



**Jayakrishnan
EduTips**

LATEST PATTERN LOGICAL & ANALYTICAL REASONING



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- .Extensive MCQs with Detailed Solutions
- .Precisely Aligned with the Latest Banking Exam Pattern
- .Time-Saving Techniques (TST) for Faster and Accurate Problem-Solving

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Students are today enlightened and focused. They know what they are up to. They need just a ray of guidance. I feel I have accomplished the reason of my existence on this earth. Proud to be that faint ray of guidance, proud to be a reason of smile on certain lips, proud to be your teacher, friend and guide.

Jayakrishnan Ramachandran

Latest Pattern

LOGICAL & ANALYTICAL REASONING



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CODING DECODING

Direction (1-5) Read the following information carefully and answer the question.

In a Certain Code "TECHNO, ORGANISATION, DARK" is written as "156\$W, 20%F, 42%J" and "BIRD, RUSSIA, CHOCLATE" is written as "72%M, 42\$Z, 20%N"

1. What is code for "ORGANIZE" in same code?
 (1) 72 \$ W (2) 30 % W
 (3) 72 % W (4) 156 % W
 (5) None of these
2. What is code for "RUSSIA" in same code?
 (1) 72 \$ W (2) 42 \$ Z
 (3) 7 2% W (4) 42 % Z
 (5) None of these
3. What is code for "TECHNO CHOCLATE" in same code?
 (1) 42 % J, 72 % M (2) 72 % W, 42 % M
 (3) 42 \$ J, 72 \$ M (4) 20 % N, 72 % M
 (5) None of these
4. Give the suitable word for given code.
 11 0 \$ F
 (1) RAINBOW (2) MATHEMATIC
 (3) CULTURES (4) OMNIVORS (5) None of these
5. Give the suitable word for given code.
 72 % W
 (1) CHOCLATE (2) TECHNO
 (3) RESULT (4) ORGANIZE
 (5) None of these

Direction (6-8) Study the following codes carefully to answer the questions given below-

In a certain code language 'Live healthy' is coded as '31D 6G' and 'Raman want money' is coded as '14E 15D 29E'.

6. What is the code for 'mysterious way' in that code language?
 (1) 26J 44C (2) 44J 26C
 (3) 42J 24C (4) 40J 26D
 (5) None of these
7. What is the code for 'Literature' in that code language?
 (1) 27I (2) 25H
 (3) 28K (4) 29J
 (5) None of these
8. What is the code for 'Yesterday' in that code language?
 (1) 26I (2) 24I
 (3) 20J (4) 24J
 (5) None of these
9. In a certain code language 'MEASURE' is written as 'NIJHTNV'. How 'STREAMS' written in that code language?
 (1) TXZVZJK (2) UXZVZHI
 (3) TXAVZIJ (4) XATVIJZ
 (5) None of these

Direction (10-12) Read the following information carefully and answer the question.

In a certain code language "Strange persons" is coded as "3.5T 3.5F" and "Walking is good" is coded as "3.5R 1F 2U".

10. How "breaking" coded in that code language?
 (1) 4T (2) 8S
 (3) 4S (4) 4R
 (5) None of these
11. How "Forecast" coded in that code language?
 (1) 2D (2) 4D
 (3) 4E (4) 16E
 (5) None of these

12. How "mithai" coded in that code language?
 (1) 6P (2) 3P
 (3) 3Q (4) 6Q
 (5) None of these

Direction (13-17) In a certain code "ASTONISH, CARPET, MUSHROOM" is written as "49I\$, 81S@, 81W\$" and "TOURISM, MONEY, HAPPY" is written as "36T\$, 36I@, 64W\$".

13. How "REPTILE, LIZARD" written in same code ?
 (1) 36 V\$, 64Q@ (2) 49V@, 64P\$
 (3) 49W\$, 64Q\$ (4) 36W\$, 49Q\$
 (5) None of these
14. How "DESIGNER" written in same code ?
 (1) 64I\$ (2) 36J@
 (3) 81I@ (4) 81I\$
 (5) None of these
15. Give suitable word for given code ?
 "36P\$, 64E@"
 (1) BIRD, POPULATION
 (2) CHILD, GREEN
 (3) WORLD, POPULAR
 (4) CHILD, LABOUR
 (5) None of these
16. How "CARPET, MONEY" Written in same code ?
 (1) 49I\$, 36I@ (2) 49J@, 36I\$
 (3) 64W\$, 49I\$ (4) 81W\$, 36T\$
 (5) None of these
17. Give suitable word given code ?
 "64W\$, 81W\$"
 (1) HAPPY, MUSHROOM
 (2) TOURISM, CARPET
 (3) MONEY, MUSHROOM
 (4) TOURISM, ASTONISH
 (5) None of these

Direction (18-19) Read the following information carefully and answer the question.

In a certain code language "mirror image" is coded as "33S 12O" and "Stream light" is coded as "6H 28S".

18. What is the code for 'variety' in that code language?
 (1) 25A (2) 26G
 (3) 24Z (4) 23A
 (5) None of these

19. What is the code for 'Strictly' in that code language?
 (1) 24G (2) 20U
 (3) 23G (4) 23H
 (5) None of these

Direction (20-24) Read following information carefully & answer the question ?

In a certain code "STYLE, MARRIAGE, COMPANY" is written as "36\$T, 16\$Y, 49@F" "SCHOOL, UNIVERSE, BREATH" is written as "49@S, 25\$W, 25@H".

20. What is the code for "TESMUS COMPANY" in same code language ?
 (1) 25@H, 36\$\$ (2) 49@J, 16\$U
 (3) 25@J, 36\$T (4) 25\$H, 36@ S
 (5) None of these
21. What is the code for "SCHOOL, GROUP" is same code ?
 (1) 25@ H, 16\$W (2) 36\$H, 16@W
 (3) 25\$H, 16\$U (4) 49@H, 25@V
 (5) None of these
22. Give the suitable word for given code 36 @ Y?
 (1) MACHINE (2) SIZZLER
 (3) STARDOM (4) MARKET
 (5) None of these
23. Give the suitable word for given code 25 @ D? (1)
 MAJOR (2) RUSSIA
 (3) MOTHER (4) HYBRID
 (5) None of these
24. What is code for "JOYFUL TOURIST" in same code ?
 (1) 25@T, 36\$T (2) 25\$T, 36\$W
 (3) 36@U, 25@U (4) 25@T, 36@T
 (5) None of these

Direction (25-27) Study the following codes carefully to answer the questions given below-

In a certain code language 'Everyone wants money' is coded as '24T 15F 15Z' and 'Akhil like travelling' is coded as '15M 12T 30R'.

