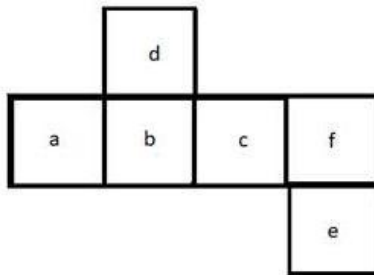


Combined Graduate Level Examination-2019 (Tier-I)

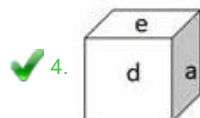
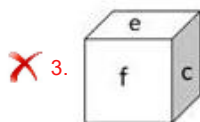
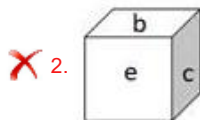
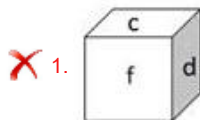
Roll Number	www.exammix.com
	www.exammix.com
Venue Name	
Exam Date	07/03/2020
Exam Time	10:00 AM - 11:00 AM
Subject	CGLE Tier I

Section : General Intelligence and Reasoning

Q.1 Select the box that CANNOT be formed by folding the given unfolded box.



Ans



Question ID : 816161548

Status : Answered

Chosen Option : 4

Q.2 A private taxi company charges a fixed charge along with a per kilometer charge based on the distance covered. For a journey of 24 km, the charges paid are ₹368 and for a journey of 32 km, the charges paid are ₹464. How much will a person have to pay for travelling a distance of 15 km?

Ans ✗ 1. ₹180

✗ 2. ₹280

✗ 3. ₹290

✓ 4. ₹260

Question ID : 816161545

Status : Answered

Chosen Option : 4

Q.3 Select the correct combination of mathematical signs to sequentially replace the * signs, to balance the following equation.

$$(14 * 9 * 6) * 15 * 8$$

- Ans**
1. $- , \div , \times , =$
2. $\div , - , = , \times$
3. $\times , - , \div , =$
4. $\times , = , \div , -$

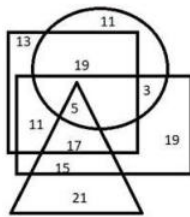
Question ID : 816161544

Status : Answered

Chosen Option : 3

Q.4 The given Venn diagram represents results of a class of students:

The triangle represents students who scored 85% and above in Maths, the circle represents students who scored 85% and above in English, the rectangle represents students who scored 85% and above in Science, and the square represents students who scored 85% and above in Social Sciences. The numbers given in the diagram represent the number of students in that particular category.



How many students scored 85% and above in all the subjects?

- Ans**
1. 15
2. 11
3. 5
4. 17

Question ID : 816161552

Status : Answered

Chosen Option : 3

Q.5 Which of the option figures is the exact mirror image of the given figure when the mirror is held at the right side?

BRWOQWRB

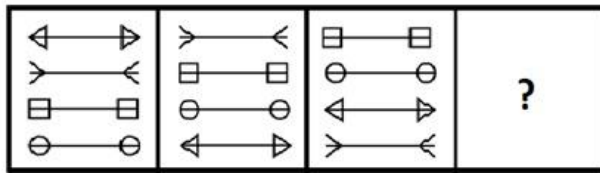
- Ans**
1. BWMQOVRB
2. BWMQWRB
3. BWMQWRB
4. BWMQWRB

Question ID : 816161550

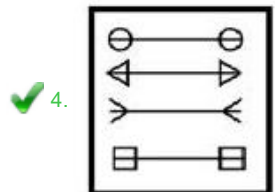
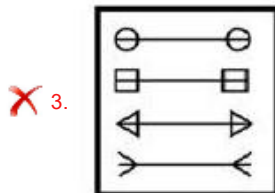
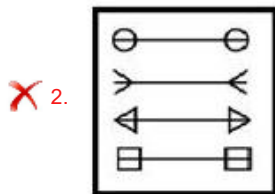
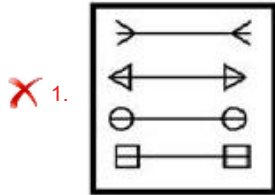
Status : Answered

Chosen Option : 2

Q.6 Select the figure that can replace the question mark (?) in the following series.



