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CMAT A

Group Number :	1
Group Id :	1908895
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Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	500
Is this Group for Examiner? :	No

PART I Quantitative Techniques and Data Interpretation

Section Id :	19088919
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	22

In triangle PQR, PS is perpendicular to QR and S divides QR in the ratio of 3 : 1 internally.

If PQ = 21 and PR = 9, find QR.

(1) $18\sqrt{5}$

(2) $16\sqrt{5}$

(3) $15\sqrt{5}$

(4) $12\sqrt{5}$

Options :

1908891805. 1

1908891806. 2

1908891807. 3

1908891808. 4

Question Number : 3 Question Id : 190889465 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Pipe X can fill a tank in 12 hours and pipe Y can empty the tank in 18 hours. Both pipes are opened at 8 am and after some time Y is closed, and the tank is full at 10 pm on the same day. At what time was pipe Y closed?

(1) 1 pm

(2) 10 am

(3) 11 am

(4) 12 noon

Options :

1908891809. 1

1908891810. 2

1908891811. 3

1908891812. 4

Question Number : 4 Question Id : 190889466 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The difference between the compound interest and simple interest for two years on a certain sum at a certain rate of interest is Rs. 64. The compound interest for two years is Rs. 704.

The principal is

- (1) 800 (2) 1600
(3) 2400 (4) 3200

Options :

1908891813. 1
1908891814. 2
1908891815. 3
1908891816. 4

Question Number : 5 Question Id : 190889467 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

In a 1000 metre race, Rahul reaches the finishing line 5 seconds before than Raj and beats Raj by 50 metre. What is Rahul's speed (in m/s)?

- (1) $11\frac{9}{19}$ (2) $9\frac{9}{19}$
(3) $10\frac{10}{19}$ (4) $9\frac{10}{19}$

Options :

1908891817. 1
1908891818. 2
1908891819. 3
1908891820. 4

Question Number : 6 Question Id : 190889468 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

During the next year, the probability that a Company A releases a mobile is 0.7. The probability that mobile is a success, given that it is released by the Company A is 0.8. The probability that a mobile is a success and released by a Company B is 0.28. A mobile released by either Company A or Company B during the next one year is a success. Find the probability that it is released by Company A.

(1) $1/3$

(2) $1/2$

(3) $2/3$

(4) $3/4$

Options :

1908891821. 1

1908891822. 2

1908891823. 3

1908891824. 4

Question Number : 7 Question Id : 190889469 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

In a company there are 252 engineers, in which the ratio of the number of electronics engineers and computer engineers is 2 : 1. The ratio of the number of electronics engineers and computer engineers becomes 1 : 1 after recruitment of some more computer engineers. The average age of all the engineers is now 22 years and the average age of the computer engineers is 2 years less than the average age of electronics engineers.

- (A) The average age (in years) of electronics engineers is 21
- (B) The average age (in years) of computer engineers is 21
- (C) The average age (in years) of electronics engineers is 23
- (D) The average age (in years) of electronics engineers is 25
- (E) The average age (in years) of computer engineers is 23

Choose the *correct* answer from the options given below:

- (1) (A) and (E) only
- (2) (B) and (C) only
- (3) (D) and (E) only
- (4) (E) only

Options :

- 1908891825. 1
- 1908891826. 2
- 1908891827. 3
- 1908891828. 4

Question Number : 8 Question Id : 190889470 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Question Number : 10 Question Id : 190889472 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

How many ten-digit numbers can be formed using all the digits of 2435753228 such that odd digits appear only in even places?

(1) $2! 3! 5!$

(2) $(5!)^2$

(3) $\frac{(5!)^2}{3!}$

(4) $\frac{(5!)^2}{3! (2!)^2}$

Options :

1908891837. 1

1908891838. 2

1908891839. 3

1908891840. 4

Question Number : 11 Question Id : 190889473 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

The price of an apple is twice that of an orange. The price of an orange is thrice that of a banana. If the price of an apple increases by 10%, price of an orange increases by 30% and the price of a banana increases by 20%. Find the percentage increase in the price of 20 apples, 20 oranges and 20 bananas.

(1) 19%

(2) 17%

(3) 15%

(4) 13%

Options :

1908891841. 1

1908891842. 2

1908891843. 3

1908891844. 4

Question Number : 12 Question Id : 190889474 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Meera and Sarika attempted to solve a quadratic equation in x . Sarika made a mistake in reading the coefficient of x and obtained the roots as 12 and 16. Meera made a mistake in reading the constant term of the equation. She obtained the roots as 22 and 6. The correct root(s) is (are) :

(A) -16

(B) -12

(C) 12

(D) 16

Choose the *correct* answer from the options given below :

(1) (A) and (B) only

(2) (A) and (C) only

(3) (C) and (D) only

(4) (B) and (D) only

Options :

1908891845. 1

1908891846. 2

1908891847. 3

1908891848. 4

Question Number : 13 Question Id : 190889475 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

A roller is 4 m long and has a diameter of 0.7 m. It takes exactly 2000 rotations of the roller to level a road. If the cost of using the roller is Rs. 4 per square metres, then the total cost of levelling the road is :

Assume, $\pi = 22/7$

- | | |
|---------------|----------------|
| (1) Rs. 17600 | (2) Rs. 35200 |
| (3) Rs. 70400 | (4) Rs. 140800 |

Options :

- 1908891849. 1
- 1908891850. 2
- 1908891851. 3
- 1908891852. 4

Question Number : 14 Question Id : 190889476 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

In a company, the average salary of the boy is Rs. 50000. The average salary of all the employees is Rs. 48000. There are 80 boys in the company and the average salary of the girl is Rs. 40000. What is the number of girls working in the company?

- | | |
|--------|--------|
| (1) 12 | (2) 15 |
| (3) 20 | (4) 24 |

Options :

- 1908891853. 1
- 1908891854. 2
- 1908891855. 3
- 1908891856. 4

Question Number : 15 Question Id : 190889477 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

If a is $\frac{3}{2}$ times of b, b is $\frac{3}{4}$ th of c and d is $\frac{1}{4}$ th of c, the ratio of a and d is

(1) 8 : 3

(2) 9 : 1

(3) 8 : 1

(4) 9 : 2

Options :

1908891857. 1

1908891858. 2

1908891859. 3

1908891860. 4

Question Number : 16 Question Id : 190889478 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given: Anuj takes 1 day to complete a job. Bharat takes twice the time as Anuj to complete the same job. Chetan takes twice the time as Bharat to complete that job. Dhiraj takes twice the time as Chetan to complete that job.

- (A) Chetan and Dhiraj will take $\frac{8}{3}$ days to complete the work
- (B) The second fastest pair to complete the work is Anuj and Dhiraj
- (C) The second slowest pair to complete the work is Bharat and Dhiraj
- (D) Bharat and Dhiraj will take $\frac{4}{3}$ days to complete the work

Choose the *correct* answer from the options given below:

- (1) (A), (B) and (C) only
- (2) (A) and (D) only
- (3) (A) and (C) only
- (4) (A) only

Options :

- 1908891861. 1
- 1908891862. 2
- 1908891863. 3
- 1908891864. 4

Question Number : 17 Question Id : 190889479 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I : $(543)_6$ is equivalent to $(317)_8$

Statement II : The last 4 bits in the binary representation of a multiple of 16 is 1000.