25. What is the code for "Eduverto" in that code language?
 (1) 16K (2) 24K
 (3) 12J (4) 24J

26. What is the code for 'Renovation' in that code language?
 (1) 30K (2) 20J
 (3) 30L (4) 20M
 (5) None of these
27. What is the code for 'Chaturvedi' in that code language?
 (1) 10Q (2) 20R
 (3) 30P (4) 15R
 (5) None of these
28. In a certain code language 'ENDEVEOUR' is written as 'JRGHXFLQM'. How 'CONSTABLE' written in that code language?
 (1) TESDVYTHZ (2) TFRDWYSIZ
 (3) ESTTVZDHY (4) TSEDVTYHZ
 (5) None of these
29. In a certain code language 'FRANCE' is coded as 'FUGZZM'. How 'LAYOUT' coded in that code language?
 (1) DENPQN (2) DDNPRN
 (3) DEMPQN (4) DDMORN
 (5) None of these
30. In a certain code language 'MIRACLE' is coded as '@%\$!&*#' and 'MOST' is coded as '@@<?'. How 'REST' coded in that code language?
 (1) \$*>? (2) \$#<?
 (3) \$#>? (4) #<?<?
 (5) None of these

Direction (31-33) Read the following information carefully and answer the question.

In a certain code language "wait here" is coded as "12F 12U" and "so tired" is coded as "6K 15V".

31. What is the code for 'move' in that code language?
 (1) 12V (2) 12U
 (3) 16U (4) 16V
 (5) None of these
32. What is the code for 'love you' in that code language?
 (1) 12E 9U (2) 16E 12U
 (3) 12E 12U (4) 12U 9E
 (5) None of these
33. In a certain code language 'URANIUM' is coded as 'FUVLHRH'. How 'LEISURE' is coded in that code language?

- (1) MHMHAPT (2) NIMGZPT
 (3) NHMGZOT (4) NMHGOZT
 (5) None of these

Direction (34-35) Read the following information carefully and answer the question.

In a certain code language "study hard" is coded as "15R 12O" and "mix vegetable" is coded as "9U 27D".

34. What is the code for 'measure' in that code language?
 (1) 21X (2) 21W
 (3) 14X (4) 14W
 (5) None of these
35. What is the code for 'Akhil' in that code language?
 (1) 12E (2) 16E
 (3) 12F (4) 15E
 (5) None of these

Direction (36-38) Study the following codes carefully to answer the questions given below-

In a certain code language 'One meet together' is coded as '19F 10H 22P' and 'start playing cricket' is coded as '21J 13N 27N'.

36. What is the code for 'Marketing' in that code language?
 (1) 20Q (2) 19R
 (3) 19 Q (4) 18R
 (5) None of these
37. What is the code for 'Tesmus' in that code language ?
 (1) 24L (2) 22K
 (3) 24K (4) 24J
 (5) None of these
38. What is the code for 'Laptop' in that code language?
 (1) 12R (2) 17K
 (3) 16K (4) 17L
 (5) None of these
39. In a certain code language 'MOVEMENT' is coded as 'IYQNBKR'. How 'STRANGER' written in that code language?
 (1) FUVTYKNS (2) FTWUAKMR
 (3) EUVTZLMS (4) EVUTZMLS

40. In a certain code language 'QWERTY' is written as 'HYRVRQ'. How 'SECOND' written in that code language?
- (1) EHTBLM (2) FGTALN
(3) FTGLAN (4) EFUBKM
(5) None of these

Direction (41-43) Study the following codes carefully to answer the questions given below-

In a certain code language 'make strong laws' is coded as '12P 38X 24P' and 'solve this sum' is coded as '27T 17P 34L'.

41. What is the code for 'Stair'?
- (1) 20T (2) 22S
(3) 21U (4) 21T
(5) None of these
42. What is the code for 'Recent update'?
- (1) 8X 20X (2) 8X 21Y
(3) 9Y 20X (4) 9X 21Y
(5) None of these
43. What is the code for 'Chimni'?
- (1) 16Y (2) 17W
(3) 17X (4) 18X
(5) None of these
44. In a certain code language 'ARIHANT' is coded as 'LTBMQLZ'. How 'EDITION' coded in that code language?
- (1) LEFXKNG (2) KEFZLMG
(3) LFFYKMH (4) LFYFMKH
(5) None of these
45. In a certain code language 'MATURE' is coded as '@%#&@*' 'VOICE' is coded as '\$&!^*' then 'VOMATE' will be coded as.
- (1) 7% (2) 6%
(3) 7.5% (4) 8%
(5) None of these

Direction (46-47) In a certain code language "wonderful days" is coded as "35N 23B" and "Feeling pain" is coded as "13V 30R".

46. What is the code for 'useful' in that code language?
- (1) 32U (2) 33U
(3) 34V (4) 33V
(5) None of these

47. What is the code for 'vehicle' in that code language?
- (1) 27T (2) 27S
(3) 26S (4) 28S
(5) None of these

Directions(48-50) Study the following information carefully and answer the given questions:

In a certain code language,
'gear the deal start' is written as 'tpan tcha tga tmo', 'start are pick stick' is written as 'tta tha tcum tpan',
'gear the devil start' is written as 'tga tcha tshe tpan' and 'pick stick you' is written as 'tha tcum tva'.

48. What does the code 'tta' stand for in the given code language?
- (1) stick (2) pick
(3) start (4) are
(5) Either (2) or (3)
49. What is the code for 'deal'?
- (1) tpan (2) tcha
(3) tmo (4) tshe
(5) Either (1) or (2)
50. In the given code language, which of the following means 'devil start'?
- (1) tshe tpan
(2) tva tmo
(3) tha tcum
(4) Cannot be determined
(5) Either (1) or (2)

Direction (51-55) Study the following information carefully and answer the questions given below:

We are aware that result - *26D @5Z +37U /10D ^17W
Are rapidly changing in few days - ^17G #65F /10D /10I !50U @5L
Athlete overtakes the performance - \$82R &122S !50D /10W
Based on the top list - /10W *26E ^17Q /10W @5R

