Q1. If 'dear' is coded as 1234, 'head' is coded as 2345, 'tear' is coded as 1346, 'help' is coded as 4758, then What can be the possible code for the word 'their'?
(a) 95413
(b) 95312
(c) 54961
(d) 65391

Q2. What will come in the place of question mark (?) in the following series?
NP, OQ, QS, TV, ?
(a) XX
(b) XZ
(c) WZ
(d) WX

Q3. In this question, a statement is given followed by four alternative inferences. Select the one which is the most appropriate
Statement :
Many creative persons become artists
Inferences
(a) Some artists are creative persons
(b) A high level of creativity is needed to become an artist
(c) It is not possible to become an artist without creativity
(d) A creative person will certainly become artist

Q4. Saumya is standing facing north. She walks 10 km straight, turns left and walks another 10 km and turns right and walks 5 km and finally turns left and walks 15 km, to reach a park. Which direction is she facing now ?
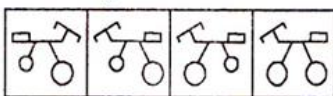(a) East
(b) West
(c) North
(d) South

Q5. If a mirror is placed on the line MN, then which of the answer figures is the correct image of the given question figure?

Question Figure :

Answer Figure :

(a)   (b)   (c)   (d)

(a) a
(b) b
(c) c
(d) d

Q6.
If '+' means 'division', '÷' means 'multiplication', '×' means 'minus' '–' means 'addition', then
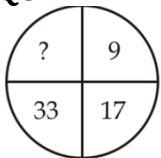$(75 × 25) ÷ 2 + 50 – 10 = ?$
(a) 16.67
(b) 20
(c) 977.5
(d) 12

Directions (7-8): In each of the following questions, select the missing number from the given responses.

Q7.

2	7	9
7	3	4
9	8	?
126	168	216

(a) 8
(b) 3
(c) 6
(d) 36

Q8.

(a) 60
(b) 68
(c) 55
(d) 65

Q9. Ramesh was born on 4th October 1999. Dinesh was born 6 days before Ramesh. The Independence Day of that year fell on Sunday. Which day was Dinesh born?
(a) Tuesday
(b) Wednesday
(c) Monday
(d) Sunday

Q10. Five boys A, B, C, D, E are sitting in a circle facing inside. A is facing South-West, D is facing South-East, B and E are right opposite A and D respectively and C is neighbor of both D and B. Which direction is C facing?
(a) West
(b) South
(c) North
(d) East

Directions (11-12): Choose the correct alternative that will replace the question mark.

Q11. 66, 36, 18, ?
(a) 3
(b) 7
(c) 9
(d) 8

Q12. 3, 12, 27, 48, 75, ?
(a) 108
(b) 162
(c) 156
(d) 142

Directions (13-15): Select the related letters/word/ number/figure from the given alternatives.

Q13. ACEG : IKMO : : QSUW : ?
(a) XBDF
(b) MOQS
(c) YACE
(d) BDFH

Q14. EHGI : LONP : : ? : ORQS
(a) GJIK
(b) GIHJ
(c) HKJL
(d) HJIK

Q15. 7584 : 5362 : : 4673 : ?
(a) 2367
(b) 2451
(c) 2531
(d) 2485

Directions (16): In the matrices a letter can be represented first by its row number and followed by its column number For example, A is represented by 12, 24; and R by 57, 76, etc. In each of the equations following matrices, identify one set of number pairs out of (A), (b), (C) and (d) which represents the given word
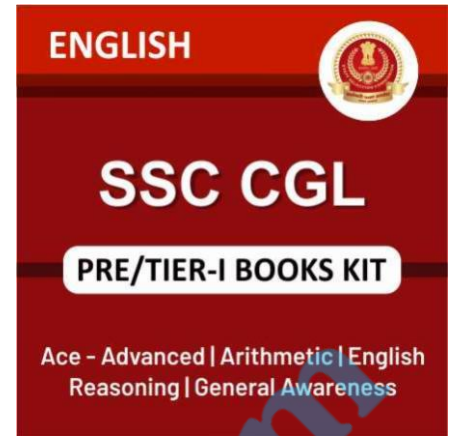
MATRIX-I

	0	1	2	3	4
0	A	E	S	T	H
1	T	H	A	E	S
2	E	S	T	H	A
3	H	A	E	S	T
4	S	T	H	A	E

MATRIX-II

	5	6	7	8	9
5	P	O	R	K	L
6	K	L	P	O	R
7	O	R	K	L	P
8	L	P	O	R	K
9	R	K	L	P	O

Q16. EAST
(a) 32, 31, 02, 04
(b) 20, 43, 33, 11
(c) 13, 12, 14, 10
(d) 44, 32, 21, 03

Q17. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?

w_xw_x_ax_a_wa_

(a) axawxa
(b) aawaxx
(c) aawwxx
(d) waawxx

Q18. A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as shown in the given two matrices. The columns and rows of Matrix-I are numbered from 0 to 4 and that of Matrix-II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, for example, 'P' can be represented by 02, 10, etc., and 'G' can be represented by 68, 98, etc. Similarly, you have to identify the set for the word "TRAIL". (BLOG FILE 15 SEP Q10)

Matrix-I   Matrix-II

	0	1	2	3	4
0	I	T	P	R	U
1	P	R	U	I	T
2	T	I	R	U	P
3	R	U	T	P	I
4	U	P	I	T	R

	5	6	7	8	9
5	G	A	L	H	S
6	H	G	S	A	L
7	A	L	G	S	H
8	S	H	A	L	G
9	L	S	H	G	A

(a) 01, 03, 75, 00, 68
(b) 14, 30, 68, 13, 58
(c) 20, 44, 99, 21, 96
(d) 43, 11, 56, 34, 88

Q19. In each of the following question below are given some statements followed by some conclusions. Taking the given statements to be true even if they seem to be at variance from commonly known facts, read all the conclusions and then decide which of the given conclusion logically follows the given statements.
Statements:
I. All cups are vegetable.
II. All vegetable are pens.
Conclusions:
I. Some pens are vegetable.
II. Some pens are cups.
(a) Only conclusion (I) follows.
(b) Only conclusion (II) follows.
(c) Both conclusion follow.
(d) Neither conclusion (I) nor conclusion (II) follows.

Q20. The ratio of present ages of P and Q is 5 : 8. Three years later their ages will be in ratio 8: 11. What is the present age (in years) of Q?
(a) 5
(b) 11
(c) 14
(d) 8

Q21. find the odd number/letters/number pair from the given alternatives.
(a) 243001
(b) 721001
(c) 334001
(d) 406001

Q22. find the odd number/letters/number pair from the given alternatives.
(a) 2W3
(b) 1Q7
(c) 1M3
(d) 1R9

Q23. find the odd number/letters/number pair from the given alternatives.
(a) AUgPZ
(b) YGLhT
(c) MXiDV
(d) KFeCO

Q24. find the odd number/letters/number pair from the given alternatives.
(a) 8 – 27
(b) 125 – 216
(c) 343 – 512
(d) 1009 – 1331

Q25. Which one of the following diagrams best depicts the relationship among Doctor, Lawyer and Occupation?

(a) a
(b) b
(c) c
(d) d