In light of the above statements, choose the *correct* answer from the options given below

- (1) Both Statement I and Statement II are true
- (2) Both Statement I and Statement II are false
- (3) Statement I is true but Statement II is false
- (4) Statement I is false but Statement II is true

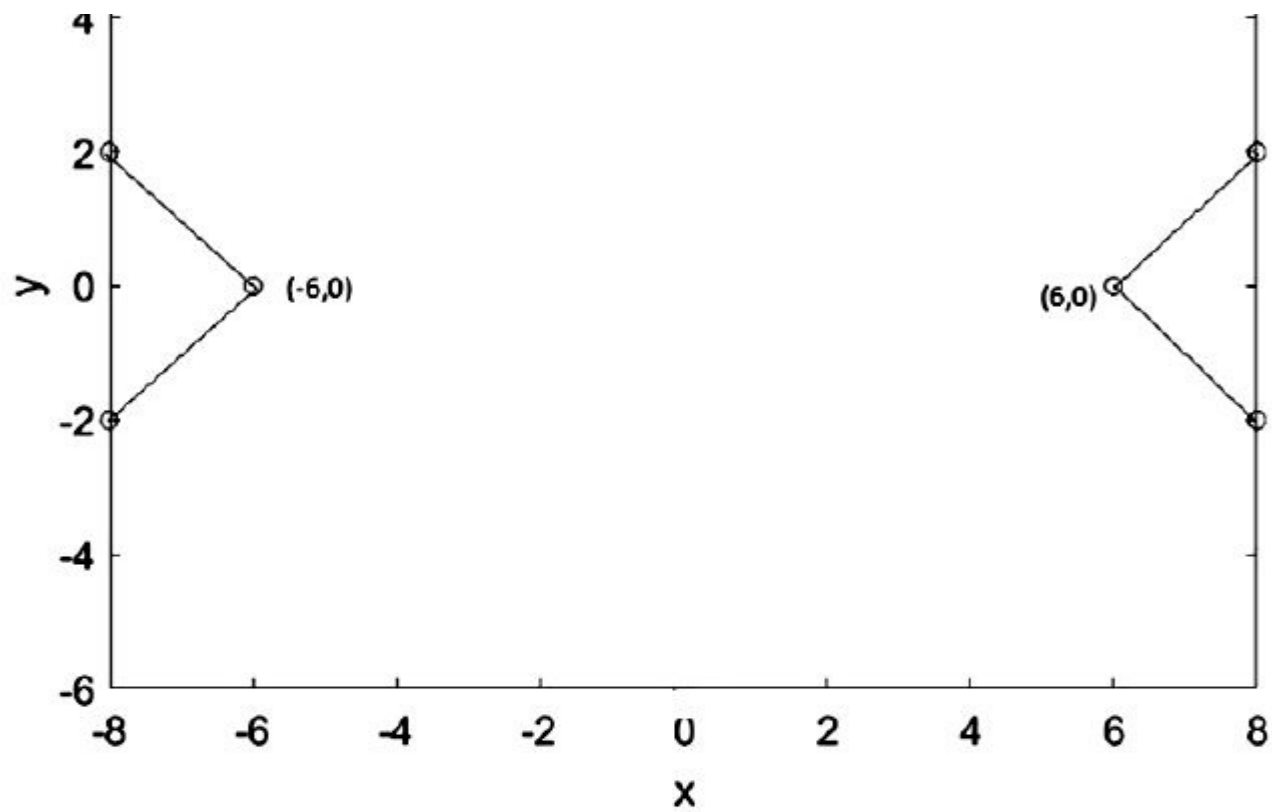
Options :

- 1908891865. 1
- 1908891866. 2
- 1908891867. 3
- 1908891868. 4

Question Number : 18 Question Id : 190889480 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Which of the following equations best describes the graph given below?





(1) $|x+y| - |x-y| = 6$

(2) $|x-y| + |x+y| = 10$

(3) $|x| - |y| = 6$

(4) $|x+y| - |x-y| = 0$

Options :

1908891869. 1

1908891870. 2

1908891871. 3

1908891872. 4

Sub-Section Number :

2

Sub-Section Id :

19088938

Question Shuffling Allowed :

Yes

Question Id : 190889481 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No

Question Numbers : (19 to 22)

Question Label : Comprehension

Study the pie chart and answer the questions that follow



Note : The value of exports represents the angle corresponding to each country in the pie chart.

Sub questions

Question Number : 19 Question Id : 190889482 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

What is number of countries whose exports are more than the average exports per country?
(Assume 'Others' as a single country)

- (1) 4 (2) 5
(3) 6 (4) 7

Options :

1908891881. 1
1908891882. 2
1908891883. 3
1908891884. 4

**Question Number : 22 Question Id : 190889485 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 4 Wrong Marks : 1**

What is value of total exports of USA and France as a percentage of the total exports of
Japan, China, Russia and Hongkong?

- (1) 64.9764 (2) 65.5764
(3) 66.1574 (4) 66.1764

Options :

1908891885. 1
1908891886. 2
1908891887. 3
1908891888. 4

Sub-Section Number : 3
Sub-Section Id : 19088939
Question Shuffling Allowed : Yes

**Question Number : 23 Question Id : 190889486 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 4 Wrong Marks : 1**

Find the sum of the following series (with infinite terms) :

$$2\sqrt{2}, \frac{4}{\sqrt{3}}, \frac{4\sqrt{2}}{3}, \dots$$

(1) $2\sqrt{3}(\sqrt{3} + \sqrt{2})$

(2) $2\sqrt{3}(\sqrt{3} - \sqrt{2})$

(3) $2\sqrt{6}(\sqrt{3} + \sqrt{2})$

(4) $2\sqrt{6}(\sqrt{3} - \sqrt{2})$

Options :

1908891889. 1

1908891890. 2

1908891891. 3

1908891892. 4

Question Number : 24 Question Id : 190889487 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

The minimum value of $\frac{3(6+x)(x+12)}{2(4+x)}$, where $x > -4$ is

(1) 18

(2) 27

(3) 36

(4) 45

Options :

1908891893. 1

1908891894. 2

1908891895. 3

1908891896. 4

Question Number : 25 Question Id : 190889488 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Let $g(x) + g\left(\frac{1}{x}\right) = 1 + 3x$. Find the value of $g(3)$.

(1) -4

(2) -1/2

(3) 1/2

(4) 3

Options :

1908891897. 1

1908891898. 2

1908891899. 3

1908891900. 4

PART II Logical Reasoning

Section Id :	19088920
Section Number :	2
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	25
Number of Questions to be attempted :	25
Section Marks :	100
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	19088940
Question Shuffling Allowed :	Yes

Question Number : 26 Question Id : 190889489 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Below two pairs of numbers are given. But one number in the second pair is missing. Identify the relationship between the two numbers in first pair and find the second number of the second pair such that it follows the same relationship as that of first pair.

7: 77 :: 14 : ...

(1) 196

(2) 252

(3) 98

(4) 232

Options :

1908891901. 1

1908891902. 2

1908891903. 3

1908891904. 4

Question Number : 27 Question Id : 190889490 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Find the next number in the series

7, 9, 14, 27, 28, 81, ?

(1) 62

(2) 84

(3) 65

(4) 56

Options :

1908891905. 1

1908891906. 2

1908891907. 3

1908891908. 4

Question Number : 28 Question Id : 190889491 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Find the next number in the series

210, 195, 175, 150, 120, ?