Ans



Question ID : 816161546

Status : Answered

Chosen Option : 4

Q.7 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

1. Some cars are buses.
2. Some buses are trucks.
3. Some trucks are scooters

Conclusions:

- I. Some cars are scooters.
- II. Some trucks are buses.
- III. Some scooters are buses
- IV. All scooters are trucks.

Ans

- ✗ 1. All the conclusions follow.
- ✗ 2. Only conclusions II and IV follow.
- ✗ 3. Only conclusions I and II follow.
- ✓ 4. Only conclusion II follows.

Question ID : 816161538

Status : Answered

Chosen Option : 4

Q.8 Select the set of letters that when sequentially placed in the blanks of the given letter series will complete the series.

p_rsqrps_pqs_qr_qrps_p_s

- Ans**
- ☒ 1. q, r, p, p, r, q
 - ☒ 2. q, r, p, s, r, q
 - ☒ 3. r, p, q, s, r, q
 - ☒ 4. p, r, p, s, r, p

Question ID : **816161536**

Status : **Answered**

Chosen Option : **2**

Q.9 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different.

- Ans**
- ☒ 1. 25/41 : 8
 - ☒ 2. 16/20 : 6
 - ☒ 3. 30/51 : 9
 - ☒ 4. 4/5 : 3

Question ID : **816161541**

Status : **Answered**

Chosen Option : **1**

Q.10 In a certain code language, CIRCULAR is coded as 24-3-9-24-1-15-5-9. How will VERTICAL be coded as in that language?

- Ans**
- ☒ 1. 22-4-9-7-3-23-1-15
 - ☒ 2. 5-4-9-7-3-24-5-15
 - ☒ 3. 22-4-9-7-9-24-5-15
 - ☒ 4. 5-2-9-7-3-24-5-15

Question ID : **816161535**

Status : **Answered**

Chosen Option : **4**

Q.11 In a certain code language, 'CREATION' is written as RCAEITNO. How will 'SEQUENCE' be written as in that language?

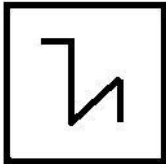
- Ans**
- ☒ 1. ESUQNEEC
 - ☒ 2. ESUQENEC
 - ☒ 3. QESEUENC
 - ☒ 4. QESEUCNE

Question ID : **816161534**

Status : **Answered**

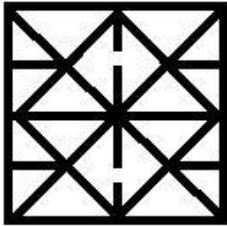
Chosen Option : **1**

Q.12 Select the option figure in which the given figure is embedded (rotation is NOT allowed).

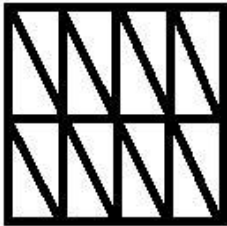


Ans

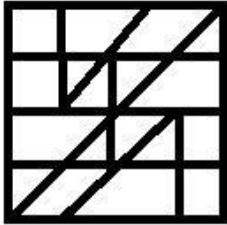
✗ 1.



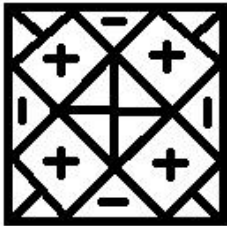
✗ 2.



✓ 3.



✗ 4.

