| 28. | | ind the | answer to th | e above q | uestion, | which o | of the give | n statement | s is not |
|------|--------|---------------------|--|-------------|-------------------------|------------|-------------|---|----------------------|
| | (a) | | (b) B | (c) C | | (d) D | (e) | None of thes | e |
| 29. | In a | certain | code langua | ge, 'nee m | muk so' | means ' | grave and | concern'; 'ill soul'. Which (Bank P.C | dic so' of the |
| | | dic pic | | v 197 | b) ill ne | | | (c) pic nee | |
| | | | determined | | e) None | | | | |
| 30. | Lo and | Ka Wo' 1 'Sun Pu | means They | seem very | y intellig w intelli | gent'; 'Lo | a Pu Le' | very intellige means You o hat language | an see' |
| | (a) | | (b) Bi | | (c) Le | | (d) Pu | (e) | Ya |
| 31. | 'tom | ato is g | | c bir hor' | means | | | 'pic nac hor' nich of the fo | |
| | | bir le ho | | ic hor na | |) hor bi | | (d) None of | |
| 32. | Reu | tepo qu | code langua a' means 's in that lang | he sells to | oys' and | 'sul lin | n deko' n | he is eating leans I like | apples'; apples'. |
| | 4 | xas & de kew & x | | | as & ke eko & te | | (c) | kew & deko | |
| 33. | mea | ans her | | literature' | and 'oir | ud geit t | si cinto p | cinto keepi t ki' means 'li ' ? | |
| | (a) | cinto | | (b) baoli | | (c) | oind | (| d) geit |
| Que | estic | ns 34 to | 36 | | 68 | | | (Bank P. | D. 1998) |
| and | | | code, 'il be p | | | | '; 'sik hee | means 'red | flowers' |
| | | | written in | | | | | | 200 |
| 35. | 40.0 | | b) sik (c) b | | annot b | e detern | nined | (e) None of | these |
| | (a) | | b) pee (c) b | | | e detern | nined | (e) None of | these |
| 36. | Hoy | w is 'vege | etables are r | ed flowers | writter | in this | code ? | ¥2 | |
| | | pee sik | mit hee be determine | | (b) sik p | | | (c) il sik m | it hee |
| -0.1 | | | | | | | | | |
| | | - | | Al | NSWEE | ts | | | |
| 1. | (c): | | cond and thir | | | mmon c | ode word i | s 'sen' and the | common |
| 2. | (e): | | | | | | | nee' and 'see' m le' means 'whe | |
| 8. | (b): | word is ' | is'. So, 'mot' n | neans 'is'. | | | | 'mot' and the | |
| | | | cond and thir dancing'. So, | | | | ode word i | s 'baj' and the | common |
| | | Thus, in | the second st | atement, 'n | nin' mean | ns 'good'. | à | | |

- 4. (c): In the first and second statements, the common code word is 'rps' and the common word is 'morning'. So, 'rps' means 'morning'.
 In the first and third statements, common code is 'ski' and the common word is 'nice'.
 So, 'ski' means 'nice'.
- Thus, in the first statement, 'tri' means 'Sunday'.

 5. (a): In the first and second statements, the common code word is 'nie' and the common word is 'some'. So, 'nie' means 'some'.

 In the first and third statements, the common code word is 'pie' and the common word is 'good'. So, 'pie' means 'good'.
- Thus, in the first statement, 'bi' means 'jokes'.

 6. (a): In the first and second statements, the common code word is 'nat' and the common word is 'harmful'. So, 'nat' stands for 'harmful'.

In the second and third statements, the common code word is 'dor' and the common word is 'avoid'. So, 'dor' stands for 'avoid'.

Thus, in the second statement, 'vog' means 'habit'.

7. (c): In the first and second statements, the common code word is 'gnr' and the common word is 'Olympic'. So, 'gnr' means 'Olympic'.
In the second and third statements, the common code is 'hyto' and the common word.

is 'games'. So, 'hyto' means 'games'.
Thus, in the second statement, 'emf' means 'summer'.

Thus, in the first statement, 'Sud' means 'barking'.

- 8. (d): In the first and third statements, the common code word is 'peru' and the common word is 'fine'. So, 'peru' means 'fine'.
 In the second and third statements, the common code word is 'lisa' and the common word is 'clear'. So, 'lisa' means 'clear'.
- Thus, in the third statement, 'dona' means 'weather'.
 9. (d): In the first and second statements, the common code word is 'dan' and the common word is 'house'. So, 'dan' stands for 'house'.
 In the second and third statements, the common code word is 'fit'. So, 'fit' stands for 'is'.
 Thus, in the second statement, 'kon' stands for 'good'.
- 10. (c): In the second and third statements, the common code words are 'Pe', 'Mink' and 'May' and the common words are 'are', 'not' and 'ripe'.
 So, in the third statement, 'Nue' stands for 'mangoes'.
- 11. (a): In the first and second statements, the common code word is 'Kun' and the common word is 'Dogs'. So, 'Kun' means 'Dogs'.
 In the first and third statements, the common code word is 'Tom' and the common word is 'are'. So, 'Tom' means 'are'.
- 12. (a): In the first and third statements, the common code word is 'fin' and the common word is 'fruit'. So, 'fin' stands for 'fruit'.

 In the second and third statements, the common code word is 'sig' and the common word is 'lily'. So, 'sig' stands for 'lily'.

 Thus, in the third statement, 'lon' means 'and'.
- 13. (a): In the first and second statements, the common code word is 'tingo' and the common word is 'flower'. So, 'tingo' stands for 'flower'.

 In the second and third statements, the common code word is 'mst' and the common word is 'sweet'. So, 'mst' stands for 'sweet'.

 Thus, in the second statement, 'rho' stands for 'fragrance'.
- 14. (d): We can find the code for 'food' from the first and second statements. Now, to find the code for 'hot', we need the code for 'bring' which cannot be determined from the given information.

- 15. (b): In the first and second statements, the common code word is 'nro' and the common word is 'down'. So, 'nro' means 'down'.
 In the second and third statements, the common code word is 'bsi' and the common word is 'he'. So, 'bsi' means 'he'.
- Thus, in the second statement, 'mit' means 'goes'.

 16. (c): In the first and third statements, the common code word is 'na' and the common word is 'are'. So, 'na' stands for 'are'.

 In the second and third statements, the common code word is 'tok' and the common word is 'bad'. So, 'tok' stands for 'bad'.

 Thus, in the third statement, 'tim' stands for 'they'.
- 17. (e): Since all the statements have been used to find the answer, so none of the given statements can be dispensed with.
- 18. (b): In statements B and C, the common code word is 're' and the common word is 'summer'. So, 're' means 'summer'.
- 19. (c): Clearly, both statements A and D are superfluous.
- 20. (c): In statements A and B, the common code word is 'na' and the common word is 'water'. So, 'na' means 'water'.
 In statements B and D, the common code word is 'jo' and the common word is 'life'. So, 'jo' means 'life'.
 Thus, in statement B, 'tod' represents 'is'.
- 21. (b): Clearly, statement C is not necessary and hence can be dispensed with.
- 22. (e): In statements A and B, the common code word is 'zci' and the common word is 'good'. So, 'zci' stands for 'good'. In statements A and D, the common code word is 'das' and the common word is 'little'. So, 'das' stands for 'little'. So, in (A), 'mxy' means 'frock'.
- 23. (c): Clearly, statement (C) is not required.
- 24. (d): In statements (A) and (B), the common code word is 'pod' and the common word is 'boy'. So, 'pod' stands for 'boy'.
 In statements (A) and (D), the common code word is 'joc' and the common word is 'very'. So, 'joc' stands for 'very'.
 So, in (A), 'na' stands for 'bright'.
- 25. (b): Clearly, statement (C) is not required and can be dispensed with.
- 26. (a): In the first and second statements, the common code words are 'ki' and 'ma' and the common words are 'is' and 'playing'. So, 'ki' and 'ma' are the codes for 'is' and 'playing'. In the second and fourth statements, the common code word is 'kop' and the common word is 'tennis'. So, 'kop' stands for 'tennis'.
 Thus, in the second statement, 'ja' stands for 'Asha'.
- 27. (a): In statements (B) and (C), the common code word is 'Tim' and the common word is 'knowledge'. So, 'Tim' stands for 'knowledge'.
 In statement (B) and (D), the common code word is 'Bis' and the common word is 'seek'. So, 'Bis' stands for 'seek'.
 So, in (B), 'Nak' stands for 'Always'.
- 28. (a): Clearly, statement (A) is not required.
- 29. (d): Proceeding as in above questions, the code for 'every' is either 'ill' or 'dic' and the code for 'concern' is either 'nee' or 'pic'.
- 30. (b): In the first and second statements, the common code words are 'Ka' and 'Ya' and the common words are 'very' and 'intelligent'. So, 'Ka' and 'Ya' are the codes for 'very' and 'intelligent'.

In the first and third statements, the common code word is 'Pu' and the common word is 'You'. So, 'Pu' stands for 'You'.

Thus, in the first statement, 'Bi' stands for 'are'.

31. (c): In the first and second statements, the common code word is 'nac' and the common word is 'green'. So, 'nac' stands for 'green'.

In the second and third statements, the common code word is 'hor' and the common word is 'is'. So. 'hor' stands for 'is'.

So, in the second statement, 'pic' means 'tomato'. In the first and third statements, the common code word is 'bir' and the common word is 'tasty'. So, 'bir' stands for 'tasty'.

32. (c): In the first and second statements, the common code word is 'kew' and the common word is 'she'. So, 'kew' stands for 'she'.

In the first and third statements, the common code word is 'deko' and the common word is 'apples'. So, 'deko' stands for 'apples'.

33. (c): In the first and second statements, the common code words are 'cinto' and 'tsi' and the common words are 'her' and 'is'. So, 'cinto' and 'tsi' are the codes for 'her' and 'is'. In the second and third statements, the common code words are 'cinto', 'tsi' and 'oind' and the common words are 'her', 'is' and 'literature'.

Now, 'cinto' and 'tsi' are codes for 'her' and 'is'. So, 'oind' stands for 'literature'.

34. (b): In the second and third statements, the common code word is 'hee' and the common word is 'flowers'. So, 'hee' stands for 'flowers'.
Thus, in the second statement, 'sik' stands for 'red'.

35. (d): Since from the given information, we can only find the code for 'are' in the first statement, it cannot be determined which of the remaining two codes for 'roses'.

36. (a): Clearly, the required code will consist of the same codes as in the third statement with the code for 'red' added to it.

TYPE 6: MIXED NUMBER CODING

In this type of questions, a few groups of numbers each coding a certain short message, are given. Through a comparison of the given coded messages, taking two at a time, the candidate is required to find the number code for each word and then formulate the code for the message given.

- Ex. 1. In a certain code, '786' means 'study very hard', '958' means 'hard work pays' and '645' means 'study and work'. Which of the following is the code for 'very'?

 (S.B.I.P.O. 1994)
 - (a) 8 (b) 6 (c) 7 (d) Can't be determined (e) None of these
- Sol. In the first and second statements, the common word is 'hard' and the common code digit is '8'. So, '8' means 'hard'.

In the first and third statements, the common word is 'study' and the common code digit is '6'. So, '6' means 'study'.

Thus, in the first statement, '7' means 'very'. Hence, the answer is (c).

Ex. 2. If in a certain code language, '324' means 'Light is bright', '629' means 'Girl is beautiful' and '4758' means 'I prefer bright clothes', which digit means 'Light' in that language?

(a) 3

(b) 2

(c) 4

(d) 7

1

(e) 5

| Sol. | | e first and digit is '2'. | | | the common wo | ord is 'is' and the common | | | |
|-------------|---|---|-----------|-------------|---------------------------------------|---|--|--|--|
| | In th | e first an | d third s | tatements | the common | word is 'bright' and the | | | |
| | Thus | in the fire | st statem | ent, '3' me | ans 'Light'. Her | nce, the answer is (a). | | | |
| | | | | EXERCIS | SE 4H | | | | |
| 1. | | tain code, the code fo | | | class' and '583' | means 'caste and class'. (Bank P.O. 1993) | | | |
| | (a) 3 | (b) 7 | (c) 8 | 1079 | ther 5 or 3 | (e) Either 5 or 8 | | | |
| 2. | | d '934' me | | | ripe'. Which di | ood'; '657' means 'eat good igit means 'ripe' ir. that (Hotel Management, 1992) | | | |
| | (a) 9 | | (b) 4 | | (c) 5 | (d) 7 | | | |
| 3. | | and '729' r | | | | sty', '478' means 'see good the following digits stands | | | |
| | (a) 9 | | (b) 2 | | (c) 1 | (d) 8 | | | |
| 4. | | | | | | 6' means 'dust one carpet' code means 'dust' ? | | | |
| | (a) 2 | (b) | 3 | (c) 5 | (d) 6 | (e) Can't say (R.B.I., 1990) | | | |
| 5. | | '637' mean | | | | boy', '145' means 'tall big it in that language means | | | |
| | (a) 1 | (b) | 3 | (c) 4 | (d) 6 | (e) None of these | | | |
| 6. | In a certain code, '256' means 'you are good'; '637' means 'we are bad' and '358' means 'good and bad'. Which of the following represents 'and' in that code? | | | | | | | | |
| | (a) 2 | | (b) 5 | (| (c) 8 | (d) 3 | | | |
| . 7. | | | | | | (Railways, 1994) means 'green is good' and 'leaves' in that code ! | | | |
| | (a) 4 | (b) 6 | | (c) 7 | (d) 3 | (e) None of these (Bank P.O. 1991) | | | |
| 8. | rose' and | In a certain code language, '851' means 'good sweet fruit'; '783' means 'good red rose' and '341' means 'rose and fruit'. Which of the following digits stands for 'sweet' in that language? (B.S.R.B. 1998) | | | | | | | |
| | (a) 8 | (b) 5 | (c) | 1 | (d)-3 | (e) None of these | | | |
| 9. | | | | | | t'; '248' means 'very sweet ands for 'is' in that code ? | | | |
| | (a) 7 | (b) 9 | (c) 4 | (d) Can' | t be determine | d (e) None of these (B.S.R.B. 1995) | | | |
| 10. | | | | | s 'hot filtered co Which digit sta | ffee'; '356' means 'very hot nds for 'very'? | | | |
| | (a) 9 | (b) | | (c) 8 | (d) 2 | (e) 6 | | | |
| | | | | | | | | | |

| 17. | | | | | halk'; '589' mean | | |
|------|-------------------------------------|-------------------------|--|--|---------------------------------------|---|----------------------|
| | (a) 2 | (b) 4 | (c) 5 | | be determined | (e) None of | these |
| | | | | | | (Bank P.O | |
| 12. | | | | | y is blue'; '24' m that language i | | ır' and |
| | (a) 5 | (b) | 4 | (c) 3 | (d) 2 | (e) None of | these |
| 13. | In a cert intelliger 'honest' | at' and '948 | anguage, ' 8' means <i>T</i> | 381' means T Tari should go | lari is honest'; '. '. Which digit in | 162' means 'Sho that language | ashi is means |
| | (a) 3 | (b) | 8 | (c) 1 | (d) 9 | (e) None of | these |
| 14. | | | | | ld'; '546' means are' in that code | | |
| | (a) 2 | (b) | 4 | (c) 5 | (d) 6 | (e) 9 | |
| 15. | In a cer smoking 'Give'? | tain code, and '213' | '975' mea means 'Sr | ns "Throw au noking is har | ay garbage'; '52 nful'. Which dig | 28' means 'Give it in that code | away means |
| | (a) 5 | (b) | 2 | (c) 8 | (d) 3 | (e) None of | these |
| | Directio | ons (Ques | tions 16-1 | 17): | | Granden and the control | |
| | In a cert | | 289' mean | | aper'; '276' mea | ns 'tea from fiel | d' and |
| 16. | Which of | f the follow | wing is the | e code for 'tea | '? | | |
| | (a) 2 | | | (b) 6 | | (c) Either 2 o | r 6 |
| | (d) Eithe | er 2 or 7 | | (e) Either | 7 or 6 | | |
| 17. | Which of | f the follow | wing is the | e code for 'pay | per'? | | |
| | (a) 2 | | | (b) 8 | | (c) 9 | |
| | 4-3 | be deter | mined | (e) None | of these | 22.6 | |
| | Directio | ns (Quest | ions 18-1 | 9) : | (1) | | |
| | | | u are well | | | | |
| | | | ey go home | O | | | |
| | [집합시] 2007/01/2 | | are home | | 60 | (Bank P.O | 1004 |
| 10 | | | | 7.0 | that code lang | 100000000000000000000000000000000000000 | . 100-1 |
| 10. | | | (c) 3 | (1) - 10 - 10 - 10 - 10 - 10 - 10 - 10 - | 한다 하이 아이를 하게 되었다. 그런 그렇게 끊은 그리고 있다. | 1.100 | |
| 19. | (a) 5 Which o | (b) 7 of the stat | (37.5.17 | S 110 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | ed with while | ta inadequate answering the | above |
| | question | | | | 4 | | |
| | (a) A on (d) B an | ly d C only | | (b) B only (e) None | | (c) A or | C only |
| 20. | In a cer | tain code | language, eans <i>'tea ii</i> | '617' means | sweet and hot; of the following | '735' means 'co would mean 'co | offee is offee is |
| | (a) 731 | (b) t | 536 | (c) 367 | (d) 753 | (e) None | f these |
| 21. | In a cert | | | | ans Truth is Et | | |
| 1.00 | means 'E | Enmity is 1 | not Eterna | and '9a, 4d. | 2b, 8b' means "7 | ruth does not | perish'. |
| | Which of | f the follow | wing mean | as 'enmity' in | that language? | (S.B.I.P.O | |
| | (a) 3a | (b) ' | 70 to 100 to | (c) 8b | (d) 9a | (e) None o | 7.77.77.75 |
| | STRUMENT OF STREET | 76.5 | 15.05 | 1970 | 100,000 | ,-, | |

ANSWERS

(e): In the given statements, the common code digit is '3' and the common word is 'class'.
 So, '3' means 'class'.