(1) 85

(2) 95

(3) 80

(4) 100

Options :

1908891909. 1

1908891910. 2

1908891911. 3

1908891912. 4

Question Number : 29 Question Id : 190889492 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

In a certain code language BCG is coded as EFJ. How is the word FALSE coded?

(1) IJKLM

(2) JEPWI

(3) IDOVH

(4) IDOWJ

Options :

1908891913. 1

1908891914. 2

1908891915. 3

1908891916. 4

Question Number : 30 Question Id : 190889493 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

The question below consists of a main statement followed by four options. Select the one that logically follows the main statement

If I drive a car, then it is a BMW or a Skoda.

- (1) I am driving a car, means that it is a BMW or a Skoda
- (2) The car is neither BMW nor a Skoda, hence I do not drive a car.
- (3) I drive a car but it is not a Skoda, means it is a BMW
- (4) All the above

Options :

- 1908891917. 1
- 1908891918. 2
- 1908891919. 3
- 1908891920. 4

Question Number : 31 Question Id : 190889494 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

The question below consists of a main statement followed by four options. Select the one that logically follows the main statement

The slip fielder can catch a ball, only if the batsman is brought to the front foot and he tries to hit the ball

- (1) The batsman is brought to the front foot, hence the slip fielder cannot catch the ball
- (2) The batsman did not try to hit the ball, hence the slip fielder cannot catch the ball
- (3) The fielder caught the ball, means that the batsman was brought to the front foot and he did not try to hit the ball
- (4) All the above

Options :

- 1908891921. 1
- 1908891922. 2

1908891923. 3

1908891924. 4

Question Number : 32 Question Id : 190889495 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

In a certain code language, if the word RESERVE is coded as GXTGUGT, then how is the word PRESENT coded in that language

(1) VPGUGTR

(2) VPUGGTR

(3) VPGUTGR

(4) RGTUGPV

Options :

1908891925. 1

1908891926. 2

1908891927. 3

1908891928. 4

Question Number : 33 Question Id : 190889496 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

In a certain code language, if REPTILE is coded as 49 and SNAKE is coded as 25, then how is CROCODILE coded in that language?

(1) 64

(2) 36

(3) 81

(4) 100

Options :

1908891929. 1

1908891930. 2

1908891931. 3

1908891932. 4

Question Number : 34 Question Id : 190889497 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

The question below consists of a main statement followed by four options. Select the one that logically follows the main statement.

'Whenever I go shopping, I end up spending more'

- (1) I went for shopping means I end up spending less
- (2) I did not go for shopping; implies I did not spend more
- (3) I did not spend more, means I did not go for shopping
- (4) Both (1) and (2)

Options :

- 1908891933. 1
- 1908891934. 2
- 1908891935. 3
- 1908891936. 4

Question Number : 35 Question Id : 190889498 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Three out of four are alike in a particular pattern and hence form a group. Find which does not belong to the group

2835, 5671, 8505, 11344

- (1) 8505
- (2) 5671
- (3) 11344
- (4) 2835

Options :

- 1908891937. 1
- 1908891938. 2
- 1908891939. 3
- 1908891940. 4

Question Number : 36 Question Id : 190889499 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

A number -arrangement machine, when given an input string of numbers, arranges them following a particular pattern. The following is the illustration of an input and its arrangement.

Input :	3	4	9	7	6	11
Step I	9	16	81	49	36	121
Step II	12	20	90	56	42	132
Step III	17	25	95	61	47	137
Step IV	15	23	93	59	45	135

As per the rules followed in the above steps, find the appropriate answer

Which is the fifth number from the left end in step III of the following input?

6, 2, 14, 17, 8, 13

(1) 64

(2) 72

(3) 75

(4) 7

Options :

1908891941. 1

1908891942. 2

1908891943. 3

1908891944. 4

Question Number : 37 Question Id : 190889500 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

A number -arrangement machine, when given an input string of numbers, arranges them following a particular pattern. The following is the illustration of an input and its arrangement.

Input :	3	4	9	7	6	11
Step I	9	16	81	49	36	121
Step II	12	20	90	56	42	132
Step III	17	25	95	61	47	137
Step IV	15	23	93	59	45	135

As per the rules followed in the above steps, find the appropriate answer

What is the input if the following is the arrangement of Step IV?

9, 75, 113, 213, 33, 5

(1) 2, 10, 8, 14, 5, 3

(2) 2, 10, 8, 13, 5, 1

(3) 2, 8, 10, 14, 5, 1

(4) 3, 8, 9, 13, 5, 1

Options :

1908891949. 1

1908891950. 2

1908891951. 3

1908891952. 4

Question Number : 39 Question Id : 190889502 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

P, Q, R, S, T, U, V, W are sitting in a row facing north

- (A) P is fourth to right of T
- (B) W is fourth to the left of S
- (C) R and U , which are both at the ends are neighbours of Q and T respectively
- (D) W is immediate left of P and P is neighbour of Q

Who are the immediate neighbours of W?

- (1) Q and V
- (2) V and R
- (3) V and P
- (4) U and P

Options :

- 1908891953. 1
- 1908891954. 2
- 1908891955. 3
- 1908891956. 4

Question Number : 40 Question Id : 190889503 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Find the next character sequence in the series

FAC, ICF, LEI, OGL, RIO,.....

- (1) UNR
- (2) ULS
- (3) TKR
- (4) UKR

Options :

- 1908891957. 1

1908891958. 2

1908891959. 3

1908891960. 4

Question Number : 41 Question Id : 190889504 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

If A # B is the mother of A

A \$ B means A is the father of B

A % B means A is sister of B

A * B means A is the son of B

A @ B means A is brother of B and

A! B means A is the daughter of B

In the expression P \$ Q # R @ S, how is R related to P?

- | | |
|--------------|--------------------|
| (1) Grandson | (2) Great Grandson |
| (3) Son | (4) Daughter |

Options :

1908891961. 1

1908891962. 2

1908891963. 3

1908891964. 4

Question Number : 42 Question Id : 190889505 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

The question below consists of a main statement followed by four options. Select the one that logically follows the main statement

Unless I score well, I will not get selected

- (1) I was not selected, means I did not score well
- (2) I am selected, implies I scored well
- (3) I did not score well, means I will not be selected
- (4) Both (2) and (3)

Options :

- 1908891965. 1
- 1908891966. 2
- 1908891967. 3
- 1908891968. 4

Question Number : 43 Question Id : 190889506 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

In the following questions find out the alternative which will replace the question mark.

CHICKEN : CHICK :: PIG : ?

- (1) Lamb
- (2) Piglet
- (3) Foal
- (4) Cub

Options :

- 1908891969. 1
- 1908891970. 2
- 1908891971. 3
- 1908891972. 4

Question Number : 44 Question Id : 190889507 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

P, Q, R, S, T, U, V and W are sitting round the circle and are facing the centre:
P is second to the right of T who is the neighbour of R and V. S is not the neighbour of P.
V is the neighbour of U. Q is not between S and W. W is not between U and S.
U is the right of S.

Who is sitting adjacent to V?

- | | |
|-------------|-------------|
| (1) U and T | (2) U and R |
| (3) T and P | (4) W and P |

Options :

- 1908891973. 1
- 1908891974. 2
- 1908891975. 3
- 1908891976. 4

Question Number : 45 Question Id : 190889508 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

The question below consists of a main statement followed by two statements. Select the one that logically follows the main statement

"Private property, trespassers will be prosecuted" - A notice on a plot of land. Given below are two statements

Statement I: The passer-by may read the notice and may not trespass.