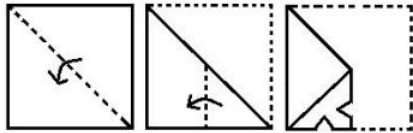


Question ID : 816161549

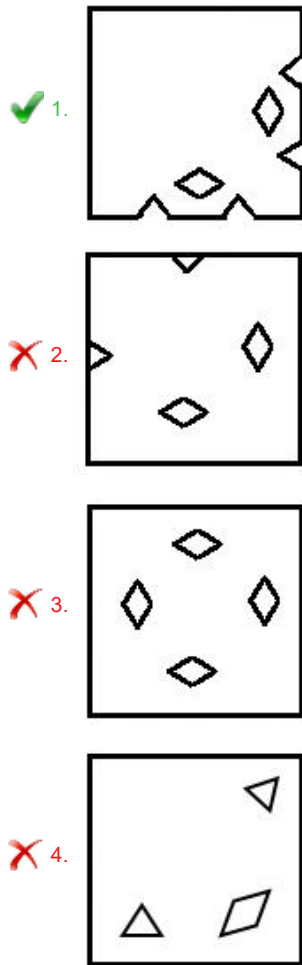
Status : Answered

Chosen Option : 3

Q.13 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



Ans



Question ID : 816161551

Status : Answered

Chosen Option : 1

Q.14 Four letter-clusters have been given, out of which three are alike in some manner, while one is different. Select the odd letter-cluster.

Ans

- ☒ 1. NQT
- ☒ 2. SVY
- ☒ 3. XAD
- ☒ 4. FIK

Question ID : 816161530

Status : Answered

Chosen Option : 4

Q.15 Select the number that can replace the question mark (?) in the following series.

17, 19, 22, 27, 34, 45, 58, ?

- Ans
- ☒ 1. 67
 - ☒ 2. 73
 - ☒ 3. 75
 - ☒ 4. 78

Question ID : 816161539
Status : Answered
Chosen Option : 3

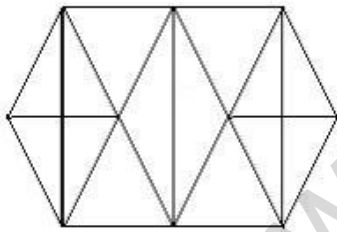
Q.16 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

29	71	67
8	11	14
4	7	?
3	6	3

- Ans
- ☒ 1. 3
 - ☒ 2. 5
 - ☒ 3. 4
 - ☒ 4. 6

Question ID : 816161543
Status : Answered
Chosen Option : 2

Q.17 How many triangles are present in the given figure?



- Ans
- ☒ 1. 26
 - ☒ 2. 22
 - ☒ 3. 28
 - ☒ 4. 30

Question ID : 816161547
Status : Answered
Chosen Option : 4

Q.18 Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

6 : 16 :: 20 : ? :: 11 : 81

- Ans
- ☒ 1. 91
 - ☒ 2. 324
 - ☒ 3. 361
 - ☒ 4. 120

Question ID : 816161540
Status : Answered
Chosen Option : 2

Q.19 Select the option in which the numbers are related in the same way as are the numbers in the given set.

17 : 102 : 153

- Ans
- ☒ 1. 13 : 78 : 108
 - ☒ 2. 16 : 96 : 144
 - ☒ 3. 18 : 104 : 171
 - ☒ 4. 23 : 162 : 207

Question ID : 816161542
Status : Answered
Chosen Option : 2

Q.20 Select the letter-cluster that can replace the question mark (?) in the following series.

eBd, hXi, kTn, nPs, ?

- Ans
- ☒ 1. Qlv
 - ☒ 2. qKx
 - ☒ 3. pLw
 - ☒ 4. qLx

Question ID : 816161528
Status : Answered
Chosen Option : 4

Q.21 A + B means 'A is the mother of B';
A - B means 'A is the husband of B';
A × B means 'A is son of B';
A ÷ B means 'A is the daughter of B'.
If, W × Z + Y ÷ X, then how is X related to Z?

- Ans
- ☒ 1. Daughter
 - ☒ 2. Wife
 - ☒ 3. Husband
 - ☒ 4. Son

Question ID : 816161537
Status : Answered
Chosen Option : 3

Q.22 Select the option that is related to the third word in the same way as the second word is related to the first word.

Amusing : Humorous :: Moist : ?

- Ans**
- ☒ 1. Soak
 - ☐ 2. Humid
 - ☐ 3. Water
 - ☐ 4. Dry

Question ID : **816161532**
Status : **Answered**
Chosen Option : **2**

Q.23 Arrange the following words in the order in which they appear in an English dictionary.

