## REASONING WORKBOOK

## QUESTIONS

1		77 • • 1 • 1		
1.	(a) KZLO	L in a certain language, th (b) MBNQ	hen how will 'LAMP' be co (c) KZLP	(d) KLZN
2.		. ,		ATE', then how will 'BLUE' be written in
<b>Z</b> .	that code?		and TATE is written as O	ATE, men now win bloc be written in
	(a) CLUE	(b) GLUE	(c) FLUE	(d) SLUE
3.				coded as '961473', what will be the code
	for SEARCH?			
	(a) 246173	(b) 214763	(c) 214673	(d) 216473
4.	If in a certain code '190	78' is written as 'JPHSX' a	nd '65432' as 'DBAIK', the	n how will '89235' be written in the same
	code?			
	(a) JPDBI	(b) XHVSK	(c) HPJAK	(d) XPKIB
5.	If 'DELHI' can be coded	d as 'CCIDD', then how we	ould you code 'BOMBAY'	?
	(a) AJMTVT	(b) AMJXVS	(c) MJXVSU	(d) WXYZAX
6.		lage the word 'METAL' is	s written as 'QIXEP'. How	will the word 'IRON' be written in that
	language?	(1) 10D 0	()) # 105	
-	(a) LURQ	(b) JSPO	(c) MVSR	(d) NWTS
7.	(a) TRIBYADH	-		Id 'BIRTHDAY' be written in that code?
8.		(b) YADHTRIB	(c) IBTRDHYA	(d) TRIBDHYA 2'. How is 'MEAN' written in that code?
0.	(a) 5216	(b) 3126	(c) 3216	(d) 5126
9.				How is 'RIDE' written in that code?
2.	(a) 5276	(b) 5726	(c) 5376	(d) 5326
10.				How is 'VOID' written in that code?
	(a) 8194	(b) 8394	(c) 8154	(d) 8793
11.				is 'INFORMATION' written in that code?
	(a) NONFIOIRAMT	(b) AFIIMNNOORT	(c) AFMINNOORT	(d) AIFINMNOROT
12.	If the code for JOT is 'C	DTY', then what is the cod	e for 'HIS'?	
	(a) PQZ	(b) LMY	(c) ZQP	(d) MNX
13.		'GPHK', then what is the		
	(a) UBLD	(b) RESM	(c) RNFS	(d) SFNR
14.				nen how will 'PROCURE' be coded?
15	(a) 9340537	(b) 9340357	(c) 3840537	(d) 3904537
15.				written in the same language?
16.	(a) REVLAE	(b) EALVER	(c) REVEAL	(d) EALREV < is cause' and '258' means 'fire is effect'.
10.		numerals is used for 'caus		a is cause and 256 means me is enect.
	(a) 3	(b) 4	(c) 6	(d) 8
17.		YIW and 'UP' as 'WS', the		
	(a) UWEV	(b) UWDV	(c) UWEW	(d) UVBS
18.			how will 'PATNA' be code	
	(a) OZTMZ	(b) OZSMZ	(c) QBUMB	(d) OZTZM
19.	If 'water' is called 'food'/	'food' is called 'tree', 'tree'	is called 'sky' and 'sky' is ca	lled 'floor', then on which of the following
	fruit is grown?			
	(a) water	(b) food	(c) tree	(d) sky
20.	-	able' is called 'fan', 'fan' is o	called 'chair' and 'chair' is c	alled 'roof, then on which of the following
	will a person sit?	(1) 1 -		
01	(a) fan	(b) chair	(c) roof	(d) table
21.	-		mat is called 'bedsheet' a	nd 'bedsheet' is called 'cover', then which
	will be spread on the flo	oor? (b) bedsheet	(c) mat	(d) pillou
22.	(a) cover		(c) mat is the code of 'SECOND'?	(d) pillow
LL.	(a) CTQDRB	(b) GRQDRB	(c) RFBPME	(d) RFANMD

23.		guage, PARENT is written n in that code language?	as BDFGJK and CHILD	REN is written as I	MOXQUFGJ, then how
					(SOF NCO 2016)
24.	(a) FGBFXJK In a certain code langu in that language?	(b) FGBUXJK age, the word FIENDISH	(c) FGBFXGD is written as DFHNSEII.	(d) BGBFXJK How will the wore	d HESITATE be written
					(SOFNS02016)
	(a) HSTTEEAI	(b) HTTSAEEI	(c) HSTTAEEI	(d) HSTTIEEA	· · · · · · · · · · · · · · · · · · ·
25.		age, '315' means 'good s wing stands for 'fruit' in th	-	good red rose' and	l '295' means 'rose and
		0	0 0		(SOF IMO 2016)
	(a) 1	(b) 5	(c) 3	(d) 2	
26.	In a certain code, 'LINC in that code?	GER7 is written as 123456	and 'FORCE' is written a	s 78695, then how	v is TIERCE7 be written
					(SOF IMO 2016)
	(a) 127569	(b) 725695	(c) 345677	(d) 526789	
27.	In a certain code langu	age, if 'SISTER' is written a	as THTSFQ; then how w	ill 'MOTHER' be u	ritten in that language? (SOF NCO 2017)
	(a) OPUIFS	(b) ONUGFQ	(c) NNUGFQ	(d) NOUIFQ	
28.	In a certain code langu language?	age, 'CIRCULAR' is writte	en as 'TCNWETKE'. How	will 'COMPUTER	be written in the same
	5 5				(SOF NSO 2017)
	(a) THVVWRQF	(b) TGVWRPRF	(c) TGVVQOQE	(d) TGVWROG	)E
29.		tter', 'Butter' is called 'Soa he following is used for wa		nk' is called 'Hone	ey' and 'Honey' is called
		-	-		(SOF IMO 2017)
30.	(a) Honey In a certain code langu code language?	(b) Butter lage, 'HOLIDAY' is writter	(c) Sugar n as 'ACFKNQJ; then ho	(d) Ink w will 'STUDENT	be written in the same
	eoue unguage.				(SOF IMO 2017)
					· ,

(a) VPGFWVU (b) UVWFGPV (c) VPGUVWF (d) URWBGLV

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

## **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)



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.

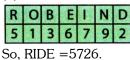
(d).

1	9	0	7	8	and	6	5	4	3	2
J	Ρ	Η	S	X	and	D	В	A	1	к

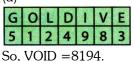
- ∴ 89235 *= XPKIB*
- **5.** (b) Letters of DELHI are reduced by -1, -2, -3, -4 and -5 respectively.
- **6.** (c): Each letter moves four places forward to form the code.
- 7. (a): Split the letters of the word into two equal parts. After that reverse the order of the letters of each part.
- **8.** (c):

R	0	A	Μ	D	Ν	Ε
5	9	1	3	4	6	2

**9.** (b):



**10.** (a)



- **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	С	U	Ρ	0	B	L	Μ
3	7	2	0	5	9	4	8	1	6

∴ PROCURE=9340537

- **15.** (d): First 3 letters and last 3 letters interchange their places."
- **16.** (c):  ${}^2$   ${}^3$   ${}^4$   $\rightarrow$  (spark) and fire ... (i)

 $(4) \ 5 \ 6 \rightarrow \text{(spark) is cause} \qquad \dots (ii)$ 

2 5 8  $\rightarrow$  fire is effect

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,  $2^{nd}$  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 bedsheet will be spread on the floor.
- **22.** (c) Not Available

23.	(a)	Not	Ava	ilab	le

- **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