Thus, in the second statement, either 5 or 8 stands for 'caste'.

2. (a): In the first and third statements, the common code digits are '4' and '3' and the common words are 'mangoes' and 'are'.

So, '4' and '3' are the codes for 'mangoes' and 'are'.

Thus, in the third statement, '9' means 'ripe'.

3. (d): In the first and second statements, the common code digit is '4' and the common word is 'good'. So, '4' stands for 'good'.

In the second and third statements, the common code digit is '7' and the common word is 'pictures'. So, '7' means 'pictures'.

Thus, in the second statement, '8' means 'see'.

- 4. (c): In the first and second statements, the common code digit is "2" and the common word is 'carpet'. So, "2" means 'carpet'.
 - In the second and third statements, the common code digit is '6' and the common word is 'one'. So, '6' means 'one'.

Therefore, in the second statement, '5' means 'dust'.

5. (e): In the first and second statements, the common code digit is '1' and the common word is 'boy'. So, '1' means 'boy'.

In the first and third statements, the common code digit is '3' and the common word is 'little'. So, '3' means 'little'.

Thus, in the first statement, '2' means 'bright'.

6. (c): In the first and third statements, the common code digit is '5' and the common word is 'good'. So, '5' means 'good'.

In the second and third statements, the common code digit is '3' and the common word is 'bad'. So, '3' means 'bad'.

Thus, in the third statement, '8' means 'and'.

7. (c): In the first and second statements, the common code digit is '4' and the common word is 'green'. So, '4' means 'green'.

In the first and third statements, the common code digit is '6' and the common word is 'are'. So, '6' means 'are'.

Thus, in the first statement, '7' means 'leaves'.

8. (b): In the first and second statements, the common code digit is '8' and the common word is 'good'. So, '8' means 'good'.

In the first and third statements, the common code digit is '1' and the common word is 'fruit'. So, '1' means 'fruit'.

Thus, in the first statement, '5' means 'sweet'.

9. (b): In the first and second statements, the common code digit is '4' and the common word is 'sweet'. So, '4' means 'sweet'.

In the first and third statements, the common code digit is '7' and the common word is 'fruit'. So, '7' means 'fruit'.

Thus, in the first statement, '9' means 'is'.

10. (e): In the first and second statements, the common code digit is '3' and the common word is 'hot'. So, '3' means 'hot'.

In the second and third statements, the common code digit is '5' and the common word is 'day'. So, '5' means 'day'.

Thus, in the second statement, '6' means 'very'.

11. (b): In the second and third statements, the common code digit is '5' and the common word is 'colour'. So, '5' means 'colour'.

In the first and third statements, '5' means 'colour'. The other common code digit is '2' and the common word is 'chalk'. So, '2' means 'chalk'.

Thus, in the third statement, '4' means 'white'.

12. (c): In the first and third statements, the common code digit is '6' and the common word is 'is'. So, '6' means 'is'.

In the second and third statements, the common code digit is '4' and the common word is 'colour'. So, '4' means 'colour'.

Thus, in the third statement, '3' means 'fun'.

13. (a): In the first and second statements, the common code digit is '1' and the common word is 'is'. So, '1' means 'is'.

In the first and third statements, the common code digit is '8' and the common word is 'Hari'. So, '8' stands for 'Hari'.

Thus, in the first statement, '3' means 'honest'.

14. (a): In the first and second statements, the common code digit is '5' and the common word is 'old'. So, '5' means 'old'.

In the first and third statements, the common code digit is '3' and the common word is 'books'. So, '3' means 'books'.

Thus, in the first statement, '2' means 'are'.

15. (c): In the first and second statements, the common code digit is '5' and the common word is 'away'. So, '5' means 'away'.

In the second and third statements, the common code digit is '2' and the common word is 'smoking'. So, '2' means 'smoking'.

Thus, in the second statement, '8' means 'Give'.

Questions 16-17

In the first and second statements, the common code digit is '2' and the common word is 'from'. So, '2' is the code for 'from'.

In the first and third statements, the common code digit is '8' and the common word is 'paper'. So, '8' is the code for 'paper'.

- 16. (e): Clearly, in the second statement, either '7' or '6' may be the code for 'tea'.
- 17. (b): As shown above, '8' is the code for 'paper'.

Questions 18-19

We can find the code for 'home' from the second and third statements.

For finding the code for 'they', we need the code for 'go' which cannot be determined from the given data.

- 18. (e): Data inadequate
- 19. (a): Clearly, statement A is not necessary.
- 20. (b): In the first and third statements, the common code digit is '6' and the common word is 'hot'. So, '6' means 'hot'.

In the second and third statements, the common code digit is '3' and the common word is 'is'. So, '3' means 'is'.

In the first and second statements, the common code digit is '7' and the common word is 'sweet'.

So, in the second statement, '5' means 'coffee'.

Clearly, '536' would mean 'coffee is hot'.

21. (c): In the second and third statements, the common code is '9a' and the common word is 'not'. So, '9a' means 'not'.

In the first and second statements, the common codes are '7c' and '3a' and the common words are 'is' and 'Eternal'.

ı

So, in the second statement, '8b' means 'enmity'.

Column I

TYPE 7: DECIPHERING INDIVIDUAL LETTER CODES BY ANALYSIS

In this type of questions, certain sample words are given along with their codes. The candidate is required to decipher individual codes for different letters by comparing, taking two words at a time, and then answer the given questions accordingly.

Example: Below, in column I, are given some words. These have been translated into a code language. The code equivalents of the words in column I given in column II are not necessarily opposite to the corresponding words. Moreover, the codes for the different letters in each word have also not been given in the same order as these letters occur in the original word. Study the two columns carefully and then of the four alternatives given in each question, find the one that has the code equivalents of the letters of the word given in the question. This is your answer. (Hotel Management, 1996)

Column II

| | DELIBER CONSIDE GHOSTLI WORLDLY KNOWLE ROCKET | RATE KE Y | aemrqs ccehlmo cfhmoqqrx cdgmqrsxz adefmopqqsz cefkmopqqszz | | | | |
|------|--|-----------------|---|------------|--|--|--|
| 1. 8 | SOLACE | | - (1) | | | | |
| (6 | a) aedpqr | (b) acemoq | (c) acdmpq | (d) demopq | | | |
| 2. F | KNIGHT | | | | | | |
| (6 | a) fgrsxz | (b) gprsxz | (c) fhmpqr | (d) ghrxyz | | | |
| 3. V | WORDY | | 18 | | | | |
| | a) fhlmq | (b) ehlmo | (c) efhlm | (d) adeop | | | |
| 77 7 | NOTICE | | | (E) | | | |
| (6 | a) acdeqs | (b) afmqsz | (c) efhpqs | (d) fghpqr | | | |
| 5. E | BLOAT | | | 1103 00 s# | | | |
| (| a) lkpqz | (b) hmpqz | (c) cmpqs | (d) ckmps | | | |

Solution: We first find the exact codes of the given words.

DELIBERATION is a twelve-letter word. So, its code is cefkmopqqszz.

CONSIDERATE is an eleven-letter word. So, its code is adefmopqqsz.

GHOSTLIKE and KNOWLEDGE are nine-letter words and the codes are cfnmoqqrx and cdgmqrsxz. KNOWLEDGE has two E's and so its code will also contain two identical letters. Thus, its code is cfnmoqqrx.

So, the code for GHOSTLIKE is cdgmqrsxz.

WORLDLY is a seven-letter word. So, its code is ccehlmo.

ROCKET is a six-letter word. So, its code is aemrqs.

Rearranging the words and their codes, we have :

| DELIBERATION | | | cefkmopqqszz |
|--------------|-----|-----|--------------|
| CONSIDERATE | | 100 | adefmopqqsz |
| GHOSTLIKE | | | cdgmqrsxz |
| WORLDLY | | | ccehlmo |
| KNOWLEDGE | | | cfhmoggrx |
| ROCKET | * C | | aemras |

The common letter in the given words is O and the common code letter is m. So, m stands for O.

In WORLDLY and ROCKET, the common code letter m stands for O. The other common code letter e stands for R.

In GHOSTLIKE and WORLDLY, the other common code letter c stands for L.

In DELIBERATION and WORLDLY, the common code letters, c, e and m stand for L, R and O respectively. The other common code letter o stands for D.

In WORLDLY and KNOWLEDGE, the common code letters, m, c and o stand for O, L and D respectively. So, the other common code letter h stands for W.

In KNOWLEDGE, there are two E's and the letter q occurs twice in the code. So, q stands for E.

In KNOWLEDGE and ROCKET, the common code letters m and q stand for O and E respectively. So, the other common code r stands for K.

In GHOSTLIKE and ROCKET, the common code letters, m, r and q stand for O, K and E respectively. Só, the other common code letter s stands for T.

In ROCKET, the remaining code letter a stands for C.

In GHOSTLIKE and KNOWLEDGE, the common code letters m, c, r and q stand for O, L, K and E respectively. So, the other common code letter x stands for G.

In KNOWLEDGE, the remaining code letter f stands for N.

In DELIBERATION and GHOSTLIKE, the common code letters q, c, s and m stand for E, L, T and O respectively. So, the common code letter z stands for L

In CONSIDERATE and GHOSTLIKE, the common code letters m, z, q and s stand for O, I, E and T respectively. So, the common code letter d stands for S.

In GHOSTLIKE, the remaining code letter g stands for H.

In CONSIDERATE, the remaining code letter p stands for A.

In DELIBERATION, the remaining code letter k stands for B.

The information can be summarised as below:

| Code | m | e | c | 0 | h | 1 | q | r | 8 | a | x | f | z | d | g | р | k |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Letter | | | | | | | | | | | | | | | | | |

- (c): The code for S is d, for O is m, for L is c, for A is p, for C is a and for E is q. So, the code for SOLACE is dmcpaq or acdmpq.
- 2. (a): The code for K is r, for N is f, for I is z, for G is x, for H is g and for T is s. So, the code for KNIGHT is rfzxgs or fgrsxz.
- (b): The code for W is h, for O is m, for R is e, for D is o and for Y is L.
 So, the code for WORDY is hmeel or ehlmo.
- 4. (b): The code for N is f, for Q is m, for T is s, for I is z, for C is a and for E is q. So, the code for NOTICE is finszaq or afmqsz.
- 5. (d): The code for B is k, for L is c, for O is m, for A is p and for T is s.
 So, the code for BLOAT is kemps or ckmps.

EXERCISE 41

Directions (Questions 1 to 10): According to a code language, words in capital letters in column I are written in small letters in column II. The letters in column II are jumbled up. Decode the language and choose the correct code for the word given in each question.

Column I

Column II (A) opkif

| 17. S | (a) k | (b) p | (c) v | (d) None of these |
|-------|-------|-------|-------|-------------------|
| 18. T | (a) a | (b) b | (c) e | (d) None of these |

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Directions (Questions 19 to 25): Below in column I are given some words and in column II are given their equivalents in some code language. Words in column II do not appear in the same order as in column I. Moreover, the order of letters is also jumbled. Decode the language and choose the correct alternative which is the equivalent of the given word.

| | Column I | | Colun | an II | |
|------|------------------|-------------|---------------|-------------|--------------|
| - | (1) TAPE | | (A) mo | rij | |
| | (2) COUP | | (B) lhl | npok | |
| | (3) TIE | | (C) nls | 1 | |
| | (4) ROTATE | | (D) nh | pk | |
| | (5) SAY | | (E) nk | T | |
| | (6) TREAT | | (F) ms | | |
| | (7) YEAR | | (G) kh | • | |
| | (8) SIP | | (H) hr | | |
| 5592 | (9) TYRE | | (I) pm | lh | |
| 19. | SOUP | | | | |
| | (a) osmj | (b) sojm | (c) osjm | (d) somj | (e) joms |
| 20. | REACT | | | | |
| | (a) lhpjk | (b) lihpr | (c) pkjih | (d) jklph | (e) kplih |
| 21. | TRACE | | | | |
| | (a) hiklp | (b) hlkip | (c) hklip | (d) piklh | (e) pklih |
| 22. | POSSESS | | | | |
| | (a) msoopoo | (b) mosspss | (c) porrprr | (d) mpiioii | (e) mpjjojj |
| 23. | CREATE | | | | |
| | (a) ljhkhn | (b) jknlhn | (c) jlphip | (d) ikplhp | (e) ilpkhp |
| 24. | EASY | | | | |
| 17 | (a) lnps | (b) lpns | (c) pisn | (d) pnls | (e) snpl |
| 25. | CURE | 502 To | 165402 | | |
| | (a) ijkp | (b) pikj | (c) ikpj | (d) kipj | (e) jikp |
| | Directions (Over | ti 96 to 95 | . In column I | | an edinam In |

Directions (Questions 26 to 35): In column I, some words are given. In column II, their codes are given but they are not arranged in the same order in which they are in column I. Study the letters in both columns and find out the code to the letter given in each of the following questions.

| | | | (A.A.O. Exam, 1986) |
|-----------|------------|---------------|---------------------|
| Column I | Column II | Column I | Column II |
| (1) BID | (A) nnrw | (8) ROSE | (H) iotx |
| (2) BAT | (B) emps | (9) VEX | (I) aceenoww |
| (3) BAD | (C) lwz | (10) WAYE | (J) elu |
| (4) CHEAP | (D) aejmnq | (11) NAMELY | (K) befms |
| (5) HILL | (E) kms | (12) FAMILIAR | (L) moty |
| (6) PORK | (F) emrux | (13) HAZY | (M) elz |
| (7) QUOTE | (G) char | (14) VACIUE | (N) dfmtn |

| | (2) INCUR | | (B) fbpoc | |
|-----|--|------------------------|-------------------------|------------------|
| | (3) TALLY | | (C) ughvg | |
| | (4) CADET | | (D) rkufh | |
| | (5) DRIP | | (E) rotc | |
| | (6) TOIL | | (F) juge | |
| | (7) VARY | 7 | (G) vwoh | |
| 1. | DAIRY | 100 | | 2 |
| | (a) cyohr | (b) gkvbf | (c) rctvo | (d) whtou |
| 2. | TODAY | | | |
| | (a) rjuyh | (b) kjuvh | (c) rjuvh | (d) rjuvk |
| 3. | PIECE | | | 1 |
| - | (a) fvuyr | (b) fktck | (c) fbocv | (d) frgkp |
| 4. | CIVIL | ,,, | | , -0-1 |
| ٠, | (a) gfwcc | (b) ghcww | (c) ggwfc | (d) gwffc |
| 5. | SUSTAIN | (o) Busin | | ,, 8 |
| | (a) hibucpi | (b) hkcrjbk | (c) hwojfvw | (d) hgpukge |
| 6. | TO THE STATE OF TH | (0) 111101 | | (,BrBr |
| | (a) ukfhr | (b) ubove | (c) ukhbp | (d) ukorc |
| 7 | RACE | (0) 40010 | (c) uninp | (a) anore |
| •• | (a) kovp | (b) kbcf | (c) khfo | (d) krbh |
| Q | ENVOY | (o) Roci | (c) kino | (G) KI DII |
| 0. | (a) kbjwu | (b) jvbkw | (c) hjbvw | (d) vbpuk |
| 9 | RIVET | (o) Judan | (c) Igovi | (a) Topuk |
| | (a) wckou | (b) ckwiu | (é) wckov | (d) kevow |
| 10 | SUN | (b) CRWILL | (c) went | (d) acton |
| 10. | (a) pih | (b) bih | (c) pib | (d) ikh |
| | NAMES OF THE PERSON OF THE PER | | column I below, som | |
| | DILECTIONS (Males) | LIVING II IU IOI III (| DIGHTHIN I DELUM, SUITE | e warus are kide |