- 1. Decipher
- 2. Decide
- 3. Decline
- 4. Deceive
- 5. Decimal
- 6. Decision

- Ans**
- ☐ 1. 4, 3, 2, 1, 5, 6
 - ☐ 2. 3, 5, 4, 1, 6, 2
 - ☐ 3. 4, 5, 2, 1, 6, 3
 - ☒ 4. 4, 2, 5, 1, 6, 3

Question ID : **816161529**
Status : **Answered**
Chosen Option : **4**

Q.24 Select the option in which the words share the same relationship as that shared by the given pair of words.

Bacteria : Illness

- Ans**
- ☐ 1. Appraisal : Performance
 - ☒ 2. Carelessness : Errors
 - ☐ 3. Disease : Doctor
 - ☐ 4. Painting : Painter

Question ID : **816161533**
Status : **Answered**
Chosen Option : **2**

Q.25 Four words have been given, out of which three are alike in some manner, while one is different. Select the odd word.

- Ans**
- ☐ 1. Roar
 - ☐ 2. Shout
 - ☐ 3. Scream
 - ☒ 4. Mumble

Question ID : **816161531**
Status : **Answered**
Chosen Option : **4**

Section : **General Awareness**

Q.1 Pradhan Mantri Jeevan Jyoti Bima Yojana offers a protection term insurance cover of _____ to the insurer.

- Ans ☒ 1. ₹2 Lakh
☒ 2. ₹5 Lakh
☒ 3. ₹8 Lakh
☒ 4. ₹4 Lakh

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Question ID : 816161556
Status : Answered
Chosen Option : 2

Q.2 Which among the following is NOT an insulator?

- Ans ☒ 1. Mercury
☒ 2. Dry Paper
☒ 3. Glass
☒ 4. Ebonite

Question ID : 816161560
Status : Answered
Chosen Option : 3

Q.3 Which Indian male cricketer won the BCCI CK Nayudu Lifetime Achievement Award for the year 2019?

- Ans ☒ 1. K Srikanth
☒ 2. Sachin Tendulkar
☒ 3. Rahul Dravid
☒ 4. Sunil Gavaskar

Question ID : 816161573
Status : Answered
Chosen Option : 4

Q.4 With reference to the Vedangas, which of the following terms denotes 'Ritual'?

- Ans ☒ 1. Chanda
☒ 2. Kalpa
☒ 3. Vyakarana
☒ 4. Shiksha

Question ID : 816161565
Status : Answered
Chosen Option : 2

Q.5 Where is the Dharmraja Ratha monument located?

- Ans ☒ 1. Suchindram
☒ 2. Kanchipuram
☒ 3. Mahabalipuram
☒ 4. Khajuraho

Question ID : 816161566
Status : Answered
Chosen Option : 4

Q.6 Who was appointed as brand ambassador of Visa - the payment technology company in 2019?

- Ans
- ☒ 1. PT Usha
 - ☒ 2. P.V. Sindhu
 - ☒ 3. Dutee Chand
 - ☒ 4. Sania Mirza

Question ID : **816161575**
Status : **Answered**
Chosen Option : **2**

Q.7 Who is the author of the book 'Wise and Otherwise: A Salute to Life'?

- Ans
- ☒ 1. Zoya Hasan
 - ☒ 2. Amrita Pritam
 - ☒ 3. Sudha Murthy
 - ☒ 4. Kiran Desai

Question ID : **816161570**
Status : **Not Answered**
Chosen Option : --

Q.8 Which of the following states does NOT share its boundary with Bangladesh?

- Ans
- ☒ 1. Meghalaya
 - ☒ 2. Tripura
 - ☒ 3. Assam
 - ☒ 4. Manipur

Question ID : **816161562**
Status : **Answered**
Chosen Option : **2**

Q.9 Pravasi Bharatiya Divas is celebrated on:

- Ans
- ☒ 1. 2nd January
 - ☒ 2. 8th January
 - ☒ 3. 9th January
 - ☒ 4. 1st January

Question ID : **816161576**
Status : **Answered**
Chosen Option : **2**

Q.10 The Pritzker prize is an international award given to recognise contribution in the field of _____.