51. What is the code for "Top"?
- (1) @5R (2) ^17Q
(3) /10W (4) +65U
(5) None of these

52. What is the code for "contested"?
- (1) ^5R (2) \$84F
(3) !64D (4) \$72F
(5) \$82F
53. What is the code for "We hope this happen" respectively?
- (1) !50D \$82R &122S @5Z
(2) +37K ^17K ^17w @5Z
(3) ^17K *26D /10W ^17W
(4) @5Z ^17K ^17W +37K
(5) None of these
54. What is the code Word for "%170F"?
- (1) Regional (2) Continental
(3) Association (4) Federation
(5) Communication
55. What is the code word for "#65H"?
- (1) Diabetes (2) Defeating
(3) Absolute (4) Engaging
(5) Compounds

Direction (56-60) Study the following information carefully and answer the questions given below:

In a certain code language,
Debate havoc consequence-*11W *60 %7B
Initiate ecology mining-%9J *8P %10B
Regulatory apex environment-%27P %26Q *8F
Sensitive monsoon reports-%22P *16P *22J

56. What is the code for 'associate profile' in this code language?
- (1) %8J *8B (2) *8C *7B
(3) %7C *8B (4) *8J *8B
(5) None of these
57. What is the code for 'conspirator evidence' in this code language?
- (1) %70 *20B (2) %70 *21B
(3) %70 *21B (4) %70 *21C
(5) None of these
58. Which of the following word represents the following code '*7I'?
- (1) Innovation (2) Compliment
(3) Revival (4) Impeached
(5) None of these
59. What is the code for 'Democrats majority' in this code language?
- (1) *27J *22B (2) *22B %27J
(3) *27J *21B (4) *26J *23B
(5) None of these

60. Which of the following word represents the following code '*7U %7J'?
- (1) surrender money
(2) task manager
(3) program evidence
(4) acquitted conservative
(5) None of these

Directions (61-64) Study the following information carefully and answer the questions given below it. Alpha-numeric elements are to be coded as follows:

Alpha-Numeric	2	Y	U	B	6	J	5	E	8	I	H	7	G	3	F
Code	@	&	%	#	*	\$	!	£	€	μ	^	¥	Ω	©	Ψ

Conditions: (i) If the first element is an even digit and the last element is a consonant, then both are to be coded as the code for the last element.
(ii) If the second element is a consonant and the fourth element is a vowel then codes of third and fifth digits are to be interchanged.
(iii) If both the first and the last element are an even digit, then both are to be coded as the code for the first element.
(iv) If the first element is an odd digit and the last element is an even digit, then their codes are to be interchanged.
(v) If the second element is a vowel and the fourth is a consonant, then codes of third and sixth element are to be interchanged.

61. What is the code for "6B7EYU2"?
- (1) *#£&¥%@ (2) *£&#¥%*
(3) *#&£¥%* (4) @#&£¥%*
(5) None of these
62. What is the code for "5E6YJG8"?
- (1) €£Ω\$&#! (2) €£Ω\$&\$!
(3) €£Ω\$&*€ (4) €£%\$&!
(5) None of these
63. What is the code for "8E5U63F"?
- (1) Ψ£*%!©Ψ (2) €£!%*©Ψ
(3) Ψ£!%*©Ψ (4) Ψ£©*%!Ψ
(5) None of these
64. What is the code for "3GUE8F6"?
- (1) *Ω€Ψ%£© (2) *Ω€£%Ψ©
(3) *Ω%£€Ψ© (4) *ΩΨ£%€©
(5) None of these

65. In a given code language "Daily Light Vision Common" is coded as "bk nj ta kd", "New Day Common Agent" is coded as "md ta rz fj", "Never Light New Bulb" is coded as "bk fj ct wx" and "Day Agent Vision Ago" is coded as "rz md kd sf". Code of which of the following statements is/are required to find code of "Never Agent" in same code language?

- (i) Daily Day Light Common Ago
(ii) Common Bulb Vision New Agent
(iii) Never Light Day Bulb Ago
(iv) Day Light New Common Bulb
(1) Only II (2) Only II or IV
(3) Only I and III (4) Only IV
(5) Only II or III or IV

Direction (66-70) Study the following information carefully and answer the questions given below:
In a certain code language,

'Movements resultant triumph' is coded as '12FN 20L 6NR'
'Essential terms for cricketer' is coded as '12LM 7MY 15PC 1IK'
'Feature follows careers' is coded as '16VP 1GP 13OU'
'Teenage session notes' is coded as '5HM 5GC 15ME'

66. How will 'Trained manager' be coded in that language?
(1) 6ZC 16RC (2) 5ZE 16RC
(3) 5ZC 16RE (4) 5ZC 16RC
(5) None of these
67. Which word is represented by '13ZS'?
(1) Follows (2) Released
(3) Endeavour (4) Woman
(5) None of these
68. How will 'Members' be coded in that language?
(1) 5YP (2) 6YP
(3) 6VP (4) 6YT
(5) None of these
69. '19RL 12LM 14ZE' would mean
(1) Stage for story
(2) Price different rate
(3) Stage for ancient
(4) Members work restriction
(5) traced back stories
70. How will 'Roots being correct' be coded in that language?

- (1) 17AI 5RL 1LR (2) 17IA 5LR 1RL
(3) 16IA 5RL 1LR (4) 17IA 5RL 1LR
(5) None of these

Directions (71-75) Study the following information carefully and answer the questions given below:

In a certain code language,
Financial concern receive - C\$Y13 L#J11 J\$O6
Extension track balance - I@Y L\$N9 C&I3
Tax corporate absolute - V@W4 C\$L2 C\$14
Budget citizen Left - R@P8 R#H18 L&J11

71. What is the code for 'Industrial production' in this code language?
(1) L\$Z3 J\$S2 (2) L\$Y2 J\$S3
(3) L\$Z2 J\$R3 (4) L\$Z2 J\$S3
(5) None of these
72. What is the possible coded for 'Allocation' in this coded language?
(1) L@K13 (2) L\$K13
(3) L%K13 (4) L#K13
(5) K&L13
73. 'Q#Y3 C#X14' is the code for which of the following?
(1) State planned (2) Scheme prospects
(3) State expects (4) State prospects
(5) None of these
74. Which of the following word represents 'E#I5'?
(1) Incurred (2) Backlog
(3) Student (4) Government
(5) Money
75. What is the code for 'Amount of disability pension' in this code language?
(1) R#G19 D@Q9 W\$N21 L&W2
(2) R&G9 D@Q19 W\$N21 L&W2
(3) R&G19 D@Q9 W\$N2 L&W21
(4) R&G19 D@Q9 W\$N21 L&W2
(5) None of these

Directions (76-80) In each question below is given a group of numbers / symbols followed by five combinations of letter codes numbered (1), (2), (3), (4) and (5). You have to find out which of the combinations correctly represents the group of numbers / symbols based on the following coding system and the conditions and mark the number of that combination as your answer:

Numbers/ symbols	4	&	#	8	1	0	^	6	3	!	%	@	7	5	*
Letter code	D	O	P	A	B	K	E	G	Q	R	V	S	W	M	L

Conditions: 1. If the second element is an odd number and the fifth element is a symbol then that both the elements have to be coded as 'J'.
2. If the first and the last both are symbols then they have to interchange their letter code.
3. If an even number is immediately preceded by a symbol but not followed by symbol then the symbol is to be coded as the even number.