Directions (Questions 11 to 18): In column I below, some words are given. In column II, their codes are given but they are not arranged in the same order in which they are in column I. Study the letters in both the columns and find out the code to the letter given in each of the following questions, from among the given alternatives. (A.A.O. Exam, 1988)

| | Column I | | - 11143 | Column II | | | |
|-------|-------------|-------|-----------|-------------------|--|--|--|
| | (1) SOUND | 8 | (A) abi | | | | |
| | (2) ADDRESS | | (B) cjmv | | | | |
| | (3) CRUX | | (C) ikmop | | | | |
| | (4) NET | | | (D) ijktv | | | |
| | (5) CRONY | | | (E) jkgotv | | | |
| | (6) CROWDY | | | (F) blooppy | | | |
| 11. A | (a) b | (b) 1 | (c) v | (d) None of these | | | |
| 12. C | (a) j | (b) k | (c) 1 | (d) None of these | | | |
| 13. D | (a) k | (b) 1 | (c) m | (d) None of these | | | |
| 14. N | (a) a | (b) e | (c) q | (d) None of these | | | |
| 15. O | (a) i | (b) j | (c) k | (d) None of these | | | |
| 16. R | (a) o | (b) p | (c) v | (d) None of these | | | |

| 26. | B | (a) l | (b) u | (c) e | (d) z |
|-----|---|-------|-------|-------|-------|
| 27. | C | (a) e | (b) z | (c) u | (d) p |
| 28. | D | (a) e | (b) z | (c) u | (d) k |
| 29. | F | (a) r | (b) f | (c) w | (d) c |
| 30. | G | (a) a | (b) c | (c) b | (d) j |
| 31. | H | (a) t | (b) r | (c) 1 | (d) s |
| 32. | A | (a) r | (b) t | (c) s | (d) e |
| 33. | K | (a) h | (b) j | (c) i | (d) k |
| 34. | M | (a) b | (b) a | (c) c | (d) d |
| 35. | Z | (a) h | (b) g | (c) f | (d) i |

Directions (Questions 36 to 40): According to a code language, words in column I are given in column II. Decode the language and choose the correct code for each of the words given in the following questions. The letters in column II need not appear in the same order as they do in column I.

| Column I | Column II | Column I | Column II |
|------------|------------|------------|------------|
| (1) CHIEF | (A) knqwy | (9) BASED | (I) gstnd |
| (2) NIGHT | (B) akwjh | (10) PSYCO | (J) qutzb |
| (3) THIRD | (C) kvhwg | (11) TOWEL | (K) nzche |
| (4) MONEY | (D) njumz | (12) FALSE | (L) ynest |
| (5) WOMAN | (E) zcjms | (13) DOWRY | (M) evguz |
| (6) WORKS | (F) ctvzo | (14) STOCK | (N) toqhz |
| (7) BASIC | (G) dtwsq | (15) TRAIN | (O) swhvj |
| (8) HENRY | (H) jvunk | | |
| 36. AUGUST | | | |
| (a) hhatdb | (b) llstah | (c) altpss | (d) nstddz |
| 37. BOARD | | | |
| (a) wtvgz | (b) ctdzg | (c) sdwqz | (d) gzdvs |
| 38. JUNIOR | | | |
| (a) jlwzvf | (b) clogwj | (c) flogvz | (d) ljfzco |
| 39. DIGEST | | | |
| (a) kwghqv | (b) angwht | (c) aknthj | (d) gonqwt |
| 40. DEAF | | 26 to 30 | |
| (a) tgnz | (b) knty | (c) ygns | (d) wgsd |
| Ti | | | |

Directions (Questions 41 to 45): In each of the following questions, a word has been written in four different code languages. One of the code languages is common to all the five questions. The code equivalent of the word in that code language is your answer in each question.

41. CLUSTER (Hotel Management, 1997)

| (a) YHPQDXE 42. LIGHT | (b) BKTUSDQ | (c) BITSVEO | (d) XFJNOQP |
|--------------------------|-------------|-------------|-------------|
| (6) HVWJD 43. TRIVIAL | (b) KHIGS | (c) CIMKN | (d) KJHGS |
| (a) SQHXHCK | (b) DEVCVZH | (c) VOHXHAI | (d) SQJUJBK |

- 44. NUMBER
 - (a) ZJAWQP
- (b) MTOADQ
- (c) GPTMXE
- (d) MVNAFQ

- 45. BRAVE
 - (a) AQBUF
- (b) WRYJQ
- (c) DOAXE
- (d) MEZCX

ANSWERS

Questions 1 to 10

In CURSE and VARY, the common code letter is o and the common letter is R.

So, o stands for R.

In CADET and VARY, the common code letter is h and the common letter is A. So, h stands for A.

In TALLY and VARY, the common code letter h means A. The other common code letter is v and the other common letter is Y. So, v stands for Y.

Thus, in VARY, the remaining code letter w stands for V.

In CADET and TOIL, the common code letter is u and the common letter is T.

So, u stands for T.

In INCUR and TOIL, the common code letter is c and the common letter is I.

So, e stands for I.

In TALLY and TOIL, the common code letter u stands for T. The other common code letter is g and the other common letter is L. So, g stands for L.

Thus, in TOIL, the remaining code letter j stands for O.

In CADET and DRIP, the common code letter is r and the common letter is D.

So, r stands for D.

In DRIP, o stands for R, c stands for L So, the remaining code letter t stands for P.

In INCUR, CURSE and CADET, the common code letter is f and the common letter is C. So, f stands for C.

In INCUR and CURSE, the common code letters f and o mean C and R respectively.

So, the remaining code letter p stands for U.

Thus, in INCUR, the remaining code letter b stands for N.

In CURSE and CADET, the common code letter f means C. So, the other common code letter k means E.

Thus, in CURSE, the remaining code letter i means S.

The information can be summarised as below:

| Code | 0 | h | v | w | u | c | g | j | r | t | f | p | b | k | i |
|--------|---|---|---|---|-----|---------------|---|---|---|---|---|---|---|---|---|
| Letter | R | A | Y | V | Tab | s l ar | L | 0 | D | P | C | U | N | E | S |

- (a): The code for D is r, for A is h, for I is c, for R is o and for Y is v. So, code for DAIRY is rhoov.
- (c) The code for T is u, for O is j, for D is r, for A is h and for Y is v.
 So, the code for TODAY is ujrhv.
- (b): The code for P is t, for I is c, for E is k and for C is f.
 So, the code for PIECE is tckfk or fktck.
- 4. (a): The code for C is f, for I is c, for V is w and for L is g. So, the code for CIVIL is feweg or gfwcc.
- 5. (a): The code for S is i, for U is p, for T is u, for A is h, for I is c and for N is b. So, the code for SUSTAIN is ipiuhch or hibucpi.
- 6. (d): The code for T is u, for R is o, for I is c, for E is k and for D is r. So, the code for TRIED is uockr or ukorc.

- 7. (c): The code for R is o, for A is h, for C is f and for E is k.
 So, the code for RACE is ohfk or khfo.
- 8. (b): The code for E is k, for N is b, for V is w, for O is j and for Y is v. So, the code for ENVOY is kbwjv or jvbkw.
- (a): The code for R is o, for I is c, for V is w, for E is k and for T is u.
 So, the code for RIVET is ocwku or wekou.
- 10. (c): The code for S is i, for U is p and for N is b. So, the code for SUN is ipb or pib.

Questions 11 to 18

Clearly, the only three letter word is NET. So, its code is abi. The only four letter word is CRUX. So, its code is cjmv. The two five letter words are SOUND and CRONY and codes are ikmop, and ijktv. Clearly, CRONY has two common letters C and R with CRUX and the letters j and v in the code for CRUX are common with the code ijktv. So, the code for CRONY is ijktv and that for SOUND is ikmop. The only six letter word is CROWDY. So, its code is jkgotv. The only seven letter word is ADDRESS. So, its code is blooppv. So, rearranging the words and their codes, we have:

| NET | abi |
|---------|---------|
| CRUX | cjmv |
| CRONY | ijktv |
| SOUND | ikmop |
| CROWDY | jkgotv |
| ADDRESS | blooppy |

In NET and CRONY, the common code letter is i and the common letter is N.

So, i stands for N.

In NET and ADDRESS, the common code letter is b and the common letter is E.

So, b stands for E. Thus, in NET, the remaining code letter a stands for T.

In CRUX and ADDRESS, the common code letter is v and the common letter is R.

So, v stands for R.

In CRUX and CRONY, the common code letter v stands for R. So, the other common code letter j stands for C.

In CRUX and SOUND, the common code letter is m and the common letter is U.

So, m stands for U.

Thus, in CRUX, the remaining code letter c stands for X.

In CRONY and SOUND, the common code letter i stands for N. So, the other common code letter k stands for O.

Thus, in CRONY, the remaining code letter t stands for Y.

In SOUND and CROWDY, the common code letter k means O. So, the other common code letter o stands for D.

Thus, in SOUND, the remaining code letter p stands for S.

In CROWDY, the remaining code letter g stands for W.

In ADDRESS, the remaining code letter I stands for A.

Thus, the information can be summarised as follows:

| Code | i | b | a | v | j | m | С | k | t | 0 | g | p | 1 |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Letter | N | E | T | R | C | U | X | 0 | Y | D | W | S | A |

11. (b): Clearly, the code letter for A is L.

12. (a): Clearly, the code letter for C is j.

1

13. (d): The code letter for D is o and none among the choices.

14. (d): The code letter for N is i and none among the choices.

15. (c): The code letter for O is k.

16. (c): The code letter for R is v.

17. (b): The code letter for S is p.

18. (a): The code letter for T is a.

Questions 19 to 25

The only seven letter word is ROTATE. So, its code is lhhpok.

The only five letter word is TREAT. So, its code is khiph.

The four letter words are TAPE, COUP, YEAR and TYRE and the codes are moij, nhpk, nkpl and pmlh. COUP has one letter O common with ROTATE. So, its code is moij which has only one code letter 'o' common with that of ROTATE.

TAPE has one letter P common with COUP. So, its code is pmlh which has one code letter 'm' common with that of COUP. YEAR and TYRE have the codes nhpk and nkpl, the common code letters n, k and p standing for Y, E and R. Now in TREAT, the letter T appears twice and in its code the letter h appears twice. So, h is for T. Thus, the code for TYRE is nhpk and that for YEAR will be nkpl.

The three letter words are TIE, SAY, SIP and the three letter codes are nls, msr, hrp. The code 'h' is for T. So, TIE is coded as hrp. SIP has I common with TIE. So, its code will be msr. Thus, the code for SAY is nls.

Rearranging the words and their codes, we have :

| SAY | nls |
|--------|--------|
| SIP | msr |
| TIE | hrp |
| YEAR | nkpl |
| TYRE | nhpk |
| TAPE | pmlh |
| COUP | moij |
| TREAT | khlp |
| ROTATE | lhhpok |

In SAY and SIP, the common code letter is s and the common letter is S. So. s stands for S.

In SAY and TYRE, the common code letter is n and the common letter is Y.

So, n stands for Y. Thus, in SAY, the remaining code letter I stands for A.

In SIP and TIE, the common code letter is r and the common letter is I.

So, r stands for L Thus, in SIP, the remaining code letter m stands for P.

In TIE and YEAR, the common code letter is p and the common letter is E.

So, p stands for E. Thus, in TIE, the remaining code letter h stands for T.

In YEAR and TYRE, the common code letters n and p stand for Y and E.

So, the remaining common code letter k stands for R.

In COUP and ROTATE, the common code letter o stands for O.

Thus, in COUP, the remaining code letters i and j stand for C and U.

Thus, the information can be summarised as follows:

| Code | s | n | - 1 | r | m | P | h | k | .0 | j | i |
|--------|----|---|-----|---|---|---|-----|---|----|---|---|
| Letter | s" | Y | A | I | P | E | . Т | R | 0 | U | C |

19. (b): The code for S is s, for O is o, for U is j or i and for P is m. But in the question, i is nowhere mentioned. So, code for U is j. Thus, the code for SOUP is sojm.

20. (e): The code for R is k, for E is p, for A is l, for C is i and for T is h. So, the code for REACT is kplih.

- 21. (c): The code for T is h, for R is k, for A is l, for C is i and for E is p. So, the code for TRACE is hklip.
- 22. (b): The code for P is m, for O is o, for S is s and for E is p. So, the code for POSSESS is mosspss.
- 23. (d): The code for C is i, for R is k, for E is p, for A is I and for T is h. So, the code for CREATE is ikplhp.
- 24. (c): The code for E is p, for A is I, for S is s and for Y is n. So, the code for EASY is plsn.
- 25. (a): The code for C is i, for U is j, for R is k and for E is p. So, the code for CURE is ijkp. Questions 26 to 35

The only eight letter word is FAMILIAR. So, its code is accenoww.

The only six letter word is NAMELY. So, its code is aejmnq.

The five letter words are CHEAP, QUOTE and VAGUE and the codes are emrux, befms, afmtu. A is common to FAMILIAR, CHEAP and VAGUE. So, the common code letter e stands for A and thus CHEAP and VAGUE have codes emrux and befms. So, the code for QUOTE is afmtu. VAGUE has two common letters with QUOTE. So, its code is befms. Thus, the code for CHEAP is emrux.

The four letter words are HILL, PORK, ROSE, WAVE, HAZY and the codes are nnrw, emps, ehqr, iotx, and moty. Only HILL has a letter repeated twice. So, its code is nnrw. Only WAVE has three letters common with VAGUE. So, its code is emps. The code for A is e. So, the code containing e and a code letter common with HILL is the code for HAZY. Thus, code for HAZY is ehqr. Now the code having common letter with that of WAVE is the code for ROSE. So, the code for ROSE is moty. Thus, the code for PORK is iotx.

The three letter words are BID, BAT, BAD and VEX and the codes are lwz, kms, elu and elz. VEX has two letters common with WAVE. So, its code is kms. BAT has a letter T common with QUOTE. So, its code is elu. BAD has two letters common with BAT. So, its code is elz. So, the code for BID is lwz.

Rearranging the words and their codes, we have :

| BID | lwz |
|----------|--------------------|
| BAD | elz |
| BAT | elu |
| VEX | kms |
| PORK | iotx |
| ROSE | moty |
| HAZY | ehqr |
| WAVE | emps _{oi} |
| HILL | nnrw |
| CHEAP | emrux |
| VAGUE | befms |
| QUOTE | dfmtu |
| NAMELY | aejmnq |
| FAMILIAR | aceenow |

In BID, BAD and BAT, the common code letter is I and the common letter is B.

So, I stands for B. In BID and BAT, the other common code letter z stands for D.

So, the remaining code letter w in BID stands for I and e in BAD stands for A.

In WAVE and ROSE, the common code letter is m and the common letter is E.

So, m stands for E. In VEX and WAVE, the other common code letter s stands for V. Thus, in VEX, the remaining code letter k stands for X.

In WAVE, the remaining code letter p stands for W.

In PORK and QUOTE, the common code letter is t and the common letter is O. So, t stands for O.

In PORK and ROSE, the other common code letter o stands for R.

In PORK and CHEAP, the common code letter is x and the common letter is P. So, x stands for P.

Thus, in PORK, the remaining code letter i stands for K.

In ROSE, the remaining code letter y stands for S.

In HAZY and NAMELY, the other common code letter q stands for Y.

In HAZY and HILL, the common code letter is r and the common letter is H. So, r stands for H.

Thus, in HAZY, the remaining code letter h stands for Z.

In HILL, the code repeated twice is n and letter is L. So, n stands for L.

In CHEAP, the remaining code letter u stands for C.

In VAGUE and QUOTE, the common code letter m means E.

So, the remaining code letter f stands for U.

Thus, in VAGUE, the remaining code letter b means G.

In QUOTE, the remaining code letter d stands for Q.

In NAMELY and FAMILIAR, the common code letter e and n stand for A and L respectively. So, the remaining common code letter a stands for M. Thus, in NAMELY, the remaining code letter j stands for N. In FAMILIAR, the remaining code letter c stands for F.

The information can be summarised as below:

| Code | 1 | z | w | e | m | 8 | k | p | t | 0 | x | i |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|
| Letter | В | D | I | A | E | V | X | W | 0 | R | P | K |
| Code | у | q | r | h | n | u | f | b | d | a | j | c |
| Letter | S | Y | Н | Z | L | C | U | G | Q | M | N | F |

26. (a): The code for B is 1.

27. (c): The code for C is u.

28. (b): The code for D is z.

29. (d): The code for F is c.

30. (c): The code for G is b.

31. (b) : The code for H is r.

32. (d): The code for A is e.

33. (c): The code for K is i.

34. (b) : The code for M is a.

35. (a): The code for Z is h.

Questions 36 to 40

In CHIEF and PSYCO, the common code letter is q and the common letter is C.

So, q stands for C.

In CHIEF and MONEY, the common code letter n stands for E.

In CHIEF and HENRY, the common code letter n stands for E.

So, the other common code letter k stands for H.

In CHIEF and BASIC, the common code letter q stands for C.

So, the other common code letter w stands for I.

Thus, in CHIEF, the remaining code letter y stands for F.

In NIGHT and MONEY, the common code letter j stands for N.

In NIGHT and TOWEL, the common code letter h stands for T.

Thus, in NIGHT, the remaining code letter a stands for G.

In THIRD and BASED, the common code letter g stands for D.

Thus, in THIRD, the remaining code letter v stands for R.

In MONEY and WORKS, the common code letter z stands for O.

In MONEY and PSYCO, the common code letter z stands for O.

So, the other common code letter u stands for Y. In MONEY and WOMAN, the common code letter z stands for O and j stands for N. So, the remaining code letter m stands for M. In WORKS and TOWEL, the common code letter z stands for O.

So, the remaining common code letter c stands for W.

In WORKS and BASIC, the common code letter is t and the common letter is S.

So, t stands for S. Thus, in WORKS, the remaining code letter o stands for K.

In BASIC and FALSE, the common code letter t stands for S.

So, the other common code letter s stands for A.

In BASIC and BASED, the common code letters s and t stand for A and S respectively.

So, the remaining code letter d stands for B. In PSYCO, the remaining code letter b stands for P.