Statement II: The people are scared of prosecution

In light of the above statements, choose the *most appropriate* answer from the options given below

- (1) Only Statement I is implicit
- (2) Only Statement II is implicit
- (3) Both Statements I and II are implicit
- (4) Neither I nor II are implicit

Options :

- 1908891977. 1
- 1908891978. 2
- 1908891979. 3
- 1908891980. 4

Question Number : 46 Question Id : 190889509 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

If in a certain language, ITNIETAM is the code for INTIMATE, which word has the code TREVNIETARBI?

- (1) INVRETIBRATE (2) INVERTIBRATE
(3) INVERTIBRETA (4) INVERTIBARTE

Options :

1908891981. 1
1908891982. 2
1908891983. 3
1908891984. 4

Question Number : 47 Question Id : 190889510 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Find the missing Letter / number

B2CD, DE3F,, H5IJ, J6KL

- (1) D3GH (2) G3HI
(3) FGH4 (4) FG4H

Options :

1908891985. 1
1908891986. 2
1908891987. 3
1908891988. 4

Question Number : 48 Question Id : 190889511 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

In a certain language

ABCD is coded as CABF

FGHI is coded as HFGK

UVWX is coded as WUVZ

How is KLMN coded?

(1) KLMP

(2) MKLP

(3) MNOP

(4) MNPO

Options :

1908891989. 1

1908891990. 2

1908891991. 3

1908891992. 4

Question Number : 49 Question Id : 190889512 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

How many pages of the book Ram read on Monday. The book was read completely by Tuesday.

Statement I: Ram read last 30 pages of the book on Tuesday

Statement II: The book has 600 pages out of which half were read by Ram before Monday

In light of the above statements, choose the *most appropriate* answer from the options given below

- (1) Data in Statement I alone is sufficient to find the answer
- (2) Data in Statement II is sufficient enough to find answer
- (3) Data in Statements I and II together is not sufficient to find the answer
- (4) Data in both the Statements is sufficient to find the answer

Options :

1908891993. 1

1908891994. 2

1908891995. 3

1908891996. 4

Question Number : 50 Question Id : 190889513 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Among the six persons P, Q, R, S, T, U, each is having different weights

P is heavier than 3 persons. R is lighter than T

S is lighter than only Q

R is not the lightest

Who is lighter and heavier than P respectively?

(1) T and S

(2) R and S

(3) S and R

(4) T and Q

Options :

1908891997. 1

1908891998. 2

1908891999. 3

1908892000. 4

PART III Language Comprehension

Section Id :	19088921
Section Number :	3
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	22
Number of Questions to be attempted :	22
Section Marks :	100
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	19088941
Question Shuffling Allowed :	Yes

Question Id : 190889514 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No

Question Numbers : (51 to 52)

Question Label : Comprehension

Read the Passage below and answer the question that follows:

Human beings are connected at the level of feeling and emotion; in such a degree that there is practically a subterranean network of the psyche in which some encounters are damaging, some nourishing. This emotional exchange is typically at a subtle, almost imperceptible level. The way a colleague says 'thank you' can leave one feeling ignored, resented or genuinely welcomed and appreciated. We catch feelings from one another as though they were some kind of social virus. Every space is full of emotional signals and every time people connect, they transmit and receive those signals. These emotional encounters have an effect on all the people in that particular circle. Those who are socially skillful can control these emotional messages. A civil and polite society is able to regulate and control these emotional relationships in less damaging ways. The Emotional Quotient of a society is the sum total of the emotional intelligence of its citizens. When we compliment others for being considerate, we are actually acknowledging their emotional intelligence. The company of such people is a relaxing experience and they are a valuable and enriching presence in any society. Whether we like it or not, we are all interdependent in terms of our feelings and emotions and our emotional intelligence form the framework of society.

Sub questions

Question Number : 51 Question Id : 190889515 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

The company of what kind of people is relaxing?

- | | |
|------------------------------------|-----------------------------|
| (1) Emotional people | (2) Considerate people |
| (3) Emotionally intelligent people | (4) Emotionally calm people |

Options :

1908892001. 1

1908892002. 2

1908892003. 3

1908892004. 4

Question Number : 52 Question Id : 190889516 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

The author feels that when we meet people some meetings can be

- | | |
|-----------------|---------------|
| (1) Happy | (2) Enriching |
| (3) Troublesome | (4) Sad |

Options :

1908892005. 1

1908892006. 2

1908892007. 3

1908892008. 4

Sub-Section Number :	2
Sub-Section Id :	19088942
Question Shuffling Allowed :	Yes

Question Number : 53 Question Id : 190889517 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Pick out the correct sentence:

- | | |
|-----------------------|--------------------------------------|
| (1) Write in ink. | (2) The student uses a lots of inks. |
| (3) This is a ink pen | (4) Have your ink finished? |

Options :

1908892009. 1

1908892010. 2

1908892011. 3

1908892012. 4

Question Number : 54 Question Id : 190889518 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

'Raghav read the novel in one day' means the same as

- (1) One day, Raghav read a novel
- (2) Raghav reads the novel.
- (3) The novel was read by Raghav in one day.
- (4) One day Raghav reads the novel.

Options :

- 1908892013. 1
- 1908892014. 2
- 1908892015. 3
- 1908892016. 4

Question Number : 55 Question Id : 190889519 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Fill in the blank.

When I visited them, she _____ working for six months.

- (1) had been
- (2) was
- (3) has been
- (4) were now

Options :

- 1908892017. 1
- 1908892018. 2
- 1908892019. 3
- 1908892020. 4

Question Number : 56 Question Id : 190889520 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Fill in the blank

You must check the petrol _____ regular intervals.

- | | |
|--------|------------|
| (1) in | (2) with |
| (3) at | (4) within |

Options :

- 1908892021. 1
- 1908892022. 2
- 1908892023. 3
- 1908892024. 4

Question Number : 57 Question Id : 190889521 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Fill in the blank

Either my uncle or my aunt _____ coming to the party

- | | |
|-----------|------------|
| (1) in | (2) are |
| (3) would | (4) aren't |

Options :

- 1908892025. 1
- 1908892026. 2
- 1908892027. 3
- 1908892028. 4

Question Number : 58 Question Id : 190889522 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Fill in the blank

The cat is wagging _____ tail

- (1) its (2) it's
(3) it is (4) its'

Options :

1908892029. 1
1908892030. 2
1908892031. 3
1908892032. 4

Question Number : 59 Question Id : 190889523 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Pick out the correct sentence:

- (1) He has two brother in law (2) He has two brother in laws
(3) He has two brothers in laws (4) He has two brothers in law.

Options :

1908892033. 1
1908892034. 2
1908892035. 3
1908892036. 4

Question Number : 60 Question Id : 190889524 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Please select the sentence that makes the accurate use of the word 'diffuse':

- (1) He was modest and diffuse about his own success
- (2) The problem is how to diffuse power without creating anarchy.
- (3) Technologies diffuse rapidly.
- (4) The moon was fuller than the night before, but the light was diffused by cloud.

