

QUESTIONS

1. If 'RAM' is coded as 'QZL' in a certain language, then how will 'LAMP' be coded in that language?
(a) KZLO (b) MBNQ (c) KZLP (d) KLZN
2. If in a certain code, 'LUTE' is written as 'MUTE' and 'FATE' is written as 'GATE', then how will 'BLUE' be written in that code?
(a) CLUE (b) GLUE (c) FLUE (d) SLUE
3. If 'ROSE' is coded as '6821', 'CHAIR' is coded as '73456' and 'PREACH' is coded as '961473', what will be the code for SEARCH?
(a) 246173 (b) 214763 (c) 214673 (d) 216473
4. If in a certain code '19078' is written as 'JPHSX' and '65432' as 'DBAIK', then how will '89235' be written in the same code?
(a) JPDBI (b) XHVSX (c) HPJAK (d) XPKIB
5. If 'DELHI' can be coded as 'CCIDD', then how would you code 'BOMBAY'?
(a) AJMTVT (b) AMJXVS (c) MJXVSU (d) WXYZAX
6. In a certain code language the word 'METAL' is written as 'QIXEP'. How will the word 'IRON' be written in that language?
(a) LURQ (b) JSPO (c) MVSR (d) NWTB
7. In a certain code language 'PORTRAIT' is written as 'TROPTIAR'. How would 'BIRTHDAY' be written in that code?
(a) TRIBYADH (b) YADHTRIB (c) IBTRDHYA (d) TRIBDHYA
8. In a certain code 'ROAM' is written as '5913' and 'DONE' is written as '4962'. How is 'MEAN' written in that code?
(a) 5216 (b) 3126 (c) 3216 (d) 5126
9. In a certain code 'ROBE' is written as '5136' and 'BIND' is written as '3792'. How is 'RIDE' written in that code?
(a) 5276 (b) 5726 (c) 5376 (d) 5326
10. In a certain code 'GOLD' is written as '5124' and 'LIVE' is written as '2983'. How is 'VOID' written in that code?
(a) 8194 (b) 8394 (c) 8154 (d) 8793
11. In a certain code language 'RENOWNED' is written as 'DEENNORW'. How is 'INFORMATION' written in that code?
(a) NONFIOIRAMT (b) AFIIMNNOORT (c) AFMINNOORT (d) AIFINMNOROT
12. If the code for JOT is 'OTY', then what is the code for 'HIS'?
(a) PQZ (b) LMY (c) ZQP (d) MNX
13. If the code for 'FOIL' is 'GPHK', then what is the code for 'TAME'?
(a) UBLD (b) RESM (c) RNFS (d) SFNR
14. If 'RESCUE' is coded as '372057' and 'PROBLEM' is coded as '9348176', then how will 'PROCURE' be coded?
(a) 9340537 (b) 9340357 (c) 3840537 (d) 3904537
15. In a certain language, 'BANKER' is written as 'KERBAN'. How is 'REVEAL' written in the same language?
(a) REVLAE (b) EALVER (c) REVEAL (d) EALREV
16. In a certain code language, '234' means 'spark and fire', '456' means 'spark is cause' and '258' means 'fire is effect'. Which of the following numerals is used for 'cause'?
(a) 3 (b) 4 (c) 6 (d) 8
17. If 'OVER' is coded as 'QYIW' and 'UP' as 'WS', then 'STAR' is coded as _____.
(a) UWEV (b) UWDV (c) UWEW (d) UVBS
18. In a certain code 'DELHI' is written as 'CDKGH', how will 'PATNA' be coded?
(a) OZTMZ (b) OZSMZ (c) QBUMB (d) OZTSM
19. If 'water' is called 'food', 'food' is called 'tree', 'tree' is called 'sky' and 'sky' is called 'floor', then on which of the following fruit is grown?
(a) water (b) food (c) tree (d) sky
20. If 'pen' is called 'table', 'table' is called 'fan', 'fan' is called 'chair' and 'chair' is called 'roof', then on which of the following will a person sit?
(a) fan (b) chair (c) roof (d) table
21. If 'cushion' is called 'pillow', 'pillow' is called 'mat', 'mat' is called 'bedsheet' and 'bedsheet' is called 'cover', then which will be spread on the floor?
(a) cover (b) bedsheet (c) mat (d) pillow
22. If the code of 'NUMBER' is 'MVLCDST', then what is the code of 'SECOND'?
(a) CTQDRB (b) GRQDRB (c) RFBPME (d) RFANMD