The information can be summarised as follows:

| Code | q | n | k | w | у | j | h | a | g | v | z | u | m | c | t | 0 | 8 | d | b |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Letter | C | E | Н | 1 | F | N | T | G | D | R | 0 | Y | M | W | S | K | A | В | P |

- 36. (b): The code for A is s, for G is a, for S is t and for T is h.
 So, the code contains the letters, sath which are contained in listah only.
- 37. (d): The code for B is d, for O is z, for A is s, for R is v and for D is g. So, BOARD is coded as dzsvg or gzdvs.
- 38. (a): The code for U as in Q. 36 is I, for N is j, for I is w, for O is z and for R is v. So, the code for JUNIOR contains liwzv.
- 39. (b): The code for D is g, for I is w, for G is a, for E is n, for S is t and for T is h. So, the code for DIGEST is gwanth or angwht.
- 40. (c): The code for D is g, for E is n, for A is s and for F is y.
 So, the code for DEAF is gnsy or ygns.

Questions 41 to 45

This is a special type of problem. In such type of questions, the code letters in the code equivalent of the word are in the same sequence as the letters in the word.

41. (a): Clearly, the letters E and R are common to CLUSTER, NUMBER and BRAVE.

According to the alternatives in Q. 41, the codes for E and R could be X and E or D and Q or E and O or Q and P.

According to the alternatives in Q. 44, the codes for E and R could be Q and P or D and Q or X and E or F and Q.

According to the alternatives in Q. 45, the codes for E and R could be F and Q or Q and R or E and O or X and E.

The codes common to all the three possibilities above are X and E.

Since only (a) contains these codes, so (a) is the right code equivalent for CLUSTER. Thus, code for C is Y, for L is H, for U is P, for S is Q, for T is D and so on.

- 42. (a): The code for L is H and only (a) contains H at the first place.
- 43. (b): The code for T is D and only (b) contains D at the first place.
- 44. (c): The codes for E and R are X and E respectively and only (c) contains X and E at the last two places.
- 45. (d): The codes for R and E are E and X respectively and only (d) contains E and X at the corresponding places i.e., the second and fifth places.

5. BLOOD RELATIONS

In these tests, the success of a candidate depends upon the knowledge of the blood relations, some of which are summarized below to help solve these tests.

Mother's or father's son Brother Mother's or father's daughter Sister Mother's or father's brother Uncle Mother's or father's sister Aunt Mother's or father's father Grandfather Mother's or father's mother Grandmother Son's vaife Daughter-in-Law Daughter's husband Son-in-Law Sister-in-Law Husband's or wife's sister Husband's or wife's brother Brother-in-Law Brother's son Nephew Brother' daughter Niece Uncle or aunt's son or daughter Cousin Sister's husband Brother-in-Law Brother's wife Sister-in-Law Grandson's or Grand daughter's daughter Great grand daughter

TYPE 1: DECIPHERING JUMBLED UP DESCRIPTIONS

In this type of questions, a round-about description is given in the form of certain small relationships and direct relationship between the persons concerned is to be deciphered.

- Ex. 1. Pointing to a photograph, a man said, "I have no brother or sister but that man's father is my father's son." Whose photograph was it?
 - (a) His own

- (b) His son's
- (c) His father's

- (d) His nephew's
- (e) None of these
- (Hotel Management, 1996)
- Sol. Since the narrator has no brother, his father's son is he himself. So, the man who is talking is the father of the man in the photograph or the man in the photograph is his son.

Hence, the answer is (b).

- Ex. 2. Anil introduces Rohit as the son of the only brother of his father's wife. How is Rohit related to Anil?
 - (a) Cousin .
- (b) Son
- (c) Uncle
- (d) Son-in-law
- (e) Brother

Sol. The relations may be analysed as follows:

Father's wife — Mother; Mother's brother — Uncle; Uncle's son — Cousin. So, Rohit is Anil's cousin. Hence, the answer is (a).

| Ex. 3. | Pointing towards a person in a photograph, Anjali said, "He is the only sor of the father of my sister's brother." How is that person related to Anjali? |
|--------|--|
| | (a) Mother (b) Father (c) Maternal uncle |
| | (d) Cousin (e) None of these (Bank P.O. 1994) |
| Sol. | The relations may be analysed as follows: |
| | Sister's brother - Brother; Brother's father - Father; Father's son - Brother |
| | So, the person in the photograph is Anjali's brother. |
| | Hence, the answer is (e). |
| Ex. 4. | Pointing out to a photograph, a man tells his friend, "She is the daughter of the only son of my father's wife." How is the girl in the photograph related to the man? |
| | (a) Daughter (b) Cousin (c) Mother (d) Sister (e) Niece |
| Sol. | The relations may be analysed as follows: |
| | Father's wife — Mother; Mother's only son — Himself. |
| | So, the girl is man's daughter. |
| | Hence, the answer is (a). |
| Ex. 5 | X introduces Y saying, "He is the husband of the grand daughter of the father of my father." How is Y related to X? |
| | (a) Brother (b) Son (c) Brother-in-law (d) Nephew (e) Son-in-law |
| Sol. | The relations may be analysed as follows: |
| | Father's father — Grandfather; Grandfather's Grand daughter — Sister Sister's husband — Brother-in-law. |
| | So, Y is X's brother-in-law. |
| | Hence, the answer is (c). |
| Ex. 6 | Pointing out to a lady, Rajan said, "She is the daughter of the woman who is the mother of the husband of my mother." Who is the lady to Rajan? |
| | (a) Aunt (b) Grand daughter (c) Daughter (d) Sister (e) Sister-in-law |
| Sol. | The relations may be analysed as follows: |
| | Mother's husband — Father; Father's mother — Grandmother; Grandmother' daughter — Father's sister; Father's sister — Aunt. |
| | So, the lady is Rajan's aunt. |
| | Hence, the answer is (a). |
| | EXERCISE 5A |
| | |
| 0 | ointing to a man on the stage, Rita said, "He is the brother of the daughte f the wife of my husband." How is the man on the stage related to Rita? |
| | 2) Son (b) Husband (c) Cousin (d) Nephew (e) Brother-in-law |
| | howing the man receiving the prize, Saroj said, "He is the brother of my uncle' aughter." Who is the man to Saroj? |
| | i) Son (b) Brother-in-law (c) Nephew (d) Uncle (e) Cousin |
| n | ointing to a man, a woman said, "His mother is the only daughter of my nother." How is the woman related to the man? (Bank P.O. 1998) |
| - (| a) Mother (b) Daughter (c) Sister (d) Grandmother (e) None of these |

| | ms man : |
|-----|---|
| | (a) Niece (b) Sister (c) Aunt (d) Sister-in-law (e) Maternal aunt |
| 5. | Pointing to a photograph, Vipul said, "She is the daughter of my grandfather's only son." How is Vipul related to the girl in the photograph? (B.S.R.B. 1997) (a) Father (b) Brother (c) Cousin (d) Data inadequate (e) None of these |
| 6. | A woman introduces a man as the son of the brother of her mother. How is the man related to the woman? |
| | (a) Nephew (b) Son (c) Cousin (d) Uncle (e) Grandson |
| 7. | Looking at a portrait of a man, Harsh said, "His mother is the wife of my father's son. Brothers and sisters I have none." At whose portrait was Harsh looking? (M.B.A. 1998) |
| | (a) His son (b) His cousin (c) His uncle (d) His nephew (e) None of these |
| 8. | A man said to a lady, "Your mother's husband's sister is my aunt." How is the lady related to the man? |
| | (a) Daughter (b) Grand daughter (c) Mother (d) Sister (e) Aunt |
| Э. | If Neena says, "Anita's father Raman is the only son of my father-in-law Mahipal", then how is Bindu, who is the sister of Anita, related to Mahipal? |
| | (a) Niece (b) Daughter (c) Wife (d) Daughter-in-law (e) None of these |
| | (Bank P.O. 1996) |
| 10. | Pointing to a girl in the photograph, Amar said, "Her mother's brother is the only son of my mother's father." How is the girl's mother related to Amar? |
| | (a) Mother (b) Sister (c) Aunt (d) Grandmother (e) None of these |
| | (Railways, 1994) |
| 11. | A girl introduced a boy as the son of the daughter of the father of her uncle. The boy is girl's |
| | (a) Brother (b) Son (c) Uncle (d) Son-in-law (e) Nephew |
| 12. | If X is the brother of the son of Y's son, how is X related to Y? |
| | (a) Son (b) Brother (c) Cousin (d) Grandson (e) Uncle |
| 13. | Pointing to a gentleman, Deepak said, "His only brother is the father of my daughter's father." How is the gentleman related to Deepak? |
| | (a) Grandfather (b) Father (c) Brother-in-law (d) Uncle (e) None of these (Bank P.O. 1997) |
| 14. | Introducing a man to her husband, a woman said, "his brother's father is the only son of my grandfather." How is the woman related to his man? (a) Mother (b) Aunt (c) Sister (d) Daughter (e) Grandmother |
| 15. | Pointing out to a lady, a girl said, "She is the daughter-in-law of the grandmother of my father's only son." How is the lady related to the girl? |
| | (a) Sister-in-law (b) Mother (c) Aunt (d) Mother-in-law (e) Cousin |
| 16. | Rita told Mani, "The girl I met yesterday at the beach was the youngest daughter of the brother-in-law of my friend's mother." How is the girl related to Rita's friend? |
| | (a) Cousin (b) Daughter (c) Niece (d) Friend (e) Aunt |

4. Pointing to a photograph, a person tells his friend, "She is the grand daughter of the elder brother of my father." How is the girl in the photograph related to

| 17. | If Kamal says, "Ravi's mother is the only daughter of my mother", how is Kamal related to Ravi ? (S.B.L.P.O. 1994) | | | | | |
|-----------|--|--|--|--|--|--|
| | (a) Grandfather (b) Father (c) Brother | | | | | |
| | (d) Cannot be determined (e) None of these | | | | | |
| 18. | Rahul told Anand, 'Yesterday I defeated the only brother of the daughter of my grandmother.' Whom did Rahul defeat ? | | | | | |
| | (a) Son (b) Father (c) Brother (d) Father-in-law (e) Cousin | | | | | |
| 19. | When Anuj saw Manish, he recalled, "He is the son of the father of my daughter." Who is Manish? | | | | | |
| | (a) Brother-in-law (b) Brother (c) Cousin (d) Uncle (e) Nephew | | | | | |
| 20. | Pointing to a photograph, a lady tells Pramod, "I am the only daughter of this lady and her son is your maternal uncle." How is the speaker related to Pramod's father? (Hotel Management, 1995) | | | | | |
| | (a) Sister-in-law (b) Wife (c) Either (a) or (b) (d) Neither (a) nor (b) | | | | | |
| 21. | Introducing a man, a woman said, "He is the only son of my mother's mother." How is the woman related to the man? | | | | | |
| | (a) Mother (b) Aunt (c) Sister (d) Niece (e) None of these | | | | | |
| 22. | Pointing to a man in a photograph, Asha said, "His mother's only daughter is my mother." How is Asha related to that man? | | | | | |
| | (a) Nephew (b) Sister (c) Wife (d) Niece (e) Grand daughter | | | | | |
| 23. | Pointing to a photograph, a woman says, "This man's son's sister is my mother-in-law." How is the woman's husband related to the man in the photograph? (a) Grandson (b) Son (c) Son-in-law (d) Néphew (e) None of these (M.B.A. 1994) | | | | | |
| 24. | Introducing a man, a woman said, "His wife is the only daughter of my father." | | | | | |
| | How is that man related to the woman? | | | | | |
| | (a) Brother (b) Father-in-law (c) Maternal uncle | | | | | |
| | (d) Husband (e) None of these | | | | | |
| 25. | Deepak said to Nitin, "That boy playing with the football is the younger of the two brothers of the daughter of my father's wife." How is the boy playing football related to Deepak? | | | | | |
| - | (a) Son (b) Brother (c) Cousin (d) Nephew (e) Brother-in-law | | | | | |
| 26. | Pointing to the lady on the platform, Manju said, "She is the sister of the father of my mother's son." Who is the lady to Manju? | | | | | |
| | (a) Mother (b) Sister (c) Aunt (d) Niece (e) None of these | | | | | |
| 27. | Arun said, "This girl is the wife of the grandson of my mother." Who is Arun to the girl? | | | | | |
| | (a) Father (b) Grandfather (c) Husband | | | | | |
| | (d) Father-in-law (e) None of these | | | | | |
| 28, | Pointing to a man in a photograph, a woman said, "His brother's father is the only son of my grandfather." How is the woman related to the man in the photograph? (B.S.R.B. 1996) | | | | | |
| To be the | (a) Mother (b) Aunt (c) Sister (d) Daughter (e) Grandmother | | | | | |
| 29. | Pointing to a person, a man said to a woman, "His mother is the only daughter of your father." How was the woman related to the person? | | | | | |
| | (a) Aunt (b) Mother (c) Wife (d) Daughter (e) None of these | | | | | |

- 30. A man pointing to a photograph says, "The lady in the photograph is my nephew's maternal grandmother." How is the lady in the photograph related to the man's sister who has no other sister? (Hotel Management, 1997)
 - (a) Cousin
- (b) Sister-in-law
- (c) Mother
- (d) Mother-in-law
- 31. Pointing to a lady, a man said, "The son of her only brother is the brother of my wife." How is the lady related to the man?
 - (a) Mother's sister
- (b) Grandmother
- (c) Mother-in-law

- (d) Sister of father-in-law
- (e) Maternal aunt
- 32. Pointing to an old man, Kailash said, "His son is my son's uncle." How is the old man related to Kailash?
 - (a) Brother
- (b) Uncle
- (c) Father
- (d) Grandfather
- (e) None of these

ANSWERS

- (a): Wife of husband Herself; Brother of daughter Son.
 So, the man is Rita's son.
- 2.(e): Brother of uncle's daughter Uncle's son Cousin.

 So, the man is Seema's cousin.
- (a): Orlly daughter of my mother Myself.
 So, the woman is man's mother.
- (a): Brother of father Uncle; Uncle's grand daughter daughter of uncle's son daughter of cousin — niece.
- 5. (b): My grandfather's only son My father.
 - So, the girl is the daughter of Vipul's father i.e., Vipul is the girl's brother.
- 6. (c): Brother of mother Uncle; Uncle's son Cousin.
- 7. (a): Since Harsh has no brother or sister, so he is his father's only son. Now, wife of my father's son — my wife.
 So, Harsh's wife is the man's mother or the man is Harsh's son.
- Your mother's husband Your father; Your father's sister Your aunt.
 So, lady's aunt is man's aunt and therefore lady is man's sister.
- Only son of Neena's father-in-law Mahipal Neena's husband.
 Raman is Neena's husband and Anita and Bindu are his daughters.
 Thus, Bindu is the grand daughter of Mahipal.
- 10. (c): Only son of Amar's mother's father Amar's maternal uncle.
 So, the girl's maternal uncle is Amar's maternal uncle. Thus, the girl's mother is Amar's aunt.
- 11. (a): Daughter of uncle's father Uncle's sister Mother; Mother's son Brother.
- 12. (d): Son of Ys Son Grandson; Brother of Ys grandson Ys grandson.
- 13. (d): Father of Deepak's daughter's father Deepak's father. So, the man's brother is Deepak's father or the man is the brother of Deepak's father i.e., Deepak's uncle.
- 14. (c): Only son of her grandfather Her father; man's brother's father man's father. So, man's father is her father i.e., She is the man's sister.
- 15. (b): My father's only son My brother; Grandmother of my brother My grandmother; Daughter-in-law of my grandmother My mother.
 So, the lady is girl's mother.
- 16. (a): Daughter of brother-in-law Niece; Mother's niece Cousin. So, the girl is the cousin of Rita's friend.

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17. (e): Only daughter of Kamal's mother — Kamal's sister.
So, Ravi's mother is Kamal's sister or Kamal is the brother of Ravi's mother i.e.,
Ravi's maternal uncle.

- 18. (b): Daughter of grandmother Aunt; Aunt's only brother Father.
- (a): Anuj's daughter's mother Anuj's wife; Anuj's wife's father Anuj's father-in-law; Father-in-law's son — Anuj's brother-in-law.
 So. Manish is Anuj's brother-in-law.
- 20. (b): Clearly, the speaker's brother is Pramod's maternal uncle. So, the speaker is Pramod's mother or his father's wife.
- 21. (d): My mother's mother My grandmother; My grandmother's only son My maternal uncle.
 So, the woman is man's niece.
- 22. (d): Asha's mother's mother is man's mother i.e., Asha's mother is man's sister or Asha is man's niece.
- 23. (a): Man's son's sister Man's daughter.
 So, the man's daughter is the mother of the woman's husband. Thus, the woman's husband is the grandson of the man in the photograph.
- 24. (d): Only daughter of my father Myself. So, the man is woman's husband.
- 25. (b): Father's wife Mother; Mother's daughter Sister; Sister's younger brother My younger brother. So, the boy is Deepak's brother.
- 26. (c): Manju's mother's son Manju's brother; Manju's brother's father Manju's father; Father's sister Manju's aunt.
- 27. (d): Mother's grandson Son; Son's wife Daughter-in-law.
- 28. (c): Only son of woman's grandfather Woman's father; Man's brother's father Man's father. So, the woman is man's sister.
- 29. (a): Daughter of your father Your sister.
 So, the person's mother is woman's sister or the woman is person's aunt.
- 30. (c): Clearly, the lady is the grandmother of man's sister's son i.e., the mother of the mother of man's sister's son i.e., the mother of man's sister.
 So, the lady is man's mother.
- 31. (d): Brother of my wife My brother-in-law; Son of lady's brother is the brother-in-law of the man. So lady's brother is man's father-in-law i.e., the lady is the sister of man's father-in-law.
- 32. (c): Kailash's son's uncle Kailash's brother. So, the old man's son is Kailash's brother i.e., the old man is Kailash's father.