Options :

1908892037. 1

1908892038. 2

1908892039. 3

1908892040. 4

Sub-Section Number :

3

Sub-Section Id :

19088943

Question Shuffling Allowed :

Yes

**Question Number : 61 Question Id : 190889525 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 4 Wrong Marks : 1**

Read the passage and answer the question that follows:

In tough times or in times of a crisis, the democratic nation often becomes an authoritarian one. During ordinary times, nobody thinks about the political system. People just vote for those who make promises and try to keep them. As long as the country is secure and there is reasonable development, no one is bothered about the leaders and the policies. But, if there is some kind of aggressive revolution or a shortage of basic supplies or a lot of unemployed citizens, the leadership comes under question.

Which one of the following statements best describes the central idea of the passage above:

- (1) if there is an economic collapse, democracy gets strengthened
- (2) People are least concerned with economic policies, if their life is not affected.
- (3) The communist governments were functioning without any popular support.
- (4) Citizens are one with the government in ensuring law and order when sections of the society revolt.

Options :

1908892041. 1

1908892042. 2

1908892043. 3

1908892044. 4

Sub-Section Number :

4

Sub-Section Id :

19088944

Question Shuffling Allowed :

Yes

Question Id : 190889526 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No

Question Numbers : (62 to 64)

Question Label : Comprehension

Read the passage and answer the question that follows:

The human body is nothing but a set of chemical reactions in some form or the other. The religious scriptures believe that man was made out of the image of the creator of the universe. Does this mean that Oxygen was pumped into the human body and carbon dioxide pumped out to create this being? Is life just the process of oxygenation and decarburization? If the human body is managed by these two processes, then we can safely believe that life came into existence due to these chemical reactions. The highly complex chemicals compounds present in the human body are not evident in lower animals or plants. These substances were born because of the synthesis of other smaller molecules.

A large number of recognized chemicals has been observed and proved to be involved in the transmission of impulses from one tissue or cell to another. Some examples of such chemicals are adrenaline, dopamine, acetylcholine, endorphins and encephalin. The increase or decrease of any one of these chemicals, interferes with the normal functioning of cells and tissues. This creates diseases in the body, and the restoration of their supply cures the diseases. The deficiency of acetylcholine leads to Alzheimer's disease, while a decrease in dopamine leads to Parkinson's disease and its increase causes schizophrenia, a mental disorder. Endorphins and encephalon work like a drug to produce sensations like pleasure and reduce pain. In depressed persons, lower levels of serotonin and adrenaline are observed. Exercise and meditation help release endorphins in order to produce a scene of calmness and pleasure. As for love, the brain releases a chemical substance called phenyl ethylene which acts like an amphetamine to increase mental alertness and physical energy. People with low levels of these chemicals develop a craving for foods such as chocolates, which are rich in such compounds.

Sub questions

Question Number : 62 Question Id : 190889527 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Which one of these words is the right synonym for 'synthesis' as used in the passage:

- (1) Reaction (2) Fusion
(3) Collaboration (4) Union

Options :

1908892045. 1
1908892046. 2
1908892047. 3
1908892048. 4

Question Number : 63 Question Id : 190889528 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Which one of the words given below is the right antonym for 'alertness' as used in the passage?

- (1) Heedlessness (2) Consciousness
(3) Adeptness (4) Ineptness

Options :

1908892049. 1
1908892050. 2
1908892051. 3
1908892052. 4

Question Number : 64 Question Id : 190889529 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Which one of the words given below can be used in place of 'a mental disorder' as used in the passage?

- (1) Sickness (2) Derangement
(3) Disease (4) Schizophrenia

Options :

1908892053. 1
1908892054. 2
1908892055. 3
1908892056. 4

Sub-Section Number : 5
Sub-Section Id : 19088945
Question Shuffling Allowed : Yes

Question Number : 65 Question Id : 190889530 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

There was a _____ possibility that war would be declared soon.

Select the word that best fits the above incomplete sentence and completes it:

- (1) Probable (2) Distinct
(3) Dubious (4) Distinctive

Options :

1908892057. 1
1908892058. 2
1908892059. 3
1908892060. 4

Question Number : 66 Question Id : 190889531 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Select the ONE sentence that makes correct use of the idiom 'once in a blue moon':

- (1) I go to school every day, once in a blue moon
- (2) She is lucky, she misses school only once in a blue moon.
- (3) Sunday comes once in a blue moon.
- (4) Indian festivals are celebrated once in a blue moon.

Options :

- 1908892061. 1
- 1908892062. 2
- 1908892063. 3
- 1908892064. 4

Question Number : 67 Question Id : 190889532 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

The different forms to fill for a driving license are _____

Select the idiom that best fits the above incomplete sentence and completes it:

- (1) a pain in the neck
- (2) a flash in the pan
- (3) the last laugh
- (4) a slap in the face

Options :

- 1908892065. 1
- 1908892066. 2

1908892067. 3

1908892068. 4

Question Number : 68 Question Id : 190889533 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

We went _____ the house.

Select the word that best fits the above incomplete sentence and completes it:

- | | |
|------------|----------|
| (1) passed | (2) past |
| (3) paste | (4) pass |

Options :

1908892069. 1

1908892070. 2

1908892071. 3

1908892072. 4

Question Number : 69 Question Id : 190889534 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Choose the sentence that uses the word 'apprise' correctly:

- (1) The problem is obviously one of deciding how to apprise the evidence presented here.
- (2) They should have taken the time to apprise the changing political scenario
- (3) Let's apprise the advantages of air travel.
- (4) The assistant will apprise the director of the situation.

Options :

1908892073. 1

1908892074. 2

1908892075. 3

1908892076. 4

Question Number : 70 Question Id : 190889535 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

All the sentences below use the preposition 'since'.

Select the sentence that makes correct use of it:

- (1) They have been waiting here since four hours
- (2) I have lived in this house since most of my life.
- (3) The family has been abroad since 1998.
- (4) She worked in the college since 1996 to 2001

Options :

1908892077. 1

1908892078. 2

1908892079. 3

1908892080. 4

Question Number : 71 Question Id : 190889536 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

We got back to the hotel _____ the stroke of midnight.

(1) at

(2) with

(3) up

(4) in

Options :

1908892081. 1

1908892082. 2

1908892083. 3

1908892084. 4

Question Number : 72 Question Id : 190889537 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

The fiery young politician _____ a spell on his audience

(1) threw

(2) put

(3) cast

(4) hurled

Options :

1908892085. 1

1908892086. 2

1908892087. 3

1908892088. 4

Question Number : 73 Question Id : 190889538 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Before we went hiking, we spent many hours _____ over the maps

(1) pouring

(2) sitting

(3) poring

(4) pouting

Options :

1908892097. 1

1908892098. 2

1908892099. 3

1908892100. 4

PART IV General Awareness

Section Id :	19088922
Section Number :	4
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	25
Number of Questions to be attempted :	25
Section Marks :	100
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	19088946
Question Shuffling Allowed :	Yes

Question Number : 76 Question Id : 190889541 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Which author and natural historian has been conferred with Indira Gandhi Peace Prize 2019?

- (1) Steve Backshall (2) David Attenborough
(3) Terri Irwin (4) Chris Packham

Options :

1908892101. 1
1908892102. 2
1908892103. 3
1908892104. 4

Question Number : 77 Question Id : 190889542 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

In contrast to what was previously recognized by Nepal, the height of Mt. Everest has now been found to be higher by how many centimetres?