76. ^06@4*

- (1) EBSG4L
(3) LBGS4E
(5) DOABER

- (2) EBSG4L
(4) LKGSDE

Solution

Ans.(1-5)

TECHNO = 42% J

42 - Total number of characters is 6

$6(6+1) = 42$

% - The position of the middle two axes is added, if it is even, write "\$" and if odd, write "%".

In the word given

C H

$3 + 8 = 11$

11 is odd so let's say "%".

J - Adds 5 letters to the second letter of the given word

$E + 5 = J$

Ans.1(3)

Ans.2(2)

Ans.3(1)

Ans.4(2)

Ans.5(4)

Ans.(6-8)

Live $\Rightarrow$ Second letter + Third letter $\Rightarrow$
 $9+2231$

Total letter $\Rightarrow 4$

According to English alphabetic series 4th letter $\Rightarrow$ D

So, code= 31D

Others codes will be made like this.

Ans.6(2)

44J 26C

Ans.7(4)

29J

Ans.8(2)

24I

77. 81&04%

(1) ABOKDV

(2) ABKODV

(3) ADKOBV

(4) AODKBV

(5) None of above

78. &314!8

(1) OJDBJA

(2) OJBDJA

(3) OBJHJA

(4) OJHBJA

(5) None of above

79. 1#6*03

(1) BGGLKQ

(2) BGGLKL

(3) BGLGKQ

(4) BPGLKQ

(5) BPGQLK

80. 0@%85*

(1) KSVVML

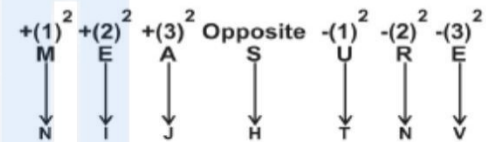
(2) KSAVML

(3) KSAAML

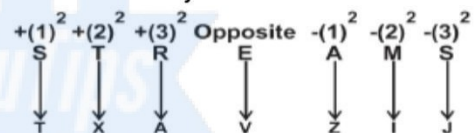
(4) KSAMAL

(5) None of above

Ans.9(3)



In the same way



Ans.(10-12) StrangeLast letterEOpposite-2= T

Total letters= $7 \div 2 = 3.5$

So, code= 3.5T

Other codes will be made like this.

Ans.10(4)

4R

Ans.11(3)

4E

Ans.12(2)

3P

Ans.(13-17) ASTONISH 81W\$

81 = Total number of letter is 8

$(8+1)^2 = 81$

W = Second last letter + 4 letter

$S + 4 = W$

\$ = If sum of places of first and last letter is even then "@" is placed & if odd then "\$" is placed.

$A + H$

$1 + 8 = 9$ odd

Hence \$ is written.

Ans.13(2) Ans.14(3) Ans.15(3)

Ans.16(1) Ans.17(4)

Ans.(18-19) STREAM $\Rightarrow$ Fourth letter + Fifth letter

$\Rightarrow E + A = 5 + 1 = 6$

Second letter $\Rightarrow T$ (Opposite + 1) $\Rightarrow H$

So, code = 6H

Other codes will be made like this.

Ans.18(5) 14A

Ans.19(5) 12H

Ans.(20-24) STYLE - 16 \$ Y

16 $\Rightarrow$ Total number of letter in given word is 5

$(5 - 1)^2 = 16$

\$ $\Rightarrow$ If second last letter of given word is at even place in alphabetic series then "\$" is written & if it is odd then "@" is written.

Here second last letter is "L" whose position is "12" which is even Hence "\$" is written.

Y $\Rightarrow$ 5 letters are added to second letter of given word.

T + 5 = Y

Ans.20(3) Ans.21(5) Ans.22(3)

Ans.23(4) Ans.24(4)

Ans.(25-27) Everyone $\rightarrow$ Total letters $\rightarrow 8 \times 3 = 24$

Last letter $\rightarrow E$ (Opposite - 2) $\rightarrow T$

So, code 24T

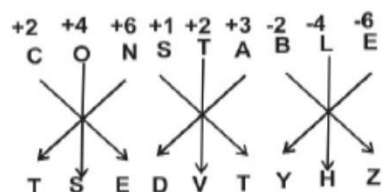
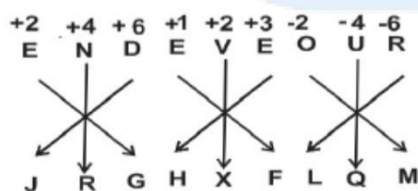
Other codes will be made like this.

Ans.25(4) 24J

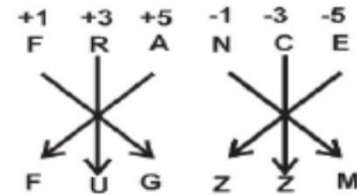
Ans.26(1) 30K

Ans.27(3) 30P

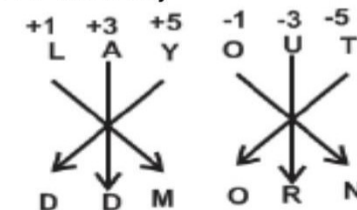
Ans.28(4) TSEDVTYHZ



Ans.29(4)



In the same way



Ans.30(2) \$#<?

Ans.(31-33)

wait = total letter = $4 \times 3 = 12$

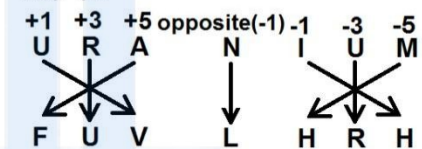
Last letter = T = (opposite - 1) = F

So, code = 12F

Other codes will be made like this.