TYPE 2: RELATION PUZZLE

In this type, mutual blood relations or other informations of more than two persons are mentioned and information about any two is mentioned.

- Ex. 1. A and B are brothers. C and D are sisters. A's son is D's brother. How is B related to C?

 (M.B.A. 1998)
 - (a) Father (b) Brother (c) Grandfather (d) Uncle (e) None of these
- Sol. Clearly, B is the brother of A; A's son is D's brother. This means D is the daughter of A. Since C and D are sisters, C is also the daughter of A. So, B is the uncle of C. Hence, the answer is (d).
- Ex. 2. Given that
 - 1. A is the mother of B:
 - 2. C is the son of A;

(S.C.R.A. 1994)

(e) E

(d) D

Sol.

3. D is the brother of E; 4. E is the daughter of B. The grandmother of D is

Also, A is the mother of B. So, A is the grandmother of D. Hence, the answer is (a).

How is Y related to B?

(b) B

(a) A

son of B.

| | (a) Broth | ner-in-Law | | (b) Brother | | (c) Son-in-Law |
|-----|-------------|----------------|---------------|------------------------------------|--------------|--|
| | (d) Cous | in | | (e) None of the | hese | |
| Sol | brother o | | o the brother | | | ers, and X is the other-in-law of B. |
| Ex. | | |) | arefully and | answer the | questions given |
| | E are bro | others. F is t | he sister of | | | E and F. A and s uncle. B and D |
| 1. | How is C re | | | | | |
| | (a) Cousin | (b) Broth | her (c) S | ion (d) Ui | ncle (e) | None of these |
| 2. | How many | male players | are there? | | | 2 |
| | (a) One | (b) Thre | e (c) F | ive (d) Si | x (e) | Four |
| 3. | How many | female playe | rs are there | ? | | |
| | (a) Two | (b) Thre | e (c) F | ive (d) On | ne (e) | Four |
| 4. | How is D re | elated to A? | | | | |
| | (a) Uncle | (b) Siste | r (c) N | Niece (d) Co | ousin (e) | None of these |
| Sol | ution : | | | | | |
| | | | | lso the son of | F's uncle an | d is, therefore, F's |
| 2. | | he son and h | ence male. B | and D are daug | | ter of E and hence ence female. Thus, |
| 3. | | | | NOTE LE DOMESTICO POR LA LEGIS | e females. S | o, the answer is (b). |
| 4. | | | | ther and C's fa lence, the answ | | ncle. So, D's father |
| - | | 30000 | EXERC | ISE 5B | | |
| 1. | | | | | | neir wives and one are there is all? |
| | (a) 14 | (b) 16 | (c) 18 | (d) 24 | (e) | None of these |
| | | | | | | |
| | | | | | C | opyrighted mate |

(c) C

Ex. 4. A and B are married couple. X and Y are brothers. X is the brother of A.

D is the brother of E and E is the daughter of B. This means that D is the

| | Lakshmi and Meena is Lakshmi related | | | i is Meena's step-daughter. | How | | |
|-----|--|--------------|---------------------------------|---|-------|--|--|
| | (a) Sister | (b) Moth | er-in-Law | (c) Mother | | | |
| | (d) Step-mother | (e) None | of these | | | | |
| | Daya has a brother In terms of relation | | | andra. Bimal is Chandra's fa | | | |
| | | randson | (c) Brother | (d) Grandfather | | | |
| 4. | Rahul's mother is the related to Rahul? | e only daug | hter of Monika's | father. How is Monika's hus (Bank P.O. | | | |
| | (a) Uncle | (b) Fath | er | (c) Grandfather | | | |
| | (d) Brother | (e) Data | inadequate | | | | |
| 5. | which of the followi | ng stateme | nts is definitely | | | | |
| | (a) N is brother of (d) D is brother of (| | N is brother o None of these | f D (c) M is brother o | f B | | |
| 6. | Deepak is brother of is Deepak related to | | tha is sister of | Atul. Ravi is son of Rekha. (C.B.I. | | | |
| | (a) Son | (b) Brother | (c) Nepl | new (d) Father | | | |
| 7. | A is B's sister. C is A related to D? | B's mother | . D is C's fathe | r. E is D's mother. Then, he (Assistant Grade, | | | |
| | (a) Grandmother | (b) Grandfa | ther (c) Dau | ghter (d) Grand daug | ghter | | |
| 8. | Given that : 1. A | is brother o | f B. | | | | |
| | 2. C | is father of | A. | | | | |
| | 3. D is brother of E. | | | | | | |
| | 4. E | is daughter | of B. | | | | |
| 1 | Then, uncle of D is | | | (S.C.R.A. | 1993) | | |
| | (a) A | (b) B | (c) | C (d) E | | | |
| 9. | Q is the brother of I of R. Who are the | | | he brother of S; S is the dau | ghter | | |
| | (a) R and P | | (b) P and T | (c) Q and T | | | |
| | (d) S and T | | (e) None of th | ese | | | |
| 10. | E is the son of A. I is D related to E? | is the son | of B. E is marr | ied to C. C is B's daughter. | How | | |
| 4 | (a) Brother | | (b) Uncle | (c) Father-in-L | aw | | |
| | (d) Brother-in-Law | | (e) None of th | ese | | | |
| 11. | A is father of C an is B related to E? | d D is son | | er of A. If C is sister of D. (Assistant Grade, | | | |
| | (a) Daughter | (b) Brother | -in-Law (c) | Husband (d) Sister-in | -Law | | |
| 12. | Q's mother is sister T. How is M relate | | daughter of M. | S is daughter of P and sist (Bank P.O. | | | |
| | (a) Grandmother | | (b) Fath | er (c) Grandfathe | r | | |
| | (d) Grandfather or | | | | | | |

related to Deepika?

(b) Father

(c) Grandfather

(a) Uncle

Directions (Questions 13 to 15): Read the following information and answer the questions given below: A is the son of B. C, B's sister has a son D and a daughter E. F is the maternal uncle of D. 13. How is A related to D? (d) Brother (c) Uncle (a) Cousin (b) Nephew 14. How is E related to F? (c) Niece (d) Wife (b) Daughter (a) Sister 15. How many nephews does F have ? (b) One (c) Two (d) Three (a) Nil Directions (Questions 16-17): Read the following information and answer the questions given below it : (S.S.C. 1993) A is the father of C. But C is not his son. E is the daughter of C. F is the spouse of A. B is the brother of C. D is the son of B. G is the spouse of B. H is the father of G. 16. Who is the grandmother of D? (a) A (d) H (b) C (c) F 17. Who is the son of F? (c) D (d) E 18. C is A's father's nephew. D is A's cousin but not the brother of C. How is D related to C? (d) Aunt (a) Father (b) Sister (c) Mother 19. P is the son of Q while Q and R are the sisters to one another. T is the mother of R. If S is the son of T, which of the following statements is correct? (a) T is the brother of Q. (b) S is the cousin of P. (d) S is the maternal uncle of P. (c) Q and S are sisters. (e) R is the grandfather of P. 20. A is the brother of B. B is the brother of C. D is the father of A. Based on these three statements, which of the following statements cannot be definitely true? (a) B is the brother of A. (b) B is the son of D. (c) A is the brother of C. (d) C is the brother of A. (e) A. B and C are D's children. (B.S.R.B. 1997) 21. A is father of X; B is mother of Y. The sister of X and Z is Y. Which of the following statements is definitely not true? (a) B is the mother of Z. (b) X is the sister of Z. (c) Y is the son of A (e) B is the wife of A. (d) B has one daughter. 22. Rajan is the brother of Sachin and Manick is the father of Rajan. Jagat is the brother of Priya and Priya is the daughter of Sachin. Who is the uncle of Jagat? (a) Rajan (b) Sachin (c) Manick (d) None of these (Transmission Executives' 1994) 23. Neelam, who is Deepak's daughter, says to Deepika. "Your mother Rekha is the younger sister of my father who is the third child of Ramlal." How is Ramlal

(d) Father-in-Law

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| 24. | P is the brother of Q following statements ca | | | P's father. Which of the |
|------|--|--|--|---|
| | (a) T is Q's father. | | P's mother. | (c) P is S's son. |
| | (d) T is S's husband. | | s T's son. | 100 B |
| 25. | of D. M is the father of | | | ner of F. F is the daughter |
| | (a) X (b) | P (c |) F | (d) M |
| 26. | K is the brother of N Which of the following | | | and Z is the father of K. ue? |
| | (a) K is the son of Z.(d) K is the father of X | | e wife of Z. e brother of X. | (c) K is the son of Y. |
| 27. | A woman walking with her relationship with t uncle's maternal uncle | a boy meets an he boy, she says are brothers." H | other woman a , "My materna | and on being asked about all uncle and his maternal related to the woman? |
| | [19] [1] - 기타 - 기 | | | nation given below and |
| ans | wer the questions tha | t follow: | | (B.S.R.B. 1998) |
| | (i) In a family of six p (ii) D is grandmother (iii) C is wife of B and (iv) F is the grand day | of A and mother mother of F. | 경기 경기 경기 시간 시간 시간 경기 경기 경기 경기 있다. | e are two married couples. |
| 90 | BB(영영() () () [1] [1] [1] [1] [1] [1] [1] [1] [1] [1] | ignited of D. | | |
| 20. | What is C to A? | 4) 0 | 1 .1 | () 11 () |
| | (a) Daughter | | andmother | · (c) Mother |
| | (d) Cannot be determine | | ne of these | |
| 29. | How many male memb | ers are there in | the family? | |
| | (a) Two | (b) Th | | (c) Four |
| | (d) Cannot be determine | ned (e) Nor | ne of these | |
| 30. | Which of the following | is true ? | | |
| | (a) A is brother of F.(d) B has two daughter | (b) A is since of the control of the | | (c) D has two grandsons. |
| 31. | Who among the following | ng is one of the | couples? | |
| | (a) CD | (b) DE | Control Control of the Control of th | (c) EB |
| | (d) Cannot be determine | 77 | ne of these | |
| | 그들이 아들이 아이를 하는 것이 되었다면 그렇게 되고 있다면 하는데 얼마나 없다면 없다면 없다. | [20] [10] [10] [10] [10] [10] [10] [10] [1 | | g information carefully |
| and | d answer the question | | | |
| is t | he son of C but C is no | t the mother of | B. A and C a | are travelling together. B re a married couple. E is |
| the | brother of C. D is the o | laughter of A. F | is the brother | of B. |
| 32. | How many male memb | ers are there in | the family? | |
| | (a) 1 (b) | 2 | (c) 3 | (d) 4 |
| 33. | Who is the mother of l | B ? | | |
| | (a) D (b) | F | (c) E | (d) A |
| 34. | How many children do | es A have ? | | |
| | (a) One (b) | Two | (c) Three | (d) Four |

| 35. | Who is the | wife of E? | | | | | |
|-----|--|--|----------------------------|--|---------------------|--|--|
| | (a) A | (b) F | (c) B | (d) Can't be | determined | | |
| 36. | | following is a pa | ir of females ? | | | | |
| | (a) AE | (b) BD | (c) DF | (d) AD | | | |
| 37. | How is E re | 17 CAR 1 CAR 2 | | 12. | | | |
| | (a) Father | (b) Brother | (c) Uncle | (d) Can't be | determined | | |
| | 100 | | | | given below and | | |
| | wer the que | stions that follo | w: | | (Bank P.O. 1995) | | |
| | I. A, B, C | , D, E and F are | six members of | a family. | | | |
| | II. One cou | iple has parents a | nd their childre | n in the family | ¥8 | | |
| | III. A is the | son of C and E | is the daughter | of A. | | | |
| | IV. D is the | e daughter of F w | ho is the mothe | r of E. | | | |
| 38. | Who are the | male members in | n the family? | | | | |
| | (a) A and C | | (b) C and F | (c) A, I | 3 and D | | |
| | (d) Cannot l | e determined | (e) None of the | hese | | | |
| 39. | Which of the | e following pairs i | s the parents of | the children? | | | |
| | (a) BC | | (b) CF | (c) BF | | | |
| | | be determined | (e) None of the | | | | |
| 40. | Which of th | e following pairs i | s the parents of | the couple? | | | |
| | (a) AB | (b) BC | (c) AF | (d) CF | (e) None of these | | |
| 41. | How many female members are there in the family? | | | | | | |
| | (a) Two | | (b) Three | (c) Fou | r | | |
| | (d) Can't be | determined | (e) None of t | hese | | | |
| 42. | What relation | onship do D and I | E bear to each o | ther? | 25 | | |
| | (a) Sister an | | (b) Mother a | | 1002000 02020 | | |
| | | other and Grand d | | | (e) None of these | | |
| 43. | A, B, C, D, E, F and G are members of a family consisting of four adults and three children, two of whom, F and G are girls. A and D are brothers and A is | | | | | | |
| | | a doctor. E is an engineer married to one of the brothers and has two children | | | | | |
| | B is marrie | d to D and G is th | heir child. Who | is C? | (I.A.S. 1998) | | |
| | (a) A's son | (b) E's da | ughter (c) | F's father | (d) G's brother | | |
| | Directions (| Questions 44 to | 48) : Read the f | following infor | mation carefully | | |
| and | d answer the | e questions giver | n below it: | | | | |
| | | | | | d B are a married | | |
| | | | | | s the brother of A. | | |
| | | f D. B is the daug | thter-in-law of F | , whose husbar | nd has died. | | |
| 44. | How is F re | elated to A? | 102012201007 | Every contract of the contract | | | |
| | (a) Mother | | (b) Sister-in-Law | | (c) Sister | | |
| | (d) Mother- | | (e) None of t | hese | | | |
| 45. | How is E re | | | N227-015 0005 | | | |
| | (a) Sister | (b) Daughter | (c) Cousin | (d) Aunt | (e) Mother | | |
| 46. | Who is C to | В? | 1012491 <u>20</u> 010124 W | | | | |
| | (a) Brother | | (b) Brother-i | | (c) Nephew | | |
| | (d) Son-in-L | aw | (e) None of t | hese | | | |

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| 47. | How many male n | nembers are | there in the | family? | | | | |
|------|--|-------------------------------|--|-----------|---|-------------------|--|--|
| | (a) One | (b) Two | (c) Three | (d) | Four | (e) Five | | |
| 48. | How is F related t | 0 C ? | | | | | | |
| | (a) Mother-in-Law | (b) Sister-in | n-Law (c) Me | other | (d) Aunt | (e) Sister | | |
| 49. | Shobha is the niece Kamla's husband i related to Hari? | | | | aw of Har | | | |
| | (a) Daughter | (b) Great g | randdaughte | r (c) | Grandniec | e | | |
| | (d) Great grandson | | | | | | | |
| | Directions (Quest | | () : Study the | follow | ing inform | nation carefully | | |
| | l answer the ques | | | | | (Railways, 1998) | | |
| | There are six perso | | | is the | sister of F | | | |
| of E | E's husband. D is the brothers and a n Who is the mother | he father of nother in the | A and grand | | | | | |
| | (a) A | (b) B | (c) D | | (d) E | | | |
| 51. | Who is E's husbar | 42720 | (47, 40 | | (0) | | | |
| | (a) B | (b) C | (c) A | | (d) F | | | |
| 20 | 120 | | 32 W. J. W. S. | moun 2 | (u) r | | | |
| oz. | How many male n | | | | (d) P | | | |
| | (a) One | (b) Two | (c) Th | ree | (d) Four | \$ | | |
| 53. | How is F related | | 26 CONTROL | | 106701 | | | |
| | (a) Uncle | (b) Husban | d (c) So | n | (d) Daug | thter | | |
| 54. | Which of the following is a group of brothers? | | | | | | | |
| | (a) ABF | (b) ABD | (c) BI | C | (d) BDF | | | |
| | Directions (Quest | ions 55 to 6 | 0) : Read the | followi | ng inform | ation carefully | | |
| and | d answer the ques | | | | | | | |
| | A family consists of | f six membe | rs P, Q, R, X | , Y and | Z. Q is th | e son of R but R | | |
| | ot mother of Q. P | | | ple. Y is | the broth | er of R. X is the | | |
| dau | ghter of P. Z is the | brother of l | Ρ. | | | | | |
| 55. | Who is the brothe | r-in-law of R | ? | | | | | |
| | (a) P | (b) Z | (c) Y | | (d) X | | | |
| 56. | Who is the father | of Q? | | | | | | |
| 1 | (a) R | (b) P | (c) Z | | (d) None | of these | | |
| 57. | How many childre | n does P ha | ve ? | | | | | |
| 1 | (a) One | (b) Two | (c) Th | ree | (d) Four | 8 | | |
| 58. | How many female | members ar | e there in th | e family | | | | |
| 1 | (a) One | (b) Two | (c) Th | | (d) Four | Si . | | |
| 59. | How is Q related | to X? | A MATERIAL TO | | 120000000000000000000000000000000000000 | | | |
| | (a) Husband | (b) Father | (c) Br | other | (d) Uncl | e | | |
| 60. | Which is a pair of | | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 8 | | |
| | (a) P and X | (b) P and 2 | Z (c) Q | and X | (d) R an | d Y | | |
| | Directions (Quest | | | | | | | |
| ans | wer the questions | that follow | n. | ne inju | matton g | ссен вегош ана | | |
| | m | | | | | | | |