- (1) 85 cm (2) 84 cm
(3) 86 cm (4) 88 cm

Options :

1908892105. 1
1908892106. 2
1908892107. 3
1908892108. 4

Question Number : 78 Question Id : 190889543 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Which of the following copper alloys is used for the manufacture of springs and suspension filaments in electrical instruments?

- (1) Bronze
- (2) Aluminium bronze
- (3) German silver
- (4) Phosphorus bronze

Options :

- 1908892109. 1
- 1908892110. 2
- 1908892111. 3
- 1908892112. 4

Question Number : 79 Question Id : 190889544 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Indonesia has released special commemorative stamp on theme of Ramayana to mark 70th anniversary of establishment of its diplomatic ties with India. Which scene of Ramayana has been depicted on the stamp?

- (1) Ram, Sita and Laxman return to Ayodhya after 14 years
- (2) Sita's Swayamwar
- (3) Jatayu fights to save Sita
- (4) Hanuman carries the mountain with Sanjeevani booti

Options :

- 1908892113. 1

1908892114. 2

1908892115. 3

1908892116. 4

Question Number : 80 Question Id : 190889545 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Assertion (A): The Buland Darwaza at Fatehpur Sikri was built by Akbar in 1602.

Reason (R): He wanted to commemorate his conquest of Gujarat.

- (1) Both A and R are true and R is the correct explanation of A
- (2) Both A and R are true but R is not a correct explanation of A
- (3) A is true but R is false
- (4) A is false but R is true

Options :

1908892117. 1

1908892118. 2

1908892119. 3

1908892120. 4

Question Number : 81 Question Id : 190889546 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

State Financial Corporations mainly give assistance to develop which of the following?

- (1) Small and medium scale industries
- (2) Agricultural farms
- (3) Cotton industry
- (4) Large scale industries

Options :

1908892121. 1

1908892122. 2

1908892123. 3

1908892124. 4

Question Number : 82 Question Id : 190889547 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

What is the name of the Mental Health Rehabilitation Helpline, to be launched by the Social Justice Ministry?

- | | |
|---------------|-------------|
| (1) Asha | (2) Empower |
| (3) Mind Tree | (4) Kiran |

Options :

1908892125. 1

1908892126. 2

1908892127. 3

1908892128. 4

Question Number : 83 Question Id : 190889548 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Consider the following statements about a classical dance form

- (A) Tribhanga is a special feature of this dance.
- (B) The torso movement is very important and is a unique feature of this dance.
- (C) Many of today's Gurus of this style belong to the Gotipua tradition.

Identify the classical dance form using the above clues.

- | | |
|---------------|---------------|
| (1) Kuchipudi | (2) Odissi |
| (3) Sattriya | (4) Kathakali |

Options :

1908892129. 1

1908892130. 2

1908892131. 3

1908892132. 4

Question Number : 84 Question Id : 190889549 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Which country has decided to re-introduce tax on big Digital firms like Facebook, Amazon, Google?

(1) India

(2) France

(3) Germany

(4) China

Options :

1908892133. 1

1908892134. 2

1908892135. 3

1908892136. 4

Question Number : 85 Question Id : 190889550 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

India has begun discussions with which of the following countries on launching a trilateral Supply Chain Resilience Initiative (SCRI) to reduce dependency on China, necessitated by Beijing's aggressive political and military behaviour?

- (1) Sri Lanka and Japan
- (2) Japan and South Korea
- (3) Japan and Australia
- (4) New Zealand and Australia

Options :

- 1908892137. 1
- 1908892138. 2
- 1908892139. 3
- 1908892140. 4

Question Number : 86 Question Id : 190889551 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Who among the following foreigners was the first to visit India?

- (1) Hiuen-Tsang
- (2) Megasthenese
- (3) I Ching
- (4) Fahien

Options :

- 1908892141. 1
- 1908892142. 2
- 1908892143. 3
- 1908892144. 4

Question Number : 87 Question Id : 190889552 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Who among the following is the fastest Asian to cycle the globe?

- | | |
|----------------------|---------------------|
| (1) Vedangi Kulkarni | (2) Xu Yukun |
| (3) Miho Yoshikawa | (4) Rameshwori Devi |

Options :

- 1908892145. 1
- 1908892146. 2
- 1908892147. 3
- 1908892148. 4

Question Number : 88 Question Id : 190889553 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Article 371A of the Constitution of India provides special privileges to which one of the following state?

- | | |
|--------------|-------------|
| (1) Nagaland | (2) Mizoram |
| (3) Sikkim | (4) Manipur |

Options :

- 1908892149. 1
- 1908892150. 2
- 1908892151. 3
- 1908892152. 4

Question Number : 89 Question Id : 190889554 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Which of the following indigenous sports has not been included in Khelo India Youth Games 2021?

- (1) Kalaripayattu (2) Gatka
(3) Thang-Ta (4) Vallamkali

Options :

1908892153. 1
1908892154. 2
1908892155. 3
1908892156. 4

Question Number : 90 Question Id : 190889555 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Ross Island in Andaman and Nicobar group of islands has been recently renamed as?

- (1) Shaheed dweep (2) Swaraj dweep
(3) Netaji Subhas Chandra Bose Island (4) Atal Island

Options :

1908892157. 1
1908892158. 2
1908892159. 3
1908892160. 4

Question Number : 91 Question Id : 190889556 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Who among the following has been given the power by the Constitution of India to “Impose Reasonable Restrictions” on the fundamental rights?

- (1) President (2) Parliament
(3) Supreme Court (4) Both Parliament and Supreme Court

Options :

1908892161. 1
1908892162. 2
1908892163. 3
1908892164. 4

Question Number : 92 Question Id : 190889557 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Which of the following kinds of cells in the human blood have the longest life span?

- (1) Basophil (2) Erythrocyte
(3) Neutrophil (4) Platelets

Options :

1908892165. 1
1908892166. 2
1908892167. 3
1908892168. 4

Question Number : 93 Question Id : 190889558 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Who translated the book 'The Story of My Experiments with Truth' written by M.K. Gandhi from Gujarati to English?

- | | |
|---------------------|---------------------|
| (1) Mahadev Desai | (2) J. B. Kripalani |
| (3) Mohanlal Pandya | (4) Vinoba Bhave |

Options :

- 1908892169. 1
- 1908892170. 2
- 1908892171. 3
- 1908892172. 4

Question Number : 94 Question Id : 190889559 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

If the Balance of Payment of a country is adverse, then which institution will help that country?

- | | |
|---------------------------------|------------------------------|
| (1) World Bank | (2) World Trade Organization |
| (3) International Monetary Fund | (4) Asian Development Bank |

Options :

- 1908892173. 1
- 1908892174. 2
- 1908892175. 3
- 1908892176. 4

Question Number : 95 Question Id : 190889560 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

The world's first Yoga University outside India – 'Vivekananda Yoga University' was launched on 23rd June 2020 in which city?

- | | |
|--------------|-----------------|
| (1) New York | (2) London |
| (3) Berlin | (4) Los Angeles |

Options :

- 1908892177. 1
- 1908892178. 2
- 1908892179. 3
- 1908892180. 4

Question Number : 96 Question Id : 190889561 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Which Indian state has approved to rename caste-based settlements?

- | | |
|----------------|--------------------|
| (1) Tamil Nadu | (2) Andhra Pradesh |
| (3) Karnataka | (4) Maharashtra |

Options :

- 1908892181. 1
- 1908892182. 2
- 1908892183. 3
- 1908892184. 4

Question Number : 97 Question Id : 190889562 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

India announced a Grant of USD 15 million for promoting Buddhist ties with which of the following country?