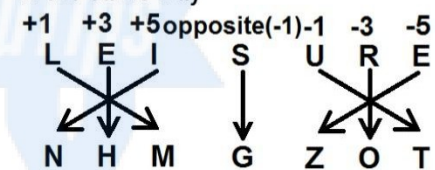
12U

12U 9E



Ans.33(3)

In the same way



Ans.(34-35) Study $\rightarrow$ third letter $\rightarrow U - 3 \rightarrow R$

Total letters = $5 \times 3 = 15$

So, code = 15R

Ans.34(1) 21X

Ans.35(4) 15E

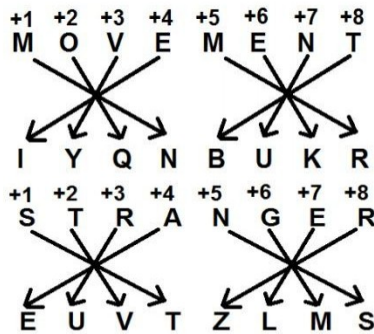
Ans.(36-38) One $\rightarrow$ Second letter + third letter $\rightarrow 14 + 5 \rightarrow 19$ Total letters $\rightarrow 3 \times 2 \rightarrow 6$ (Letter according to English alphabet) $\rightarrow F$ So, code $\rightarrow 19 F$. Other codes will be made like this.

Ans.36(2) 19R

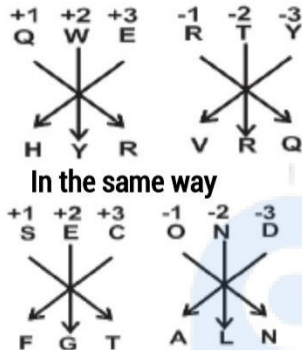
Ans.37(1) 24L

Ans.38(4) 17L

Ans.39(3)



Ans.40(2)



In the same way

Ans.(41-43) Make Second letter+ third letter

→ 1+11 → 12

Total letters → 4×4 → 16 → P

So, code → 12P

All other codes will be made like this.

Ans.41(4)

21 → T

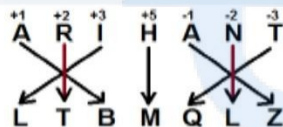
Ans.42(1)

8X 20X

Ans.43(3)

17X

Ans.44(3)



Ans.45(2) \$&@%#*

Ans.(46-47) wonderful → First letter+ Last letter

23+12 → 35

Third letter → N → Opposite letter → M

So, the code → 35N

Other codes will be made like this.

Ans.46(4)

33V

Ans.47(2)

27S

Ans(48-50)

Word	→	Code
Pick/stick	→	tha/tcum
you	→	tva
start	→	tpan
Are	→	tta
Gear/the	→	tga/tcha
Devil	→	tshe
Deal	→	tmo

Ans.48(4)

Ans.49(3)

Ans.50(1)

Ans.(51-55)

We are aware that result - ×26D @5Z

+37U /10D ^17W

Are rapidly changing in few days - ^17G

#65F /10D /10I !50U @5L

Athlete overtakes the performance - \$82R

&122S !50D /10W

Based on the top list - /10W ×26E ^17Q

/10W @5R

Example,

We -@5Z

@- Number of letter in a word (i.e., for symbol)

5- Square the total letters in a word+1 (i.e., for number).

Z- Third letter represents after the first letter of a word in alphabetically (i.e., for letter).

Ans.51(3)

Ans.52(5)

Ans.53(4)

Ans.54(5)

Ans.55(4)

Ans.(56-60)

For symbols,

If number of letters is odd, then use *, else use %.

For numbers,

If number of letters is odd, then 1st letter+3 else last letter+2.

For letter,

Third letter from the right end+1.

Ans.56(4)

Ans.57(2)

Ans.58(4)

Ans.59(2)

Ans.60(4)

Ans.61(3)

Given series = "6B7EYU2"

It follows condition (ii) & (iii),

thus "6B7EYU2" can be coded as "*#&£¥%*".

Ans.62(2)

Given series = "5E6YJG8"

It follows condition (iv) & (v),

thus "5E6YJG8" can be coded as "€£Ω&\$*!"

Ans.63(5)

Given series = "8E5U63F"

It follows condition (i),

thus "8E5U63H" can be coded as "Ψ£!%*©Ψ".

Ans.64(2)

Given series = "3GUE8F6"

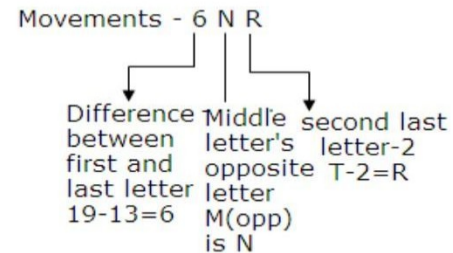
It follows condition (ii) & (iv),

thus "3GUE8F6" can be coded as "*Q££%Ψ©".

Ans.65(2) Common -> ta
 New -> fj
 Vision -> kd
 Light -> bk
 Daily -> nj
 Day/Agent -> rz/md (not necessary in same order)
 Never/Bulb -> wx/ct (not necessary in same order)
 Ago -> sf
 To find the code of "Never Agent" we need code of either "Day" or "Agent" and either "Never" or "Bulb".
 From (i) we have:
 Daily Day Light Common Ago
 We also have:
 Day/Agent -> rz/md (not necessary in same order)
 Never/Bulb -> wx/ct (not necessary in same order)
 From this we get code of "Day".
 Thus, code of "Never Agent" can't be determined.
 From (ii) we have:
 Common Bulb Vision New Agent
 We also have:
 Day/Agent -> rz/md (not necessary in same order)
 Never/Bulb -> wx/ct (not necessary in same order)
 From this we get code of "Bulb Agent".
 Thus, code of "Never Agent" can be determined.
 From (iii) we have:
 Never Light Day Bulb Ago
 We also have:
 Day/Agent -> rz/md (not necessary in same order)
 Never/Bulb -> wx/ct (not necessary in same order)
 From this we get code of "Never Bulb Day".
 Thus, code of "Never Agent" can't be determined.
 From (iv) we have:
 Day Light New Common Bulb
 We also have:
 Day/Agent -> rz /md (not necessary in same order)

Never/Bulb -> wx /ct (not necessary in same order)
 From this we get code of "Bulb Day".
 Thus, code of "Never Agent" can be determined.
 Hence, code of "Never Agent" can be determined from either (ii) or (iv).