- Ans
- ☒ 1. medicine
 - ☒ 2. literature
 - ☒ 3. mathematics
 - ☒ 4. architecture

Question ID : **816161569**
Status : **Answered**
Chosen Option : **2**

Q.11 Which of the following rivers forms the Dhuandhar waterfall near Jabalpur?

- Ans
- ☒ 1. Tapi
 - ☒ 2. Luni
 - ☒ 3. Narmada
 - ☒ 4. Tungabhadra

Question ID : 816161563
Status : Answered
Chosen Option : 1

Q.12 The power of a lens is -2.0 D. Here 'D' stands for:

- Ans
- ☒ 1. dilation
 - ☒ 2. distance
 - ☒ 3. diopetre
 - ☒ 4. degree

Question ID : 816161561
Status : Answered
Chosen Option : 3

Q.13 Select the correct pair of dance form and its state.

- Ans
- ☒ 1. Padayani – Kerala
 - ☒ 2. Dalkhai – Karnataka
 - ☒ 3. Thang Ta – Bihar
 - ☒ 4. Kalbelia – Himachal Pradesh

Question ID : 816161554
Status : Answered
Chosen Option : 1

Q.14 Which among the following has its refractive index closest to that of crown glass?

- Ans
- ☒ 1. Sapphire
 - ☒ 2. Ruby
 - ☒ 3. Diamond
 - ☒ 4. Canada balsam

Question ID : 816161559
Status : Answered
Chosen Option : 3

Q.15 The Indian National Congress session of September 1920 was held at _____.

- Ans
- ☒ 1. Calcutta
 - ☒ 2. Madras
 - ☒ 3. Nagpur
 - ☒ 4. Lucknow

Question ID : 816161568
Status : Answered
Chosen Option : 4

Q.16 For which game has the Father of Leander Paes been a member of the Indian National Team?

- Ans ☒ 1. Hockey
☐ 2. Basketball
☐ 3. Tennis
☐ 4. Badminton

Question ID : 816161574
Status : Answered
Chosen Option : 1

Q.17 What does 'T' stand for in ATM?

- Ans ☐ 1. Transfer
☐ 2. Trunk
☒ 3. Teller
☐ 4. Transaction

Question ID : 816161555
Status : Answered
Chosen Option : 3

Q.18 Which of the following pairs is CORRECT with reference to mountain passes?

- Ans ☐ 1. Rohtang - Sikkim
☒ 2. Lipulekh - Uttarakhand
☐ 3. Bomdila - Himachal Pradesh
☐ 4. Nathula - Arunachal Pradesh

Question ID : 816161564
Status : Answered
Chosen Option : 4

Q.19 In which year was the first amendment to the Constitution of India made?

- Ans ☐ 1. 1950
☐ 2. 1953
☒ 3. 1951
☐ 4. 1952

Question ID : 816161572
Status : Answered
Chosen Option : 3

Q.20 Which among the following is a cation?

- Ans ☒ 1. Ammonium
☐ 2. Iodide
☐ 3. Fluoride
☐ 4. Chloride

Question ID : 816161557
Status : Answered
Chosen Option : 1

Q.21 Which of the following monasteries is located in Sikkim?

- Ans ☒ 1. Rumtek
☐ 2. Kye
☐ 3. Hemis
☐ 4. Tabo

Question ID : 816161553
Status : Not Answered
Chosen Option : --

Q.22 The scientific study of a cell is called:

- Ans ☐ 1. taxonomy
☐ 2. physiology
☐ 3. histology
☒ 4. cytology

Question ID : 816161558
Status : Answered
Chosen Option : 1

Q.23 Which of the following Articles of the Constitution of India guarantees the Right to Freedom of Religion?