There is a family of six persons A, B, C, D, E and F. They are Lawyer, Doctor, Teacher, Salesman, Engineer and Accountant. There are two married couples in the

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family. D, the Salesman is married to the Lady Teacher. The Doctor is married to the Lawyer. F, the Accountant is the son of B and brother of E. C, the Lawyer is the daughter-in-law of A. E is the unmarried Engineer. A is the grandmother of F. 61. How is E related to F?

| (6 | a) Brother | (b) Si | ster | (c) Cousin |
|--------|--|------------------|-----------------|---------------------|
| (4 | d) Cannot be determined | (e) No | ne of these | |
| 62. V | What is the profession of B | ? | | |
| (4 | a) Teacher | (b) Do | octor | (c) Lawyer |
| (6 | d) Cannot be determined | (e) No | ne of these | |
| 63. V | Vhat is the profession of A | ? | | |
| (6 | a) Lawyer | (b) Te | acher | (c) Doctor |
| (4 | d) Cannot be determined | (e) No | ne of these | |
| 64. V | Which of the following is one | e of the couples | ? | |
| (4 | a) F and D | (b) D | and B | (c) E and A |
| (4 | d) A and C | (e) No | ne of these | |
| 65. I | low is D related to F? | | | Notes and the |
| (4 | a) Grandfather | (b) Fa | ther | (c) Uncle |
| (6 | d) Brother | (e) No | ne of these | |
| D | irections (Questions 66 to | 70) : Read the | following inf | ormation carefully |
| and e | answer the questions belo | w: | | |
| couple | family consists of six mem es. Q is a doctor and the fat trandmother of T and is a h | her of T. U is g | randfather of R | and is a contractor |
| nurse | , one housewife and two stu | idents in the fa | mily. | |
| 66. V | Vho is the husband of P? | | | |
| (6 | a) R (b) U | (c) Q | (d) S | (e) T |
| 67. V | Vho is the sister of T? | | | |
| (| a) R | (b) U | | (c) T |

(d) Information insufficient
68. What is the profession of P?

(a) Doctor (b) Nurse

urse (c) Doctor or Nurse

(d) Housewife (e) None of these

69. Which of the following are two married couples?

(a) US, QT (b) US, QP (c) TS, RU (d) US, RP (e) None of these

(e) None of these

70. Which of the following is definitely a group of male members?

(a) QU (b) QUT (c) QUP (d) UT (e) None of these

Directions (Questions 71 to 73): Read the following information carefully and answer the questions that follow:

(S.B.I.P.O. 1995)

In a village of Bastar district in Madhya Pradesh, only two types of people live who belong to a tribal class. The first type is known as class A, while the other is known as class B. In that village, there is no other type of person except these two. The activities of both types of people are governed by perfectly patterned norms of social behaviour. Each person of the tribe has to obey the norms. They are rigid about this.

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- As far as marriage is concerned, the following norms are to be followed
- (A) The people of class A cannot marry any other member of their own class, though they can marry members of class B.
- (B) After being married, each male member ceases to be a member of that class in which he was born but automatically, he becomes the member of the other class to which his wife belongs.
- (C) As far as females are concerned, they remain the members of their own class after being married.
- (D) On his birth, the child automatically becomes the member of his mother's class.
- (E) When any male member becomes widower or divorcee, then he again belongs to the group in which he was born.
- (F) Nobody can marry more than one person according to social laws.
- 71. Any class B female can have
 - (P) Grandfather born in class A
 - (Q) Grandmother born in class A
 - (a) Only (P) can be true
- (b) Only (Q) can be true
- (c) Either (P) or (Q) can be true
- (d) Neither (P) and (Q) can be true
- (e) Both (P) and (Q) can be true
- One boy, who was born in class B (boy and his wife both can have married and unmarried brothers),
 - (a) can have his daughter in class B (b) can have a son-in-law born in class A
 - (c) can have his uncle from any class (d) can have a divorced son in class B
 - (e) can have a daughter-in-law born in class A.
- 73. Which of the following marriages is not permissible according to the social laws?
 - (a) Any girl of class B marries his mother's brother.
 - (b) Any widower marries his wife's sister.
 - (c) Any boy of class B marries his father's sister.
 - (d) Any widower born in class A marries his brother's widow.
 - (e) Any widow marries the former divorced husband of her daughter.

ANSWERS

- (a): Grandmother is one female, mother is another, wives of four sons are the four females and two daughters of all four sons are eight females.
 - So, in all there are 1+1+4+8=14 females.
- (c): Shalini is Meena's step-daughter means Shalini is the daughter of the other wife of Rohan. So, Shalini is the daughter of Lakshmi or Lakshmi is the mother of Shalini.
- 3. (b): Anil is the brother of Daya and Daya is the son of Chandra. So, Anil is the son of Chandra. Now, Bimal is the father of Chandra.
 - So, Anil is the grandson of Bimal.
- Clearly, the only daughter of Monika's father is Monika herself. So, Rahul's mother is Monika. Thus, Monika's husband is the father of Rahul.
- (c): M is the brother of N and B is the brother of N.
 So, M is the brother of B.
- 6. (a): Deepak is the son of Ravi, who is the son of Rekha. Thus, Deepak is the son of Rekha.
- 7. (d): A is the sister of B and B is the daughter of C. So, A is the daughter of C. Also, D is the father of C. So, A is the granddaughter of D.

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8. (a): Clearly, D is the brother of E and E is the daughter of B. So, D is the son of B. Also, A is the brother of B. So, A is the uncle of D.

- 9. (d): T is the brother of S, who is the daughter of R. So, T and S are the children of R. Now, Q is the brother of R. So, T and S are the cousins of Q.
- 10. (d): C is B's daughter and D is B's son. So, D is the brother of C. E is a male married to C. So, E is the husband of C, whose brother is D. So, D is the brother-in-law of E.
- 11. (a): A is father of C and C is sister of D. So, A is father of D. But D is son of B. So, B is the mother of D and wife of A. Also, E is the brother of A. So, B is the sister-in-law of E.
- 12. (a): S is daughter of P and sister of T. So, T is daughter of P. Now, the sister of P is the daughter of M. This means that P is also the daughter of M. Clearly, T is the granddaughter of M. So, M is the Grandfather or Grandmother of T.
- 13. (a): A is the son of B and D is the son of the sister of B. So, A is the cousin of D.
- 14. (c): E is the daughter of C and D is the son of C. So, F, who is the maternal uncle of D, is also the maternal uncle of E. Thus, E is the niece of F.
- 15. (c): Clearly, F is the maternal uncle of D means F is the brother of D's mother i.e., F is the brother of C. C is the sister of B. So, F is the brother of B who is A's mother. Thus, F is the maternal uncle of A. So, A and D are the nephews of F i.e., F has two nephews.
- 16. (c): D is the son of B, B is the brother of C and A is the father of C. This means that B is the father of D and A is the father of B. So, A is the grandfather of D. Now, F is the spouse of A. So, F is the grandmother of D.
- 17. (a): As explained above, B is the son of A and F is the spouse of A. So, B is the son of F.
- 18. (b): C is A's father's nephew means C is the son of A's father's brother i.e., C is the cousin of A. D is also A's cousin. So, D must be real brother or sister of C. But D is not brother of C. So, D must be sister of C.
- 19. (d): Q and R are sisters. So, T is the mother of R means T is the mother of Q and R. S is the son of T means S is the brother of Q. Thus, P is the son of Q means S is the maternal uncle of P.
- 20. (d): A is the brother of B and B is the brother of C. So, C may be the brother or sister
- 21. (c): A is the father of X and Y is the sister of X. So, Y is the daughter of A.
- 22. (a): Jagat is the brother of Priya and Priya is the daughter of Sachin. So, Jagat is the son of Sachin. Now, Rajan is the brother of Sachin. Thus, Rajan is the uncle of Jagat.
- 23. (c): Neelam's father is Deepak. Deepika's mother is Rekha. Deepak is the third child of Ramlal. So, Deepak's younger sister Rekha is the daughter of Ramlal. So, Ramlal is father of Rekha and grandfather of her daughter Deepika.
- 24. (e): P, Q, R are children of same parents. So, S who is R's mother and T, who is P's father will be mother and father of all three. However, it is not mentioned whether Q is male or female. So, (e) cannot be definitely true.
- 25. (b): A is the brother of F who is the daughter of D. So, A is the son of D. P is the brother of D. So, P is the uncle of A.
- 26. (e): K is the brother of N and X. So, Y, who is the mother of N and Z, who is the father of K, will be mother and father of all three. However, it is not mentioned whether N is male or female.
 So, the statement (e) cannot be definitely true.
- 27. (c): Boy's maternal uncle will be brother of boy's mother. Maternal uncle of mother's brother and maternal uncle of lady are brother means lady is sister of mother's brother i.e., lady is the mother of the boy. So, the boy is woman's son.
- 28. (c): C is the wife of B and D is mother of B. So, C is the grandmother of A. So, C is the mother of A.

- 29. (d): Clearly, the sex of A cannot be determined.
- 30. (e): The sex of A is not known. So, neither (a) nor (b) is definitely true. Clearly, D is the grandmother of A and F.
- 31. (b): C is wife of B. So, one couple is BC. Now, D is grandmother of A. B is the son of D and his wife C is the mother of F. So, D is also the grandmother of F. But F is the granddaughter of E. So, E is the grandfather of F and the husband of D. Thus, DE is another couple.

Questions 32 to 37

B is the son of C but C is not the mother of B means C is the father of B. A is married to C means A is the mother of B. F. is brother of B means F is son of A and C. D is daughter of A means D is daughter of A and C.

- 32. (d): A is the mother and hence female. B is the son and hence male. C is the husband and hence male. D is the daughter and hence female. E is the brother and hence male. F is the son and hence male. So, there are four males.
- 33. (d): Clearly, A is the mother of B.
- 34. (c): A has son B, son F and daughter D i.e. three children.
- 35. (d): Clearly, from the data available, the wife of E cannot be determined.
- 36. (d): Clearly, the females are only the mother A and the daughter D.
- 37. (c): E is the brother of C who is the father of D. So, E is the uncle of D.

Questions 38 to 42

E is the daughter of A and F is the mother of E. So, A is the father of E and hence the husband of F. Now, D is the daughter of F. So, D and E are the daughters of A and F.

Also, A is the son of C. Now, only B remains. Thus, B and C are the parents of A.

- 38. (d): The sex of B and C cannot be determined.
- 39. (e): Clearly, A and F are the parents of the children D and E.
- 40. (b): Clearly, B and C are the parents of the couple.
- 41. (c): Clearly, the females in the family are: either B or C, F, D and E.
- 42. (d): Clearly, D and E are sisters.
- 43. (a): E is married to A or D. But B is married to D. Thus, E is married to A. Thus, A, B, D, E are the four adults and C, F, G are the three children in the family. B and D have a child G.

A and E have two children. They are C and F.

Now, only F and G are girls. So, C is a boy. Thus, C is A's or E's son.

Questions 44 to 48

A is a male and married to B. So, A is the husband and B is the wife. C is the brother of A. D is the son of C. E, who is the sister of D will be the daughter of C. B is the daughter-in-law of F whose husband has died means F is the mother of A.

- 44. (a): Clearly, F is the mother of A.
- 45. (b): Clearly, E is the daughter of C.
- 46. (b): C is the brother of A who is the husband of B. So, C is the brother-in-law of B.
- 47. (c): A is a male. B, the wife, is female. C, the brother, is male. D, the son, is male. E, the sister, is female. F, the mother, is a female. So, there are three males.
- 48. (c): F is the mother of A and C is the brother of A. So. F is the mother of C
- 49. (b): Shobha is the niece of Ashish means Ashish is the uncle of Shobha. Now, Priya is Ashish's mother. So, Priya is the grandmother of Shobha. Hari is Priya's father. So, Shobha is the great granddaughter of Hari.

Questions 50 to 54

D is father of A and grandfather of F. So, A is father of F. Thus, D and A are the two fathers. C is the sister of F. So, C is the daughter of A. Since there is only one mother, it is evident that E is the wife of A and hence the mother of C and F. So, B is brother of A. There are three brothers. So, F is the brother of C.

- 50. (d): Clearly, E is the mother.
- 51. (c): Clearly, A is E's husband.
- 52. (d): A, the father, is male. B, the brother, is male. C, the sister, is female. D, the grand-father, is male. E, the mother, is female. F, the brother, is male. So, there are four males.
- 53. (c): Clearly, F is the son of A.
- 54. (a): Clearly, B and A are brothers. F is the brother of C. So, three brothers are A, B, F.

Questions 55 to 66

Q is the son of R but R is not the mother. So, R is the father of Q. P is married to R. So, P is the wife of R and the mother of Q. X is the daughter of P and hence of R and so she is the sister of Q. Y is the brother of R and Z is the brother of P.

- 55. (b): R is the husband of P and Z is the brother of P. So, Z is the brother-in-law of R.
- 56. (a): R is the father of Q.
- 57. (b): Clearly, Q is the son of P and X is the daughter of P. So, P has two children.
- 58. (b): There are two females only mother P and daughter X.
- 59. (c): X is the sister of Q who is a male. So, Q is brother of X.
- 60. (d): Clearly, Y is brother of R who is a male. So, Y and R are a pair of brothers.

Questions 61 to 65

C is the daughter-in-law of A who is the grandmother of F means C is the mother of F. But F is the son of B. So, B is C's husband. But C, the lawyer, is married to the Doctor. So, B is the Doctor. F, the Accountant, will be the son of B and C. E is the unmarried Engineer. So, the other married couple can be that of grandmother of F i.e. A and D. But D, the Salesman, is married to the Lady Teacher. So, D, the Salesman, is the grandfather of F, father of B and the husband of A, the Lady Teacher.

- 61. (d): Clearly, from the given data, the relation between E and F cannot be determined.
- 62. (b) : Clearly, B is the Doctor.
- 63. (b): A is the Lady Teacher.
- 64. (e): The two couples are C and B; and D and A which is none among the choices.
- 65. (a): D is the grandfather of F.

Questions 66 to 70

Q, the Doctor, is the father of T. S, the Housewife, is the grandmother of T and hence the mother of Q. Since there are only two married couples one being that of Q, the grandfather of R i.e. U must be married to S. Thus, R and T will be both children of Q and these must be the students. So, P, who remains, shall be the wife of Q and she alone can be the nurse. Thus, U must be the contractor.

- 66. (c): The husband of P will be Q.
- 67. (a): Clearly, R and T are children of same parents. So, R will be the sister of T.
- 68. (b): P is the nurse.
- 69. (b): The two married couples are Q, P and U, S.
- 70. (a): Clearly, for definite the males are Q, the father and U, the grandfather.
- 71. (b): The mother of class B female belongs to class B. So, her father was born in class A. Thus, her father's mother belonged to class A, and father's father was born in class B. So, the Grandfather belongs to class B and Grandmother belongs to class A.

72. (c): The boy born in class B will marry a girl of class A. So, the daughter will belong to class A. Thus, (a) is false.

Since the boy's daughter will belong to class A, she would marry a boy of class B and so the son-in-law would be from class B. So, (b) is false.

The boy, born in class B, will have mother born in class B and father born in class A. So, his uncle (i.e. mother's brother or father's brother) can be from class A or B. So, (c) is true.

73. (a): A girl of class B will have mother born in class B and so the mother's brother will also belong to class B. Since people of any class cannot marry the members of their own class, so the condition in (a) is not permissible.

TYPE 3 : CODED RELATIONS

In such questions, the relationships are represented by certain codes or symbols such as +, -, \times , \div , +, -, etc. Then relationships between certain persons, given in the form of these codes, are to be analysed.

- Ex. 1. If A + B means A is the sister of B; A B means A is the brother of B; $A \times B$ means A is the daughter of B, which of the following shows the relation that E is the maternal uncle of D?
 - (a) D + F × E

(b) D - F × E

(c) $D \times F + E$

(d) $D \times F - E$

- (e) None of these.
- Sol. Clearly, E is the maternal uncle of D means D is the daughter of the sister (say F) of E i.e. D x F + E.
 Hence, the answer is (c).
- Ex. 2. Read the following information carefully and answer the questions that follow:

A + B means A is the son of B; A - B means A is the wife of B; $A \times B$ means A is the brother of B; A + B means A is the mother of B and A = B means A is the sister of B.

- 1. What does P+R-Q mean?
 - (a) Q is the father of P.
 - (c) Q is the uncle of P.
- 2. What does P × R ÷ Q mean ?
 - (a) P is the brother of R.
 - (c) P is the uncle of Q.
- 3. What does P = R + Q mean?
 - (a) P is the aunt of Q.
- (c) P is the niece of Q.