Ans.(66-70)



Ans.66(4)

5ZC 16RC
 Code for Trained will be -
 For number $(T(20)-D(4))=16$
 For the first Letter-Middle letter in **trained** is I. Opposite letter of I is R.
 For the second Letter-second last letter $2=E-2=5-2=3=C$
 Code for **Manager** will be -
 For number $(M(13)-R(18))=5$
 For the first letter-Middle letter in **manager** is A. Opposite letter of A is Z
 For the second Letter-second last letter-
 $2=E-2=5-2=3=C$
 We can omit the options by seeing the second last letter-2

Ans.67(3)

So 13ZS code will be endeavour
 Code for endeavour will be -
 For number $(R(18)-E(5))=13$
 For the first Letter-Middle letter in **endeavour** is A. Opposite letter of A is Z.
 For the second Letter-second last letter-
 $2=U-2=21-2=19=S$

Ans.68(2)

Code for Members will be -
 For number $(S(19)-M(13))=6$
 For the first Letter-Middle letter in **members** is B. Opposite letter of B is Y.
 For the second Letter-second last letter-
 $2=R-2=18-2=16=P$

Ans.69(3)

Code for **Stage** will be -
 For number $(S(19)-E(5))=14$
 For the first Letter-Middle letter in **stage** is A. Opposite letter of A is Z.

For the second Letter-second last letter-
2=G-2=7-2=5=E

Code for **For** will be -

For number (R(18)-F(6))=12

For the first Letter-Middle letter in For is O.

Opposite letter of O is L.

For the second Letter-second last letter-
2=O-2=15-2=13=M

Code for **Ancient** will be -

For number (T(20)-A(1))=19

For the first Letter-Middle letter in ancient
is I. Opposite letter of I is R.

For the second Letter-second last letter-
2=N-2=14-2=12=L

Ans.70(4)

Code for **Roots** will be -

For number (S(19)-R(18))=1

For the first Letter-Middle letter in Roots is
O. Opposite letter of O is L.

For the second Letter-second last letter
2=T-2=20-2=18=R

Code for **being** will be -

For number (G(7)-B(2))=5

For the first Letter-Middle letter in being is
I. Opposite letter of I is R.

For the second Letter-second last letter-
2=N-2=14-2=12=L

Code for **correct** will be -

For number (T(20)-C(3))=17

For the first Letter-Middle letter in correct
is R. Opposite letter of R is I.

For the second Letter-second last letter
2=C-2=3-2=1=A

Ans.71(4)

Industrial production

Code for Industrial is J\$S3

Code for Production is L\$Z2

Ans.72(3)

Allocation

Five vowels has been used in this word.

New symbol is used as %.

Code for Allocation is L%K13

Ans.73(4)

Code for state is C#X14

Code for Prospects is Q#Y3

Ans.74(2) Code for Backlog is E#15

Ans.75(4) Code for Amount is R&G19

Code for of is D@Q9

Code for disability is W\$N21

Code for pension is L&W2

Ans.(76-80)Table given:

Number/ sign	4	&	#	8	1	0	^	6	3	!	%	@	7	5	*
Charact er code	D	O	P	A	B	K	E	G	Q	R	V	S	W	M	L

According to the given conditions:

Rule number	Terms	result
1	When the second post is an odd number and the fifth term is an icon	Both posts will be coded as 'J'.
2	When the first and last two post marks are	Both of the symbols must be mutated with their character code.
3	When a sum is not immediately before the mark but after the mark	The mark must be encoded as an even number.

Ans.76(4) Here another rule will be applied, that is, when both the first and last post marks are thus, ^ 06 @ 4 * will be coded as LKGSDE.

Ans.77(1) Here, if no condition is applicable, then we should code 81 & 04% as ABOKDV.

Ans.78(2) Here, the rule number will be applied first, i.e. when the second term is an odd number and the fifth term is a mark, therefore 314! 8 will be coded as OJBDJA.

Ans.79(4) Here, no rules apply so 1 # 6 * 03 will be coded as BPGLKQ.

Ans.80(3) Here, the third rule is applicable i.e. when an equal number is not immediately before the mark but after the mark, 0 @% 85 * will be coded as KSAAML.

BLOOD RELATION

Direction (1-5) Read following information carefully and answer the following questions.

'PXQ' means 'P is sister of Q'
 'P+Q' means 'P is mother of Q'
 'P-Q' means 'P is father of Q'
 'P÷Q' means 'P is brother of Q'
 'P%Q' means 'P is husband of Q'
 'P\$Q' means 'P is wife of Q'
 'P>Q' means 'P is Daughter of Q'
 'P<Q' means 'P is son of Q'

1. Which Expression shows I is grandmother of H.

- (1) $A - G \div H, C \% I + A$
- (2) $A + G \times B, B \% I + H$
- (3) $B > G + H, H - I \% H$
- (4) $B + G > H, I \$ A - H$
- (5) None of these

2. $K \% J + E \% D + H$

- (1) K is father of H
- (2) K is cousin of E
- (3) K is grandfather of H
- (4) K is sister of H
- (5) None of these

3. $H \times G < A \% B$

- (1) H is son of A
- (2) H is daughter of B
- (3) H is father of A
- (4) H is mother of A
- (5) None of these

4. $C - A \% B + G \div H$

- (1) C is grandfather of H
- (2) C is father of H
- (3) C is grandmother of H
- (4) C is mother of H
- (5) None of these

5. Which Expression shows H is maternal grandson of J

- (1) $H < E > K \div J$
- (2) $H \div E \% K + J$
- (3) $H < D \% K + J + E$
- (4) $H < E \% D > K \% J$
- (5) None of these

Direction (6-8) In a joint family, M is husband of N who is mother of K & L. J is father of Q and Q is sister of V who is son of L. D is father of J. R is son of S who is wife of K. D and T are married Couple.

6. How T is related to Q?
 (1) Grandson

- (2) Paternal Grandmother
- (3) Maternal Grandmother
- (4) Daughter - in - law
- (5) Data inadequate

7. How is L related to M?

- (1) Grandfather
- (2) Son
- (3) Daughter
- (4) Daughter in law
- (5) Data inadequate

8. How is N related to S

- (1) Mother
- (2) Father
- (3) Grand Mother
- (4) Mother in Law
- (5) None of these

Direction (9-13) Study the following information carefully and answer the questions.

All the persons mentioned belong to one family. Z is the only sibling of Y, who has only one daughter. M is married to N. O is grandchild of Y, who is not in same generation as M. L is aunty of O. N is mother-in-law of V. V and Z are sister-in-law of each other. S is married to R but is not a female.