- Ans ☐ 1. Articles 19-22
☐ 2. Articles 23-24
☐ 3. Articles 14-18
☒ 4. Articles 25-28

Question ID : 816161571
Status : Not Answered
Chosen Option : --

Q.24 In December 2019, the Rohtang passageway in Himachal Pradesh was renamed as:

- Ans ☒ 1. Atal Tunnel
☐ 2. Mukherjee Tunnel
☐ 3. Swaraj Tunnel
☐ 4. Bose Tunnel

Question ID : 816161577
Status : Answered
Chosen Option : 1

Q.25 The Council of Ministers during the time of Shivaji Maharaj was known as:

- Ans ☒ 1. Ashta Pradhan
☐ 2. Navaratnas
☐ 3. Agraharam
☐ 4. Ashta Diggajas

Question ID : 816161567
Status : Answered
Chosen Option : 1

Section : Quantitative Aptitude

Q.1

The value of $\frac{1-2\sin^2\theta\cos^2\theta}{\sin^4\theta+\cos^4\theta} - 1$ is :

- Ans
- ☒ 1. -1
 - ☒ 2. 1
 - ☒ 3. $-2\sin^2\theta\cos^2\theta$
 - ☒ 4. 0

Question ID : 816161596

Status : Answered

Chosen Option : 4

Q.2 From the given table, what is the percentage of students scoring 40 or more, but less than 70.

Scores	less than 20	less than 30	less than 40	less than 50	less than 60	less than 70	less than 80
No. of students	12	19	22	31	38	46	50

- Ans
- ☒ 1. 48%
 - ☒ 2. 8%
 - ☒ 3. 96%
 - ☒ 4. 56%

Question ID : 816161601

Status : Answered

Chosen Option : 1

Q.3 The Value of $3 - (9 - 3 \times 8 \div 2)$ is

- Ans
- ☒ 1. -21
 - ☒ 2. 6
 - ☒ 3. 0
 - ☒ 4. $\frac{21}{2}$

Question ID : 816161579

Status : Answered

Chosen Option : 2

Q.4 The coefficient of y in the expansion of $(2y - 5)^3$, is:

- Ans
- ☒ 1. 150
 - ☒ 2. 50
 - ☒ 3. -30
 - ☒ 4. -150

Question ID : 816161590

Status : Answered

Chosen Option : 1

Q.5 In a school, the distribution of teachers is as follows:

Age (years)	20-25	25-30	30-35	35-40	40-45	45-50	50-55
No. of Teachers	2	3	5	2	6	7	5

The total number of teachers of age less than 40 years is:

- Ans ☒ 1. 12
☐ 2. 10
☐ 3. 39
☐ 4. 18

Question ID : 816161600
Status : Answered
Chosen Option : 1

Q.6 Ten men or twelve women can finish the same work in 10 days. If 5 men and 2 women undertake the work together, how many days will they take to complete the work?

- Ans ☒ 1. 15
☐ 2. 40
☐ 3. 20
☐ 4. 60

Question ID : 816161586
Status : Answered
Chosen Option : 1

Q.7 In an examination, Anita scored 31% marks and failed by 16 marks. Sunita scored 40% marks and obtained 56 marks more than those required to pass. Find the minimum marks required to pass.

- Ans ☐ 1. 3116
☒ 2. 264
☐ 3. 3944
☐ 4. 7100

Question ID : 816161582
Status : Answered
Chosen Option : 2

Q.8 If the given number $925x85$ is divisible by 11, then the smallest value of x is:

- Ans ☐ 1. 1
☐ 2. 2
☐ 3. 3
☒ 4. 4

Question ID : 816161578
Status : Answered
Chosen Option : 4

Q.9 Two cars A and B leave Delhi at 8:30 a.m. and at 9 a.m. for Shimla, respectively. They travel at the speeds of 40km/h and 50 km/h respectively. How many kilometres away from Delhi will the two cars be together?

- Ans
- ☒ 1. 45 km
 - ☒ 2. 100 km
 - ☒ 3. 200 km
 - ☒ 4. 5 km

Question ID : **816161587**
Status : **Answered**
Chosen Option : **2**

Q.10 What is the value of $\sin 30^\circ + \cos 30^\circ - \tan 45^\circ$?