- | | |
|----------------|---------------|
| (1) Nepal | (2) Sri Lanka |
| (3) Bangladesh | (4) Vietnam |

Options :

- 1908892185. 1
- 1908892186. 2
- 1908892187. 3
- 1908892188. 4

Question Number : 98 Question Id : 190889563 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Who among the following has won the maximum number of gold medals at a single Olympics games in the history of Olympics?

- | | |
|--------------------|--------------------|
| (1) Michael Phelps | (2) James Connelly |
| (3) Mark Spitz | (4) Abebe Bikila |

Options :

- 1908892189. 1
- 1908892190. 2
- 1908892191. 3
- 1908892192. 4

Question Number : 99 Question Id : 190889564 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Which of the following indicators are parts of the Inclusive Development Index?

- (A) Living Standards
 - (B) Environmental Sustainability
 - (C) Protection of Future Generations from Further Indebtedness
 - (D) Financial Inclusion
- (1) (A), (B) and (C) (2) (A), (C) and (D)
(3) (B), (C) and (D) (4) (A), (B) and (D)

Options :

- 1908892193. 1
- 1908892194. 2
- 1908892195. 3
- 1908892196. 4

Question Number : 100 Question Id : 190889565 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Which of the following organization has decided to formulate Digital Payment Index?

- (1) Niti Aayog (2) RBI
- (3) NPCI (4) SBI

Options :

- 1908892197. 1
- 1908892198. 2
- 1908892199. 3
- 1908892200. 4

PART V Innovation and Entrepreneurship

Section Id :	19088923
Section Number :	5
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	17
Number of Questions to be attempted :	17
Section Marks :	100
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	19088947
Question Shuffling Allowed :	Yes

Question Number : 101 Question Id : 190889566 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Which one of the following Ministry publishes the Economic Survey of India?

- (1) Ministry of Finance
- (2) Ministry of External Affairs
- (3) Ministry of Commerce and Industry
- (4) Ministry of Statistics and Programme Implementation

Options :

- 1908892201. 1
- 1908892202. 2
- 1908892203. 3
- 1908892204. 4

Question Number : 102 Question Id : 190889567 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

India's first live Payments Bank was launched by

- | | |
|-----------------------|-------------------|
| (1) Aditya Birla Idea | (2) Cholamandalam |
| (3) Bharti Airtel | (4) Paytm |

Options :

- 1908892205. 1
- 1908892206. 2
- 1908892207. 3
- 1908892208. 4

Question Number : 103 Question Id : 190889568 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

What is the title of the Authorised Biography of J.R.D. TATA?

- | | |
|---------------------------------|-----------------------------------|
| (1) My Times : An Autobiography | (2) Beyond the Last Blue Mountain |
| (3) Ace Against Odds | (4) Wings of Fire |

Options :

- 1908892209. 1
- 1908892210. 2
- 1908892211. 3
- 1908892212. 4

Question Number : 104 Question Id : 190889569 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Which country is No 1 in ease of doing business from last four years from 2017?

- | | |
|-------------------|-----------------|
| (1) Canada | (2) Norway |
| (3) United States | (4) New Zealand |

Options :

- 1908892213. 1
- 1908892214. 2
- 1908892215. 3
- 1908892216. 4

Question Number : 105 Question Id : 190889570 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

The process of gathering information about market or socio-economic trends is called

- (1) Need for achievement
- (2) Tenacity
- (3) Neuroticism
- (4) Environmental Scanning

Options :

- 1908892217. 1
- 1908892218. 2
- 1908892219. 3
- 1908892220. 4

Question Number : 106 Question Id : 190889571 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Which city is ranked as one of the world's five fastest growing startup cities?

- (1) Cochin
- (2) Ahmedabad
- (3) Bangalore
- (4) Nagpur

Options :

- 1908892221. 1
- 1908892222. 2
- 1908892223. 3
- 1908892224. 4

Sub-Section Number : 2
Sub-Section Id : 19088948
Question Shuffling Allowed : Yes

Question Id : 190889572 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions :
No

Question Numbers : (107 to 115)

Question Label : Comprehension

After reading the passage given below, choose the best answer to each question that follows :

In contrast to traditional analyses of minority business, the sociological analysis contends that minority business ownership is a group-level phenomenon, in that it is largely dependent upon social-group resources for its development. Specifically, this analysis indicates that support networks play a critical role in starting and maintaining minority business enterprises by providing owners with a range of assistance, from the informal encouragement of family members and friends to dependable sources of labor and clientele from the owner's ethnic group. Such self-help networks, which encourage and support ethnic minority entrepreneurs, consist of "primary" institutions, those closest to the individual in shaping his or her behavior and beliefs. They are characterized by the face-to-face association and cooperation of persons united by ties of mutual concern. They form an intermediate social level between the individual and larger "secondary" institutions based on impersonal relationships. Primary institutions comprising the support network include kinship, peer, and neighborhood or community subgroups. A major function of self-help networks is financial support. Most scholars agree that minority business owners have depended primarily on family funds and ethnic community resources for investment capital. Personal savings have been accumulated, often through frugal living habits that require sacrifices by the entire family and are thus a product of long-term family financial behavior. Additional loans and gifts from relatives, forthcoming because of group obligation rather than narrow investment calculation, have supplemented personal savings. Individual entrepreneurs do not necessarily rely on their kin because they cannot obtain financial backing from commercial resources. They may actually avoid banks because they assume

that commercial institutions either cannot comprehend the special needs of minority enterprise or charge unreasonably high interest rates. Within the larger ethnic community, rotating credit associations have been used to raise capital. These associations are informal clubs of friends and other trusted members of the ethnic group who make regular contributions to a fund that is given to each contributor in rotation. One author estimates that 40 percent of New York Chinatown firms established during 1900-1950 utilized such associations as their initial source of capital. However, recent immigrants and third or fourth generations of older groups now employ rotating credit associations only occasionally to raise investment funds. Some groups, like Black Americans, found other means of financial support for their entrepreneurial efforts. The first Black-operated banks were created in the late nineteenth century as depositories for dues) collected from fraternal or lodge groups, which themselves had sprung from Black churches. Black banks made limited investments in other Black enterprises. Irish immigrants in American cities organized many building and loan associations to provide capital for home construction and purchase. They, in turn, provided work for many Irish home-building contractor firms. Other ethnic and minority groups followed similar practices in founding ethnic-directed financial institutions. (The passage taken from Book/News/Open source)

Sub questions

Question Number : 107 Question Id : 190889573 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Based on the information in the passage, it would be LEAST likely for which of the following persons to be part of a self-help network?

- (1) The entrepreneur's childhood friend
- (2) The entrepreneur's aunt
- (3) The entrepreneur's religious leader
- (4) The entrepreneur's banker

Options :

- 1908892225. 1
- 1908892226. 2
- 1908892227. 3

1908892228. 4

Question Number : 108 Question Id : 190889574 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Which of the following shows the working of a self-help support network, as it is described in the passage?