9. How many married couples are there in the family?

- (1) One
- (2) Two
- (3) Three
- (4) Cannot be determined
- (5) None of these

10. How many generations are there in the given family?

- (1) 1
- (2) 2
- (3) 3
- (4) 4
- (5) None of these

11. How is M related to L?

- (1) Mother-in-law
- (2) Grandmother
- (3) Mother
- (4) Grand-daughter
- (5) None of these

12. How is Z related to S?

- (1) Mother
- (2) Sister
- (3) Aunty
- (4) Cannot be determined
- (5) None of these

13. Four of the following five are alike in a certain way based on their position, which of the following does not belongs to that group?

(1) V (2) Z
(3) R (4) L
(5) S

Direction (14-16) Read following information carefully and answer given questions ?

"P ÷ Q" means "P is wife of Q"
"P - Q" means "P is Husband of Q"
"P @ Q" means "P is sister of Q"
"P % Q" means "P is mother of Q"
"P * Q" means "P is father of Q"
"P + Q" means "P is son of Q"
"P © Q" means "P is daughter of Q"
"P \$ Q" means "P is brother of Q"

14. **Statement** S - T % V \$ K * R + J, V - N % B \$ C
Conclusion I. S is grandfather of R.
II. C is daughter of V.

(1) Only conclusion I follow
(2) Only conclusion II follow
(3) Both conclusions follow
(4) None follow
(5) Either conclusion I or II follow

15. **Statement** S - T % V \$ K * R + J, V - N % B \$
Conclusion I. N is grandmother of k.
II. J is daughter - in - Law of T.

(1) Only conclusion I follow
(2) Only conclusion II follow
(3) Both conclusion follow
(4) None follow
(5) Either conclusion I or II follow

16. **Statement** S - T % V \$ K * R + J, V - N % B \$ C
Conclusion I. S is son of K.
II. N is brother - in - Law of J

(1) Only conclusion I follow
(2) Only conclusion II follow
(3) Both conclusions follow
(4) None follow
(5) Either conclusion I or II follow

Direction (17-18) Read following information carefully and answer given questions ?

"P ÷ Q" means "P is wife of Q"
"P - Q" means "P is Husband of Q"

"P @ Q" means "P is sister of Q"
"P % Q" means "P is mother of Q"
"P * Q" means "P is father of Q"
"P + Q" means "P is son of Q"
"P © Q" means "P is daughter of Q"
"P \$ Q" means "P is brother of Q"

17. **Statement** N ÷ Q * B \$ L, V - J % K ÷ B * P
Conclusion I. V is Peternal grandfather of P
II. K is son of N.

(1) Only conclusion I follow
(2) Only conclusion II follow
(3) Both conclusion follow
(4) None follow
(5) Either conclusion I or II follow

18. **Statement** N ÷ Q * B \$ L, V - J % K ÷ B * P
Conclusion I. V is father in - law of B.
II. N, is grandmother of P.

(1) Only conclusion I follow
(2) Only conclusion II follow
(3) Both conclusion follow
(4) None follow
(5) Either conclusion I or II follow

Direction (19-23) Study the information carefully and answer the questions.

There are some members in the family. Lital is brother of Mohit, who has only one son. Arti is the sister-in-law of Riya and is the mother of Darshit. Riya is the child of Mohit. Arti is daughter-in-law of Komal. Ganesh and Toni are siblings. Ganesh is the son of Lital. Saumya is the sister-in-law of Mohit and has only two sons. Darshit is not the female member of the family. Toni and Ganesh are the cousins of Jolly. Saumya is not the sister of Komal, who is the grandmother of Eshika. Jolly has only one daughter. Riya is the daughter of Komal.

19. How is Riya related to Eshika?
(1) Mother (2) Niece
(3) Daughter (4) Aunt
(5) None of these

20. How is Mohit related to Darshit?
(1) Father (2) Grand-father
(3) Brother (4) Son
(5) None of these

21. How many children Ganesh have?
 (1) One (2) Two
 (3) None (4) Data inadequate
 (5) None of these
22. How many male members are there in the family?
 (1) 5 (2) 6
 (3) 4 (4) 3
 (5) None of these
23. Choose the correct option?
 (1) Lital is Brother of Ganesh.
 (2) Jolly has two children.
 (3) Arti is sister of Riya.
 (4) Lital is uncle of Toni.
 (5) None is true.

Direction (24-25) Read following information carefully and answer given question?

"P ÷ Q" means "P is wife of Q".
 "P - Q" means "P is Husband of Q".
 "P @ Q" means "P is sister of Q".
 "P % Q" means "P is mother of Q".
 "P * Q" means "P is father of Q".
 "P + Q" means "P is son of Q".
 "P © Q" means "P is daughter of Q".
 "P \$ Q" means "P is brother of Q".

- (1) Only conclusion I follow
 (2) Only conclusion II follow
 (3) Both conclusion follow
 (4) None follow
 (5) Either Conclusion I or II is true

24. **Statement** A - B % L @ G * K + T,
 D - L % F @ Q + D
Conclusion (I) Q is Grandson of A
 (II) K is Father of A
 (1) Only conclusion I follow
 (2) Only conclusion II follow
 (3) Both conclusions follow
 (4) None follow
 (5) Either I or II follow
25. **Statement** A - B % L @ G * K + T,
 D - L % F @ Q + D
Conclusion (I) A is son - in - Law of T.
 (II) B is grand mother of F.
 (1) Only conclusion I follow
 (2) Only conclusion II follow
 (3) Both conclusions follow

- (4) None follow
 (5) Either I or II follow
26. **Statement** U - M % T \$ H * G © F,
 N * F © K, T * B © L
Conclusion (I) N is Grand father of H.
 (II) L is daughter - in - law of U
 (1) Only conclusion I follow
 (2) Only conclusion II follow
 (3) Both conclusions follow
 (4) None follow
 (5) Either I or II follow
27. **Statement** U - M % T \$ H * G © F, N * F © K, T * B © L
Conclusion (I) N is grandfather of B
 (II) F is granddaughter of B.
 (1) Only conclusion I follow
 (2) Only conclusion II follows
 (3) Both conclusions follow
 (4) None follow
 (5) Either I or II follow
28. A is B's brother. C is A's mother. D is C's father. E is B's son. How is D related to A?
 (1) Son (2) Grandson
 (3) Grandfather
 (4) Cannot be determined
 (5) None of these

Direction (29-30) Read following information carefully and answer given question?