- 23.** If in a certain code language, PARENT is written as BDFGJK and CHILDREN is written as MOXQUFGJ, then how will REPRINT be written in that code language?
(SOF NCO 2016)
(a) FGBFXJK (b) FGBUXJK (c) FGBFXGD (d) BGBFXJK
- 24.** In a certain code language, the word FIENDISH is written as DFHNSEII. How will the word HESITATE be written in that language?
(SOFNS02016)
(a) HSTTEEI (b) HTTSAEEI (c) HSTTAEI (d) HSTTIEEA
- 25.** In a certain code language, '315' means 'good sweet fruit', '632' means 'good red rose' and '295' means 'rose and fruit'. Which of the following stands for 'fruit' in that language?
(SOF IMO 2016)
(a) 1 (b) 5 (c) 3 (d) 2
- 26.** In a certain code, 'LINGER7' is written as 123456 and 'FORCE' is written as 78695, then how is TIERCE7 be written in that code?
(SOF IMO 2016)
(a) 127569 (b) 725695 (c) 345677 (d) 526789
- 27.** In a certain code language, if 'SISTER' is written as THTSFQ; then how will 'MOTHER' be written in that language?
(SOF NCO 2017)
(a) OPUIFS (b) ONUGFQ (c) NNUGFQ (d) NOUIFQ
- 28.** In a certain code language, 'CIRCULAR' is written as 'TCNWETKE'. How will 'COMPUTER' be written in the same language?
(SOF NSO 2017)
(a) THVVWRQF (b) TGVWRPRF (c) TGVVQOQE (d) TGVWROQE
- 29.** If 'Orange' is called 'Butter', 'Butter' is called 'Soap', 'Soap' is called 'Ink', 'Ink' is called 'Honey' and 'Honey' is called 'Sugar', then which of the following is used for washing clothes?
(SOF IMO 2017)
(a) Honey (b) Butter (c) Sugar (d) Ink
- 30.** In a certain code language, 'HOLIDAY' is written as 'ACFKNQJ'; then how will 'STUDENT' be written in the same code language?
(SOF IMO 2017)
(a) VPGFWVU (b) UVWFGPV (c) VPGUVWF (d) URWBGLV

ANSWER - KEY				
1. A	2. A	3. C	4. D	5. B
6. C	7. A	8. C	9. B	10. A
11. B	12. D	13. A	14. A	15. D
16. C	17. C	18. B	19. D	20. C
21. B	22. C	23. A	24. C	25. B
26. B	27. C	28. D	29. D	30. A

EXPLANATIONS

1. (a): Each letter is replaced with its previous letter in the English alphabet to form the code.
2. (a) The first letter of the word is moved one step forward to obtain the first letter of the code, while the other letters remain unaltered.
3. (c)

R	O	S	E	C	H	A	I	P
6	8	2	1	7	3	4	5	9

From the coding pattern, it is clear that codes for S, E, A, R, C and H are 2, 1, 4, 6, 7 and 3 respectively.
4. (d)

1	9	0	7	8
J	P	H	S	X

 and

6	5	4	3	2
D	B	A	I	K

$\therefore 89235 = XPKIB$
5. (b) Letters of DELHI are reduced by $-1, -2, -3, -4$ and -5 respectively.
6. (c): Each letter moves four places forward to form the code.
7. (a): Split the letters of the word into two equal parts. After that reverse the order of the letters of each part.
8. (c):

R	O	A	M	D	N	E
5	9	1	3	4	6	2

So, MEAN = 3216.
9. (b):

R	O	B	E	I	N	D
5	1	3	6	7	9	2

So, RIDE = 5726.
10. (a)

G	O	L	D	I	V	E
5	1	2	4	9	8	3

So, VOID = 8194.
11. (b): Letters of the word arrange them-selves in alphabetical order for their coding.
12. (d): Each letter moves five places forward to form the code.
13. (a): First two letters move to the next successive letters in the alphabet and the last two letters move backward,
14. (a)

R	E	S	C	U	P	O	B	L	M
3	7	2	0	5	9	4	8	1	6

\therefore PROCURE = 9340537
15. (d): First 3 letters and last 3 letters interchange their places."
16. (c): 2 3 (4) \rightarrow (spark) and fire ... (i)
 (4) (5) 6 \rightarrow (spark) (is) cause ... (ii)
 2 (5) 8 \rightarrow fire (is) effect ... (iii)
 From (i) and (ii), we have, '4' means 'spark'
 From (ii) and (iii), we have, '5' means 'is'
 Now in (ii), clearly '6' is used for 'cause'.
17. (c): Move 1st letter by 2 steps forward, 2nd letter by 3 steps and so on.
18. (b): Each letter is coded as the letter which occurs previous to it, i.e., $D \rightarrow C, E \rightarrow D, L \rightarrow K$ and soon.
19. (d): A fruit grows on tree and tree is called sky.
20. (c): A person will sit on a chair but a chair is called roof. So, a person will sit on the roof.
21. (b). Mat is spread on the floor. But mat is called bedsheet. So, a bedsheets will be spread on the floor.
22. (c) Not Available

- 23.** (a) Not Available
- 24.** (c) Not Available
- 25.** (b) Not Available
- 26.** (b) Not Available
- 27.** (c) Not Available
- 28.** (d) Not Available
- 29.** (d) Not Available
- 30.** (a) Not Available