 4. What does P = R + Q mean?
 - (a) P'is the aunt of Q.
 - (c) Q is the niece of P.

- (b) Q is the son of P.
- (d) Q is the brother of P.
- (b) P is the father of Q
- (d) P is the nephew of Q.
- (b) P is the daughter of Q.
- (d) P is the sister of Q.
- (b) P is the sister of Q.
- (d) Q is the daughter of P.

Solution:

- Clearly, P + R Q means F is the son of R who is the wife of Q i.e. Q is the father of P. Hence, the answer is (a).
- P × R + Q means P is the brother of R who is the mother of Q i.e. P is the uncle of Q. So, the answer is (c).

of R?

- P = R + Q means P is the sister of R who is the son of Q i.e. P is the daughter of Q. So, the answer is (b).
- P = R + Q means P is the sister of R who is the mother of Q i.e. P is the aunt of Q. So, the answer is (a).

EXERCISE 5C1. P + Q means P is the brother of Q; P - Q means P is the mother of Q and $P \times Q$

means P is the sister of Q. Which of the following means M is the maternal uncle

| | $(a) \mathbf{M} + \mathbf{K} + \mathbf{R}$ | (b) $\mathbf{M} - \mathbf{R} + \mathbf{K}$ | (c) $\mathbf{M} + \mathbf{K} - \mathbf{R}$ |
|-----|---|--|--|
| | (d) $M + K \times R$ | (e) None of these | |
| 2. | If $A + B$ means A is the is $A \times B$ means A is the siste of P ? | brother of B ; $A \div B$ means or of B , which of the following | |
| | (a) $N \times P + M$ | (b) $M + S + R + P$ | (c) $M + N \times P$ |
| | (d) $M + K \div T \times P$ | (e) None of these. | |
| | Directions (Questions 3 t | | nformation and answer |
| the | questions giver below it | | |
| | A + B means A is the daug | ther of B ; $A \times B$ means A | is the son of B and A - B |
| mea | ans A is the wife of B. | | |
| 3. | If $P \times Q - S$, which of the | following is true ? | |
| | (a) S is wife of Q | (b) S is father of P | (c) P is daughter of Q |
| | (d) Q is father of P | (e) None of these | |
| 4. | If $T - S \times B - M$, which of | the following is not true? | |
| | (a) B is mother of S | (b) M is husband of B | (c) T is wife of S |
| | (d) S is daughter of B | (e) S is son of B | |
| 5. | If $\mathbf{Z} \times \mathbf{T} - \mathbf{S} \times \mathbf{U} + \mathbf{P}$, what | is U to Z. | |
| | (a) Mother | (b) Grandmother | (c) Father |
| | (d) Can't be determined | J | |
| 6. | $P \times Q$ means P is the sister P is the mother of Q. Whi | of Q ; $P + Q$ means P is the ch of the following means S | |
| | (a) $\mathbf{T} \times \mathbf{M} + \mathbf{S}$ | (b) $S + T \times M$ | (c) $S \times M + T$ |
| | $(d) \mathbf{S} \times \mathbf{M} + \mathbf{R} - \mathbf{T}$ | (e) None of these | (B.S.R.B. 1997 |
| 7. | If A + B means A is the se means A is the sister of B, the maternal uncle of P? | on of B ; $A - B$ means A is then which of the followin | |
| | (a) $P + B - R \times Q$ | (b) $P - B + R \times Q$ | (c) $P + B \times R - Q$ |
| | (d) $P \times B - R + Q$ | (e) None of these | (648) 57 |
| 8. | If A + B means A is the m | nd A - B means A is the do | |
| | (a) $\mathbf{D} - \mathbf{C}$ (b) $\mathbf{D} \times \mathbf{P} - \mathbf{C}$ | $C \qquad (c) \ \mathbf{C} - \mathbf{P} + \mathbf{D} \qquad (d) \mathbf{I}$ | P + D + C (e) $D - P + C$ |
| 9. | If X o Y means X is the u means X is the sister of Y daughter of R? | wife of Y ; $X * Y$ means X is Y , which of the following W | |

| | (a) A * C □ D o B | (b) A o C * D □ | В | (c) A □ C o D * B |
|-----|---|---|--------------------------|---|
| | (d) A C * D o B | (e) None of thes | se | |
| | Directions (Questions | 10 to 12) : Study th | he informa | tion given below and |
| ins | wer the questions tha | it follow: | | |
| | A + B means A is the d | aughter of B; A - B m | neans A is t | he husband of B ; $A \times B$ |
| nea | ns A is the brother of E | 3. | | |
| 10. | If P+Q-R, which of t | the following is true? | • | 177 |
| | (a) R is the mother of | P (b) R is the | sister-in-la | w of P |
| | (c) R is the aunt of P | (d) R is the | mother-in- | law of P |
| 11. | If $P \times Q + R$, which of t | the following is true? | • | |
| | (a) P is the brother of | R (b) P is the | uncle of R | |
| | (c) P is the son of R | (d) P is the | e father of | R |
| 12. | If P + Q × R, which of | the following is true? | , | |
| | (a) P is the niece of R | (b) P is the | daughter o | f R |
| | (c) P is the cousin of F | R (d) P is the | daughter-in | n-law of R |
| 13. | If (A) P+Q means Pi | s the brother of Q; | | |
| | (B) P × Q means P i | s the father of Q; | | |
| | (C) P - Q means P i | is the sister of Q, | | |
| | which of the following | represents S is the n | iece of T? | |
| | (a) $T \times M + S - K$ | (b) $K - S \times M +$ | T | (c) $T + M \times S - K$ |
| | (d) $T \times S + M - K$ | (e) None of the | se | (Bank P.O. 1995) |
| 14. | To find out the answer | r to the above question | on, which of | the statements can be |
| | | dy (c) C only (d) | B or C only | (e) All are necessary |
| 15. | If P + Q means P is ti | he husband of Q; P+ | Q means I | o is the sister of Q and shows A is the daughter (Bank P.O. 1996) |
| | (a) $C \times B + A$ | (b) $B + C \times A$ | | (c) $\mathbf{D} \times \mathbf{B} + \mathbf{C} + \mathbf{A}$ |
| | (d) $\mathbf{A} \div \mathbf{D} \times \mathbf{B}$ | (e) None of the | | |
| 16. | | | | ne father of Z and X + Z n which of the following (B.S.R.B. 1998) |
| | (a) T is N's daughter | (b) N is wife of Q | (c) M is | mother-in-law of Q |
| | (d) Q is wife of N | 그 사람이 어디어 사람들이 얼마나를 하는 것이 되었다. 그렇게 되었다. | | |
| | 그렇게 많아 하나 빠게 가득하게 되어 가게 되었다면 하는 생각을 된다고 하다. | 요시아니다 아이는 아이는 아이는 그 아이를 받는데 없다니다. | | information carefully |
| and | l answer the question | | | |
| A | A + B means A is the fi is the brother of B; $A +$ | ather of B; A - B mea B means A is the day | ns A is the aghter of B. | wife of B; A × B means |
| | If P+R+S+Q, which | | | |
| | (a) P is the daughter | of Q (b) Q | is the aunt | of P |
| | (c) P is the aunt of Q | (d) P | is the moth | er of Q |
| 18. | If $P - R + Q$, which of | 100000 10000 10000 10000 10000 | | |
| | (a) P is the mother of | | is the daug | |
| | (c) P is the aunt of Q | (d) P | is the siste | er of Q |
| | co, a to the name of Q | (ω) Ι | 19 VIIC SISVE | a or q |

19. If P × R ÷ Q, which of the following statements is true? (b) P is the father of Q (a) P is the uncle of Q (c) P is the brother of Q (d) P is the son of Q 20. If $P \times R - Q$, which of the following is true? (a) P is the brother-in-law of Q (b) P is the brother of Q (d) P is the father of Q (c) P is the uncle of Q 21. If P+R+Q, which of the following is true? (a) P is the brother Q (b) P is the son of Q (d) P is the father of Q (c) P is the husband of Q 22. If P + R + Q, which of the following is true? (a) P is the father of Q (b) P is the brother of Q (c) P is the mother of Q (d) P is the sister of Q 23. If P × R + Q, which of the following is true? (a) P is the uncle of Q (b) P is the father of Q (c) P is the brother-in-law of Q (d) P is the grandfather of Q 24. If P-R × C, which of the following is true? (b) Q is the husband of P (a) P is the sister of Q

ANSWERS

(c) P is the sister-in-law of Q

 (c): M is the maternal uncle of R means M is the brother of the mother (say K) of R i.e. M + K - R.

(d) Q is the son of P

- M is the uncle of P means M is the brother of the father (say K) of the sister (say T) of P i.e. M + K + T x P.
- 3. (b): P × Q S means P is the son of Q who is the wife of S i.e. P is the son of S or S is the father of P.
- 4. (d): T-S×B-M means T is the wife of S who is the son of B who is the wife of M i.e. T is the wife of the son of M (father) i.e. T is the daughter-in-law of M. But as this is not given in the choice, so the fact in (d) derived from S×B is true.
- 5. (b): Z × T S × U means Z is the son of T who is the wife of S who is the son of U i.e. Z is the son of S who is the son of U i.e. Z is the grandson of U or U is the grandmother or grandfather of Z. From the choice, (b) is true.
- 6. (c): S is the aunt of T means S is the sister of the father (say M) of T i.e. S x M + T.
- 7. (a): Q is the maternal uncle of P means P is the son of the sister of Q i.e. P is the son of the husband (say B) of the sister (say R) of Q i.e. (P+B-R×Q).
- 8. (c): C is the niece of D means C is the daughter of the brother (say P) of D i.e. C P + D.
- (d): A is the daughter of B means A is the sister of the son (say C) of the wife (say-D) of B i.e. A □ C * D o B.
- 10. (a): P+Q-R means P is the daughter of Q who is the husband of R i.e. R is P's mother.
- 11. (c): P × Q + R means P is the brother of Q who is the daughter of R i.e. P is the son of R.
- 12. (a): P+Q×R means P is the daughter of Q who is the brother of R i.e. P is the niece of R.
- (c): S is the niece of T means T is the brother of the father (say M) of S i.e. T + M x S.
- 14. (c): Clearly, statement (c) can be dispensed with while answering the above question.
- 15. (d): A is the daughter of B means A is the sister of the son (say D) of B i.e. A + D × B.

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16. (d): $M - N \times T + Q$ means M is the mother of N who is the father of T who is the daughter of Q i.e. M is the grandmother of the daughter of Q i.e. M is the mother of Q. Since this is not given in the choices, so the fact in (d) derived from $N \times T + Q$ is true.

- 17. (c): P + R + S + Q means P is the daughter of R who is the father of Q i.e. P is the sister of the father (S) of Q i.e. P is the aunt of Q.
- 18. (a): P-R+Q means P is the wife of R who is the father of Q i.e. P is the mother of Q.
- 19. (d): P × R + Q means P is the brother of R who is the daughter of Q i.e. P is the son of Q.
- 20. (a): P × R Q means P is the brother of R who is the wife of Q i.e. P is the brother-in-law of Q.
- 21. (c): P+R+Q means P is the father of R who is the daughter of Q i.e. P is the father of R and Q is the mother of R i.e. P is the husband of Q.
- 22. (d): P+R+Q means P is the daughter of R who is the father of Q i.e. P is the sister of Q.
- 23. (a): P × R + Q means P is the brother of R who is the father of Q i.e. P is the uncle of Q.
- 24. (c): P-R×Q means P is the wife of R who is the brother of Q i.e. P is the sister-in-law of Q.

6. PUZZLE TEST

This section comprises of questions put in the form of puzzles involving certain number of items, be it persons or things. The candidate is required to analyse the given information, condense it in a suitable form and answer the questions asked.

The questions on Puzzle Test may be of any of the following types :

- I. Classification Type Questions
- II. Seating/Placing Arrangements
- III. Comparison Type Questions
- IV. Sequential order of things
- V. Selection based on given conditions
- Questions involving family members their relationship, their professions, their preferences etc.
- VII. Jumbled up Problems

TYPE 1: CLASSIFICATION TYPE QUESTIONS

This type consists of questions in which certain items belonging to different groups or possessing different qualities are given along with some clues with the help of which the candidate is required to group and analyse the given items and answer the questions accordingly.

Ex. 1. Read the following information carefully and answer the questions that follow:

There are six cities A, B, C, D, E and F.

A is not a hill station.

B and E are not historical places.

D is not an industrial city.

A and D are not historical cities.

A and B are not alike.

- Which two cities are industrial centres?
 - (a) A and B (b) E and F
- (c) C and D (d) B and F (e) A and D
- 2. Which two cities are historical places?
 - (a) A and C (b) B and F (c) C and F
- (d) B and E (e) A and D
- 3. Which two cities are hill stations?
 - (a) A and B (b) C and A (c) B and D (d) A and F (e) None of these
- 4. Which city is a hill station and an industrial centre but not a historical place?

 (a) E

 (b) F

 (c) A

 (d) B

 (e) C
- 5. Which two cities are neither historical places nor industrial centres?
 - (a) A and B (b) D and E (c) F and C (d) B and D (e) None of these

Solution: The given information can be analysed as follows:

| | A | В | C | D | E | F |
|---------------|---|---|-----|---|---|---|
| Historical | × | × | 4 | × | × | V |
| Industrial | V | × | 1 | × | V | V |
| Hill Stations | × | V | - √ | √ | 4 | V |

Since A and B are not alike and because A is industrial, B cannot be industrial but only a hill station. So, we put a cross for B across Industrial.

- Clearly, A. C. E and F are Industrial Centres. So, the answer is (b).
- 2. Clearly, C and F are Historical places. So, the answer is (c).
- Clearly, B, C, D, E and F are Hill stations. So, the answer is (c).
- 4. E alone is a Hill station and an Industrial centre but not a Historical place. So, the answer is (a).
- B and D are neither Historical places nor Industrial centres. So, the answer is (d).

Ex. 2. Read the following information carefully and answer the questions that follow:

- Five friends P, Q, R, S and T travelled to five different cities of Chennai, Calcutta, Delhi, Bangalore and Hyderabad by five different modes of transport of Bus, Train, Aeroplane, Car and Boat from Mumbai.
- (ii) The person who travelled to Delhi did not travel by boat.
- (iii) R went to Bangalore by car and Q went to Calcutta by aeroplane.
- (iv) S travelled by boat whereas T travelled by train.
- (v) Mumbai is not connected by bus to Delhi and Chennai. (Bank P.O. 1995)
- 1. Which of the following combinations of person and mode is not correct?
 - (a) P Bus
- (b) Q Aeroplane
- (c) R Car

- (d) S Boat
- (e) T Aeroplane
- 2. Which of the following combinations is true for S?
 - (a) Delhi Bus
- (b) Chennai Bus
- (c) Chennai Boat

(d) Data inadequate

(d) Chennai + Boat

- (e) None of these
- 3. Which of the following combinations of place and mode is not correct?
 - (a) Delhi Bus
- (b) Calcutta Aeroplane
- (c) Bangalore Car

- (e) Hyderabad Bus
- 4. The person travelling to Delhi went by which of the following modes?
 - (a) Bus
- (b) Train
- (c) Aeroplane
- (d) Car
- (e) Boat

- 5. Who among the following travelled to Delhi?
 - (a) R
- (b) S
- (c) T
- (d) Data inadequate
- (e) None of these

Solution: The given information can be analysed as follows:

- (A) Mode of Transport : R travels by Car, Q by Aeroplane, S by Boat and T by Train. Now, only P remains. So, P travels by Bus.
- (B) Place of Travel: R goes to Bangalore, Q to Calcutta. Now, bus transport is not available for Delhi or Chennai. So, P who travels by Bus goes to Hyderabad. S travels by boat and hence, by (ii), did not go to Delhi. So, S goes to Chennai. Now, only T remains. So, T goes to Delhi.

| | Place | Mode |
|---|-----------|-----------|
| P | Hyderabad | Bus |
| Q | Calcutta | Aeroplane |
| R | Bangalore | Car |
| s | Chennai | Boat |
| T | Delhi | Train |

- Clearly, the incorrect combination is T Aeroplane. So, the answer is (e).
- 2. Clearly, the correct combination for S is Chennai Boat. So, the answer is (c).
- Clearly, the incorrect combination is Delhi Bus. So, the answer is (a).
- 4. Clearly, T travelled to Delhi by Train. So, the answer is (b).
- 5. Clearly, T travelled to Delhi. So, the answer is (c).