"P ÷ Q" means "P is wife of Q"
 "P - Q" means "P is Husband of Q"
 "P @ Q" means "P is sister of Q"
 "P % Q" means "P is mother of Q"
 "P * Q" means "P is father of Q"
 "P + Q" means "P is son of Q"
 "P © Q" means "P is daughter of Q"
 "P \$ Q" means "P is brother of Q"

29. G-K%L\$M*V+T@C, L-B%Q©L
 How L related to G?
 (1) Father (2) Son
 (3) Father-in-law (4) Son-in-law
 (5) None of these
30. G-K%L\$M*V+T@C, L-B%Q©L
 How V related to K?
 (1) Father (2) Son
 (3) Father-in-law (4) Son-in-law
 (5) None of these

Directions (31-33) Answer the questions based on the information given below.

There are eight members, A through H in a family. There is only one single parent in the family. D's mother's only sister's only daughter's only brother is C. A is the only brother in law of C. H is the only sister of F, who is the mother in law of E, who is the single child of her parents. B, who is the uncle of D, is the father of G. D is unmarried and has no siblings.

31. What is the ratio of males to females in the family?
 (1) 12 (2) 35
 (3) 53 (4) 23
 (5) Cannot be determined
32. How is C related to G?
 (1) Brother (2) Brother in law
 (3) Cousin (4) Either (1) or (2)
 (5) None of these
33. How is B related to E?
 (1) Father (2) Father in law
 (3) Uncle (4) Either (1) or (2)
 (5) None of these

Direction (34-35) study the following information carefully and answer the below questions.

A*B – A is Wife of B
 A%B – A is Mother-in-law of B
 A@B – A is Son of B
 A+B – A is Daughter of B
 A-B – A is Brother-in-law of B
 A^B – A is Grandfather of B
 A/B – A is Niece of B

34. $A + P \wedge M * B - Q @ T$; If R is a child of M then, how is P related to R?
 (1) Grandfather (2) Father
 (3) Cannot be determine (4) Grand son
 (5) Great grandfather
35. Which of the following indicates the relationship, If only six members in a family then, 'R is Mother-in-law of Q'?

(1) $A/M * R \wedge S @ P * Q$ (2) $A/S @ M * R - P @ Q$
 (3) $A @ S * M - N + Q \wedge R$ (4) $A + R * M \wedge S @ P * Q$
 (5) $A \wedge M @ N * P - R + Q$

Direction (36-38) Study the information given below and answer the questions carefully.

There are thirteen members namely – B, C, D, F, G, H, L, M, N, P, Q, R, and T in a family. All are interrelated to each other. R and M are male married member of the family. T and D are related to G in such a way that grandmother of D is maternal grandmother of T, who is son of Q. N is brother-in-law of C and is only son of L. B is only daughter of R, who is married to G. F, who is unmarried member of family, is brother of L. P is daughter-in-law of M and only four married couple are there in family. L is neither son of G nor he is married to N and is sister-in-law of H, who is unmarried member of family.

36. How is D related to B?
 (1) Daughter-in-law (2) Nephew
 (3) Niece (4) Granddaughter
 (5) Can't be determined.
37. How H is related to T?
 (1) Aunt (2) Maternal Uncle
 (3) Brother-in-law (4) Grandson
 (5) Can't be determined.
38. If 'P' is related to 'L' in same way 'Q' is related to 'G', then who among the following is related to 'L' in same way?
 (1) R (2) F
 (3) L (4) C
 (5) None of these

Direction (39-40) Study the following information carefully and answer the questions given below

There are three generations and there are three married couples in a family. P is grandmother of F, who is brother in law of K. F is unmarried. L is only son in law of Q. F is nephew of T, who is unmarried. S has only one son. P's daughter is S.

39. How is C related to L, if Q's granddaughter is C?
 (1) Niece (2) Daughter
 (3) Son (4) Cannot be determined
 (5) None of these
40. If T is son of P, then how L's brother in law related to K's wife?
 (1) Aunt

- (2) Cannot be determined
- (3) Father
- (4) Maternal uncle
- (5) None of these

Directions (41-43) Study the following information carefully and answer the given questions.

A ^ B means A is father of B.
A © B means A is mother of B.
A & B means A is brother of B.
A @ B means A is sister of B.

41. If P © Q @ R ^ S, then Q is S's?
(1) Mother (2) Sister
(3) Uncle (4) Aunt
(5) None of these
42. If W ^ E ^ R @ T, then how W is related to T?
(1) Father (2) Uncle
(3) Grandfather (4) Brother
(5) None of above
43. If R & T © U ^ B, then how B is related to R?
(1) Mother (2) Uncle
(3) Grandfather
(4) Cannot determine
(5) None of above

Directions (44-46) In each of the following questions, two statements numbered I and II are given.

There may be cause and effect relationship between the two statements. These two statements may be the effect of the same cause or independent causes. These statements may be independent causes without having any relationship. Read both the statements in each question and mark your answer.

44. **Statement I.** The National Green Tribunal (NGT) imposed a complete ban on burning of waste in open places.
Statement II. Violators including the project proponent, any person or body responsible for such burning, shall be liable to pay environmental compensation of Rs 5,000 in case of simple burning, while Rs 25,000 in case of bulk waste burning.
(1) Statement I is effect and Statement II is its cause

- (2) Statement I is cause and Statement II is its effect
- (3) Both statement I and II are independent cause
- (4) Both Statement I and Statement II are effect of independent cause
- (5) Both statement I and Statement II are effects of some common cause

45. **Statement I.** The service is a goodwill gesture by Snapdeal to allow users to easily access cash without having to queue up at their bank or at the ATMs.

Statement II. India's leading online marketplace Snapdeal launched a pilot service called 'Cash @ Home' that allows users to order cash and deliver it at the doorstep.

- (1) Statement I is effect and Statement II is its cause
- (2) Statement I is cause and Statement II is its effect
- (3) Both statement I and II are independent cause
- (4) Both Statement I and Statement II are effect of independent cause
- (5) Both statement I and Statement II are effects of some common cause

46. **Statement I.** Toll attendants said that commuters were reluctant to accept coupons as they were apprehensive of their validity.

Statement II. Every time we try to give coupons as loose change, we have to explain the commuters.

- (1) Statement I is effect and Statement II is its cause
- (2) Statement I is cause and Statement II is its effect
- (3) Both statement I and II are independent cause
- (4) Both Statement I and Statement II are effect of independent cause
- (5) Both statement I and Statement II are effects of some common cause

Direction (47-48) Study the following information carefully and answer the questions given below.

Seven persons K, M, S, V, R, B and N are in a family. There are three generation and three married couples in a family. K is the paternal aunt of N. R is sister-in-law of K. R has no siblings. N is unmarried. M is father-in-law of V. S is mother of B.