- (1) A public high school offers courses in book-keeping and accounting as part of its open-enrollment adult education program
- (2) The local government in a small city sets up a program that helps teen-agers find summer jobs
- (3) A neighborhood-based fraternal organization develops a program of on-the-job training for its members and their friends
- (4) A community college offers country residents training programs that can lead to certification in a variety of technical

Options :

1908892229. 1

1908892230. 2

1908892231. 3

1908892232. 4

Question Number : 109 Question Id : 190889575 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

The passage best supports which of the following statements?

- (1) A minority entrepreneur who had no assistance from family members would not be able to start a business
- (2) Self-help networks have been effective in helping entrepreneurs primarily in the last 50 years
- (3) Minority groups have developed a range of alternatives to standard financing of business ventures
- (4) Successful minority-owned businesses succeed primarily because of the personal strengths of their founders

Options :

- 1908892233. 1
- 1908892234. 2
- 1908892235. 3
- 1908892236. 4

Question Number : 110 Question Id : 190889576 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

According to the passage, once a minority-owned business is established, self-help networks contribute which of the following to that business?

- (1) Information regarding possible expansion of the business into nearby communities
- (2) Encouragement of a business climate that is nearly free of direct competition
- (3) Opportunities for the business owner to reinvest profits in other minority-owned businesses
- (4) Contact with people who are likely to be customers of the new business

Options :

- 1908892237. 1
- 1908892238. 2
- 1908892239. 3

1908892240. 4

Question Number : 111 Question Id : 190889577 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

According to the passage that traditional analyses of minority business would be LEAST likely to do which of the following?

- (1) Examine businesses primarily in their social contexts
- (2) Focus on current, rather than historical, examples of business enterprises
- (3) Focus on the maintenance of businesses, rather than means of starting them
- (4) Focus on the role of individual entrepreneurs in starting a business

Options :

- 1908892241. 1
- 1908892242. 2
- 1908892243. 3
- 1908892244. 4

Question Number : 112 Question Id : 190889578 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Which of the following can be inferred from the passage about the Irish building and loan associations?

- (1) They were started by third- or fourth-generation immigrants
- (2) They originated as offshoots of church-related groups
- (3) They frequently helped Irish entrepreneurs to finance business not connected with construction
- (4) They contributed to the employment of many Irish construction workers

Options :

- 1908892245. 1
- 1908892246. 2

1908892247. 3

1908892248. 4

Question Number : 113 Question Id : 190889579 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Which of the following statement is NOT correct as per the above passage?

- (1) A major function of self-help networks is financial support
- (2) Within the larger ethnic community, rotating credit associations have been used to raise capital
- (3) This analysis indicates that support networks play a critical role in starting and maintaining minority business enterprises by providing owners with a range of assistance
- (4) When you need venture funding no one will give any money until you already have a marketable product; in other words, funding comes just when you do not need it

Options :

1908892249. 1

1908892250. 2

1908892251. 3

1908892252. 4

Question Number : 114 Question Id : 190889580 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

According to the passage the sociological analysis contends that

- (1) Minority business ownership is a group-level phenomenon, in that it is largely dependent upon social-group resources for its development
- (2) Minority business ownership is not a group-level phenomenon, in that it is largely dependent upon social-group resources for its development
- (3) Minority business ownership is an individual phenomenon, in that it is not dependent upon social-group resources for its development
- (4) Minority business ownership is an individual phenomenon, in that it is independent of social-group resources for its development

Options :

- 1908892253. 1
- 1908892254. 2
- 1908892255. 3
- 1908892256. 4

Question Number : 115 Question Id : 190889581 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

The passage claims that small-scale individual entrepreneurs

- (1) Actually avoid banks because they assume that commercial institutions charge unreasonably high interest rates
- (2) Rushes to banks and other financial institutions for loan
- (3) Avoid National Banks but believe in the private ones
- (4) Never uses own savings for entrepreneurship and depends on Govt. loan

Options :

- 1908892257. 1
- 1908892258. 2
- 1908892259. 3
- 1908892260. 4

Sub-Section Number : 3
Sub-Section Id : 19088949
Question Shuffling Allowed : Yes

**Question Number : 116 Question Id : 190889582 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 4 Wrong Marks : 1**

Which of the following is not one of the traits of an entrepreneur?

- (1) Opportunity Exploration (2) Perseverance
(3) External locus of control (4) Risk Taking

Options :

1908892261. 1
1908892262. 2
1908892263. 3
1908892264. 4

**Question Number : 117 Question Id : 190889583 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 4 Wrong Marks : 1**

A recently registered enterprise started first time the business of online food delivery services using drones in its locality. This type of business can be an example of

- (1) A new enterprise based on new business concept
(2) An existing enterprise based on existing business concept
(3) A New enterprise based on existing business concept
(4) Existing Enterprise based on new business concept

Options :

1908892265. 1
1908892266. 2
1908892267. 3
1908892268. 4

Question Number : 118 Question Id : 190889584 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

At the early stage of start-up, entrepreneurs often focus on sales, but then discover that they need to equally focus on

- | | |
|------------------------|-----------------|
| (1) Overtrading | (2) Outsourcing |
| (3) Managing Cash flow | (4) Taking loan |

Options :

- 1908892269. 1
- 1908892270. 2
- 1908892271. 3
- 1908892272. 4

Question Number : 119 Question Id : 190889585 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Innovation management involves managing

- | | |
|-----------------|----------------------|
| (1) People | (2) Ideas |
| (3) Information | (4) All of the above |

Options :

- 1908892273. 1
- 1908892274. 2
- 1908892275. 3
- 1908892276. 4

Question Number : 120 Question Id : 190889586 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

A business where an individual is both the owner and conductor of the business affairs is called

- (1) Proprietorship Firms
- (2) Partnership Firms
- (3) Private Limited Company
- (4) None of the above

Options :

1908892277. 1

1908892278. 2

1908892279. 3

1908892280. 4

Question Number : 121 Question Id : 190889587 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

The executive summary of business plan should be prepared

- (1) Before writing the entire business plan
- (2) To describe the proposed business in detail
- (3) So that it is at least 10 pages in length
- (4) After you have written the entire business plan

Options :

1908892281. 1

1908892282. 2

1908892283. 3

1908892284. 4

Question Number : 122 Question Id : 190889588 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Which of the following describes a mission statement of start up?

- (1) It describes the viability of the business
- (2) It provides direction and purpose for the start up
- (3) It should be written as the first step in developing a business plan
- (4) All of the above

Options :

- 1908892285. 1
- 1908892286. 2
- 1908892287. 3
- 1908892288. 4

Question Number : 123 Question Id : 190889589 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

_____ grants the holder the right to exclude others from making, selling, using or offering for sale or importing the invention.

- (1) Trademark
- (2) Patent
- (3) Copy
- (4) Trade secret

Options :

- 1908892289. 1
- 1908892290. 2
- 1908892291. 3
- 1908892292. 4

Question Number : 124 Question Id : 190889590 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

The _____ plan shows whether the business is economically feasible or not.

- | | |
|--------------------|-----------------|
| (1) Human Resource | (2) Business |
| (3) Economic | (4) Operational |

Options :

- 1908892293. 1
- 1908892294. 2
- 1908892295. 3
- 1908892296. 4

Question Number : 125 Question Id : 190889591 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Which of the following is NOT included in the financial section of a business plan?

- | | |
|---------------------------------|-----------------------|
| (1) Projected income statements | (2) Break-even point |
| (3) Start-up costs | (4) None of the above |

Options :

- 1908892297. 1
- 1908892298. 2
- 1908892299. 3
- 1908892300. 4