EXERCISE 6A

Directions (Questions 1 to 5): Read the following information and answer the questions based on it: (Bank P.O. 1996)

| | In a school, th | ere were five t | eachers. A and | B were teachin | g Hindi and En | glish. |
|-----|-----------------|-----------------|-----------------|------------------|------------------|--------|
| | | | | D and A were to | eaching Mathen | natics |
| and | Hindi. E and | B were teachi | ng History and | l French. | | |
| 1. | Who among t | he teachers w | as teaching ma | ximum number | of subjects? | |
| | (a) A | (b) B | (c) C | (d) D | (e) E | |
| 2. | Which of the | following pair | s was teaching | both Geography | and Hindi? | |
| | (a) A and B | (b) B and C | (c) C and A | (d) D and B | (e) None of t | hese |
| 3. | More than tw | o teachers we | re teaching wh | ich subject ? | | |
| | (a) History | (b) Hindi | (c) French | (d) Geography | (e) Mathema | tics |
| 4. | D, B and A v | vere teaching | which of the fo | llowing subjects | ? | |
| | (a) English of | nly | (b) Hindi and | English | (c) Hindi onl | у |
| | (d) English a | nd Geography | (e) Mathemat | ics and Hindi | | |
| 5. | Who among t | he teachers w | as teaching les | s than two subje | ects ? | |
| | (a) A (b) | B (c) D | (d) Data inad | equate (e) The | ere is no such t | eacher |
| | Directions (6 | Questions 6 to | 10) : Study th | e following inf | formation care | fully |
| and | l answer the | questions the | at follow: | 333) A 3 | (M.B.A. | 1997) |
| | Madhu and Si | hobha are good | in Dramatics | and Computer | Science. | |
| | Anjali and Ma | dhu are good | in Computer S | cience and Phys | ics. | |
| | Anjali, Poonar | n and Nisha a | re good in Phy | sics and History | 7. | |
| | Nisha and An | jali are good i | n Physics and | Mathematics. | | |
| | Poonam and S | Shobha are goo | d in History a | nd Dramatics. | | |
| 6. | Who is good | in Computer S | cience, History | and Dramatics | ? | 1 |
| | (a) Anjali | (b) Mad | hu (c) S | Shobha (d |) Nisha | 55 |

(c) Madhu

(c) Madhu

7. Who is good in Physics, Dramatics and Computer Science?

(b) Poonam

(b) Shobha

8. Who is good in Physics, History and Dramatics?

(a) Shobha

(a) Poonam

(d) Anjali

(d) Anjali

| 9. | Who is good i | n History, Physics, Co | mputer Science | e and Mathematics ? |
|-------------|------------------------------|---|----------------------------------|---|
| | (a) Poonam | (b) Nisha | (c) Madhu | (d) Anjali |
| 10. | Who is good in | n Physics, History and (b) Poonam | Mathematics b | out not in Computer Science (d) Anjali |
| 11. | Ravi is not v | wearing white and A t colours. Sachin alone | iay is not wea e wears red. | ring blue. Ravi and Soha (Central Excise, 1992) aring different colours? |
| | (a) Red | (b) Blue | (c) White | (d) Can't say |
| | Directions (Q | uestions 12-13) : Stud | ly the followin | ng information and answe |
| the | questions git | en below it: | | |
| | (i) Kailash, | Govind and Harinder | are intelligent | • 5 |
| | (ii) Kailash, | Rajesh and Jitendra a | re hard-worki | ng. |
| | (iii) Rajesh, I | Iarinder and Jitendra | are honest. | ·=.: |
| | (iv) Kailash, | Govind and Jitendra | are ambitious. | |
| 12. | Which of the | following persons is n | either hard-wo | rking nor ambitious ? |
| | (a) Kailash | (b) Govind (c) I | larinder (d |) Rajesh (e) None of thes |
| 13. | Which of the fo | ollowing persons is neitl | ner honest nor h | ard-working but is ambitious |
| | (a) Kailash | | |) Harinder (e) None of the |
| | Directions (Q | uestions 14 to 17) : Re | ad the followi | ng information and answe |
| | questions the | | | (Railways, 199 |
| not frie | sum, Vimla an Iike Sushma | d Poonam. Sushma ar and Vimla. Kusum d ima. Sushma does not | nd Vimla are f oes not care f | endly with four girls Sushma riends. Ved's girl friend doe or Ved. Prem's girl friend |
| | (a) Sushma | (b) Kusum | (c) Vimla | (d) Poonam - |
| 15. | With whom is | s Sushma friendly? | | (4 |
| | (a) Raj | (b) Prem | (c) Ved | (d) Ashok |
| 16. | Who is Poons | m's boy friend? | | |
| | (a) Ashok | (b) Ved | (c) Prem | (d) Raj |
| 17. | | like Sushma and Vin | | to be well of |
| | (a) Poonam | (b) Raj | (c) Ashok | (d) Ved |
| 18. | twice, Austra | lia defeated West Indi dies defeated New Ze | es twice, India | e, West Indies defeated Indi defeated New Zealand twice Which country has lost most |
| | (a) India | (b) Australia | (c) New Z | ealand (d) West Indies |
| | | | | I. Tax & Central Excise, 199 |
| 100 | | | ad the follow | ing information and answe |
| the | | ven below it : | | |
| T.F. | | | | field. A and B are from Nehr |
| HOL | ise while the r | est belong to Gandhi l | nouse. D and I | are tall while the others a |

short. A, C and D are wearing glasses while the others are not.

19. Which two students, who are not wearing glasses are short?

(a) A and F (b) C and E (c) B and F (d) E and F (e) None of these

| 20. | Which short | student of Gar | dhi House is no | t wearing glass | es? |
|-----------------------------------|---|--|---|--|--|
| | (a) F | (b) E | (c) B (a | l) A (e) | Data inadequate |
| 21. | Which tall st | tudent of Gand | hi House is not | wearing glasses | 9 |
| | (a) B | (b) C | (c) E (c | (e) | None of these |
| 22. | Delhi while t | he rest are from | n Bangalore. D a hers are boys. W | nd F are tall w | . A and B are from hile others are short. girl from Bangalore? (d) F |
| | 2 727.22 | 120 20 20 | 0 1000 0 | | Central Excise, 1996) |
| | B, C, E, F h | ave green cover le the rest are extracts. Which | rs while others h old volumes. A, h two volumes | ave yellow cove C, B are law re are old medica (As | B, C, D, E and F. ers. A, D, B are new eports while the rest l extracts and have essistant Grade, 1996) |
| | (a) B, C | (b) C, D |) (c |) C, È | (d) E, F |
| | Directions (| Questions 24 t | o 28) : Read the | following info | ormation carefully |
| and | d answer the | questions gir | en below it : | | |
| F h is a terr Che sch | ave Physics as an optional sums of compul- emistry is an o ool has Englis What is C's | s one of their subject of both C sory and option optional subject th as her compo compulsory sub | abjects. F's computand E. History and E. History and subjects, the of only one of the ulsory subject. | alsory subject is and English are y are just reve em. The only fo | alsory subject. E and Mathematics which e A's subjects but in erse of those of D's. emale teacher in the |
| 25. | (a) History Who is a fen | (b) Physics nale member in | (c) Chemistry | (a) English | (e) Mathematics |
| 20. | (a) A, | (b) B | (c) C | (d) D | (e) E |
| 26. | | | | and the second s | jects as those of F's? |
| | (a) D | (b) B | (c) A | (d) C | (e) None of these |
| 27. | Disregarding has the same | which is the | compulsory and ombination as F | which is the o | ptional subject, who |
| | (a) A | (b) B | (c) E | (d) D | (e) None of these |
| 28. | | | ps has History a | | |
| | (a) A, C, D | (b) B, C, D | a | (d) A, B, C | (e) A, D |
| | | 이 마시다 아니라 아이를 모었다. 얼마나 나를 모았다. | | following info | ormation carefully |
| ane | | questions the | | C | (Bank P.O. 1996) |
| | | ve their birth | | | embers of a family. The member in one of |
| | (iii) Each or | e likes one pa | articular item fo stries, Ice Cream | | nday out of Bengali |
| | | | | | ch is exactly middle |

in the months given.

| after Namita. | | Substitute of the transfer of the transfer of the transfer of the |
|--|---|---|
| (vii) Namita does not like D | ry fruits or Ice cream. | |
| 29. What is the choice of Asha | ? | |
| (a) Pastries | (b) Dry fruits | (c) Bengali sweets |
| (d) Cannot be determined | (e) None of these | |
| 30. Which combination of month | and item is true for Jay | yant? |
| (a) March — Pastries(d) Cannot be determined | (e) None of these | (c) February — ice cream |
| 31. What is the choice of Kama | 1? | |
| (a) Ice cream | (b) Bengali sweets | (c) Dry fruits |
| (d) Cannot be determined | (e) None of these | |
| 32. In which month was Kamal | born ? | t |
| (a) January | (b) May | (c) January or May |
| (d) Data inadequate | (e) None of these | |
| Directions (Questions 33 to and answer the questions tha | | ng information carefully (8.B.I.P.O. 1997) |
| (i) P, Q, R, S, T and U are | six students procuring th | heir Master's degree in six ny, Physics, Statistics and |
| (ii) Two of them stay in host two stay at their home. | | est (PG) and the remaining |
| (iii) R does not stay as PG | | |
| (iv) The students studying | [1982] - [1982] - 1983 - [1982] - 1982] - 1983 - [1982] - 1983 - [1982] - 1983 - 1980 | not stay as PG. |
| (v) T studies Mathematics | [2017] [25] - 1 (14) (15) (15) (15) (15) (15) (15) (15) (15 | |
| (vi) U and S stay in hostel. | | ays at home. |
| 33. Who studies English? | | |
| (a) R (b) S | (c) T (d) U | (e) None of these |
| | [[10] [6] [[1] [1] [1] [[1] [[1] [[1] [[1] [| 보는 사람들이 가득하다 가격을 만나 하게 되었다. |
| 35. Which of the following pairs (a) QR (b) SR (c) | US (d) Data inadequ | |
| 36. Which subject does Q study | ? | |
| (a) History (d) Data inadequate | (b) Statistics (c) None of these | e) History or Statistics |
| 37. Which of the following pairs | | ne ? |
| (a) PQ (b) QR | (c) RS (d) ST | (e) None of these |
| Directions (Questions 38 | | 할 때 가다가 있는 그렇게 하는 내가 사내가 되었다. |
| answer the questions given be | elow it: (8 | tenographer's Exam, 1994) |
| Rohit, Kunal, Ashish and Jo from the school and one near it class VI. They study Hindi, Mar at all the four subjects while an the school and is good at Math | Two study in class IV, thematics, Social Science other is weak in all of t | one in class V and one in and Science. One is good hese. Rohit stays far from |

(v) Asha does not like Ice cream but brings Chocolates for Jayant in February. (vi) Tanmay who is fond of Bengali sweets is born in the next month immediately

| | | he school. Neitheall the subjects s | | | sh studies in class |
|---------------------------|---|---|--|--|---|
| 38. Na | ne the boy who | is good at all the | subjects. | | |
| | 중앙하지하다 지독했 및 | (b) Kunal | (c) Ash | ish | (d) John |
| 39. Na | me the boy who | is weak in all th | e subjects. | | |
| (a) | Rohit | (b) Kunal | (c) Ash | ish | (d) John |
| 257.77 | (2014년(1915년 - 경기 - 191) | good at Hindi? | | | 300,000 10 |
| | Rohit and Kuna | | (b) Kunal ar | d Ashish | |
| | Ashish and John | | (d) John and | | |
| 41. Wh | ich two boys are | good at Mathen | natics ? | | |
| | Rohit and Ashis | | (b) Kunal ar | d Ashish | |
| (c) | John and Ashish | 70 1 | (d) Rohit an | d John | |
| | ner than Rohit as | nd the boy good | at all the subj | ects, who e | else stays far from |
| (a) | Rohit | (b) Kunal | (c) Ash | ish | (d) John |
| Dir | ections (Questi | ons 43 to 45) : | Study the gi | ven inform | mation carefully |
| | | ions that follow | | 188 | (Bank P.O. 1997) |
| (i) | There are six f | riends A, B, C, I |), E and F. | | |
| (ii) | | oficient in one of | | mely Badr | ninton, Volleyball, |
| (iii) | | 행동을 마시아 얼마나 되는데 한다는데 하지 않는데 아니다. | | low, green. | black, white, blue |
| , | and red. | | , | | |
| (iv) | D plays Polo at | nd owns a yellow | coloured car. | | |
| (v) | C does not play coloured car. | either Tennis o | Hockey and | owns neith | er blue nor yellow |
| (vi) | E owns a white | car and plays I | Badminton. | | |
| | | Tennis, he own | | ed car. | |
| (viii) | A plays Cricket | t and owns a bla | ck car. | | |
| 43. Wh | o plays Volleyba | 11 ? | | | |
| (a) | В | (b) C | | (c) F | |
| (d) | Data inadequate | (e) Non | e of these | | |
| 44. Wh | ich coloured car | F owns? | | | |
| (a) | Green | (b) Blue | 9 | (c) Either | Green or Blue |
| (d) | Data inadequate | (e) Non | e of these | 0000 Ai | |
| | ich of the follow rect ? | ring combination | s of colour of | car and g | ame played is not |
| | Yellow — Polo Red — Hockey | | en — Tennis e of these | (c) Black | — Cricket |
| 46. In act Jal am and low | a group of six verses and three verse and Shailja dong the dancers. It two of them ar | women, there ar iolinists. Girija a o not know how Jalaja, Vanaja, | e four dancer and Vanaja ar to play on the Shailja and Ta If Pooja is an | e among the violin. Shai anuja are a actress, w | al musicians, one he violinists while lja and Tanuja are all vocal musicians tho among the fol- (I.A.S. 1993) (d) Pooja |

ANSWERS

Questions 1 to 5

The given information may be analysed as under:

| | English | Hindi | Mathematics | Geography | History | French |
|---|---------|-------|-------------|-----------|---------|--------|
| Α | 4 | V | 1 | \ | | |
| В | V | 1 | | 1 | V | 1 |
| С | 4 | | | ٧ | | |
| D | | V | V . | | | |
| E | | | | | V | V |

(b): B teaches maximum number of subjects i.e. 5.

2. (e): Only B teaches both Hindi and Geography.

3. (b): Three teachers were teaching Hindi — A, B and D.

4. (c): D, B and A were teaching Hindi.

5. (e): None of the teachers was teaching less than two subjects.

Questions 6 to 10

The given information can be analysed as under:

| | Dramatics | Computer Sc. | Physics | History | Mathematics |
|--------|-----------|--------------|----------|----------|-------------|
| Madhu | V | V | V | | |
| Shobha | V | V | | V | |
| Anjali | | V | V | V | 1 |
| Poonam | V | | V | V | |
| Nisha | | | 4 | √ | 1 |

6. (c): Shobha is good in Computer Science, History and Dramatics.

7. (c): Madhu is good in Physics, Dramatics and Computer Science.

8. (a): Poonam is good in Physics, History and Dramatics.

9. (d): Anjali is good in History, Physics, Computer Science and Mathematics.

10. (c): Nisha is good in Physics, History and Mathematics but not in Computer Science.

11. (d): The fourth colour and some more information are required.

Questions 12-13

We may prepare a table as under :

| | Intelligent | Hard-working | Honest | Ambitious |
|------------|-------------|--------------|----------|-----------|
| Kailash | . 1 | V | | √ |
| Govind | V | | | V |
| Harinder | V | | V | |
| Rajesh | • | V | V | |
| Jitendra , | 1 | V | N | √ |

12. (c): Harinder is neither hard-working nor ambitious.

13. (b): Govind is ambitious but neither honest nor hard-working.

Questions 14 to 17

Sushma and Vimla are friends and Prem's girl friend is friendly with Sushma. This means that Prem's girl friend is Vimla.

Ved's girl friend does not like Sushma and Vimla. So, she is either Kusum or Poonam. But Kusum does not care for Ved. So, Ved's girl friend is Poonam.

Sushma does not like Raj. So, Raj's girl friend is Kusum.

Clearly, Ashok's girl friend is Sushma.

14. (b): Raj's girl friend is Kusum.

15. (d): Sushma is friendly with Ashok.

16. (b): Poonam's boy friend is Ved.

17. (a): Ved's girl friend i.e., Poonam does not like Sushma and Vimla.

18. (c): Australia was defeated twice by India.

India was defeated twice by West Indies.

West Indies was defeated twice by Australia.

New Zealand was defeated twice by India and twice by West Indies i.e. 4 times in all.

Questions 19 to 21

We may prepare a table as under :

| | Nehru House | Gandhi House | Tall | Short | Glasses | No glasses |
|---|-------------|--------------|------|-------|---------|------------|
| A | V | | | 1 | 1 | |
| В | V | | 0.0 | V | | V |
| С | | ٧ . | | V | V | |
| D | | V | 1 | | 1 | |
| E | | V | | V | | V |
| F | | V | V | | | V |

19. (c): B and E are short and not wearing glasses.

20. (b): E belongs to Gandhi House, is short and does not wear glasses.

21. (d): F belongs to Gandhi House, is tall and is not wearing glasses.

| | Delhi | Bangalore | Tall | Short | Girls | Boys |
|---|-------|-----------|----------|-------|----------|------|
| A | V | | | 1 | √ | |
| В | 1 | | | 1 | | √ |
| С | _ | ٧ | | 1 | V | |
| D | | ٧ | V | | V | |
| E | | ٧ . | | V | | √ |
| F | | 1 | V | | yaya | V |

Clearly, D is the tall girl from Bangalore.

23. (d):

| | Green Cover | Yellow Cover | New Volume | Old Volume | Law Reports | Medical Extracts |
|---|----------------|-----------------|---------------|---------------|----------------|---------------------|
| A | | V | 4 | 7 7 7 | 1 | |
| В | ٧. | - | 1 | | V | |
| C | V | | | 1 | ٧. | |
| D | | ٧ | . 4 | | | V |
| E | ٧ | | | V | | 4 |
| F | ٧ | | | V | | V |

Clearly, E and F are old volumes which have green covers and are medical extracts.