- Ans
- ☒ 1. $\frac{\sqrt{3} - 1}{2}$
 - ☒ 2. $\frac{\sqrt{2} + 1}{\sqrt{2}}$
 - ☒ 3. $\frac{\sqrt{3} + 1}{2}$
 - ☒ 4. $\frac{1 - \sqrt{3}}{2}$

Question ID : **816161598**
Status : **Answered**
Chosen Option : **1**

Q.11 While selling an article of marked price ₹5,040 at a discount of 40%, if a trader gains 20%, then the profit in ₹ is:

- Ans
- ☒ 1. ₹642
 - ☒ 2. ₹504
 - ☒ 3. ₹720
 - ☒ 4. ₹2,520

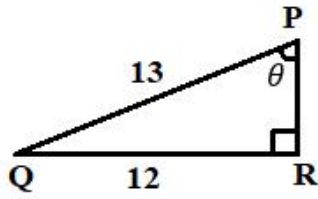
Question ID : **816161581**
Status : **Answered**
Chosen Option : **2**

Q.12 By selling 18 table fans for ₹11,664 a man incurs a loss of 10%. How many fans should he sell for ₹17,424 to earn 10% profit?

- Ans
- ☒ 1. 18
 - ☒ 2. 22
 - ☒ 3. 20
 - ☒ 4. 23

Question ID : **816161583**
Status : **Answered**
Chosen Option : **2**

Q.13 In the given figure, $\cos \theta$ is equal to:

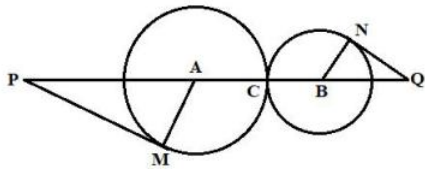


Ans

- ☒ 1. $\frac{5}{13}$
☐ 2. $\frac{12}{13}$
☐ 3. $\frac{5}{12}$
☐ 4. $\frac{12}{5}$

Question ID : 816161597
 Status : Answered
 Chosen Option : 1

Q.14 In the given figure, MP is tangent to a circle with centre A and NQ is a tangent to a circle with centre B. If MP = 15 cm, NQ = 8 cm, PA = 17 cm and BQ = 10 cm, then AB is:

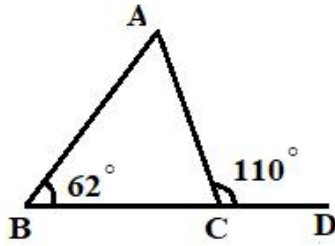


Ans

- ☐ 1. 28 cm
☒ 2. 14 cm
☐ 3. 13.5 cm
☐ 4. 23 cm

Question ID : 816161593
 Status : Answered
 Chosen Option : 2

Q.15 In the given figure, the measure of $\angle BAC$ is:



- Ans
- ☒ 1. 56°
 - ☒ 2. 62°
 - ☒ 3. 58°
 - ☒ 4. 48°

Question ID : 816161594
Status : Answered
Chosen Option : 4

Q.16 The simple interest on a sum of ₹50,000 at the end of two years is ₹4,000. What would be the compound interest on the same sum at the same rate for the same period?

- Ans
- ☒ 1. ₹4,040
 - ☒ 2. ₹4,080
 - ☒ 3. ₹4,008
 - ☒ 4. ₹8,000

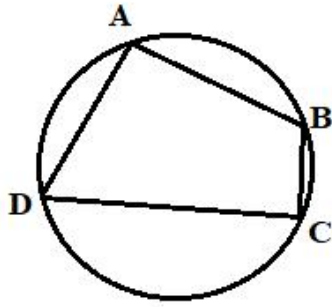
Question ID : 816161585
Status : Answered
Chosen Option : 2

Q.17 If $1 - 64x^3 - 12x + px^2 = (1 - 4x)^3$, then the value of p is:

- Ans
- ☒ 1. 48
 - ☒ 2. -12
 - ☒ 3. -48
 - ☒ 4. 16

Question ID : 816161591
Status : Answered
Chosen Option : 1

Q.18 In the figure, if $\angle A = 100^\circ$ then $\angle C = ?$



- Ans
- ☒ 1. 50°
 - ☒ 2. 90°
 - ☒ 3. 80°
 - ☒ 4. 100°

Question ID : 816161592

Status : Answered

Chosen Option : 3

Q.19 The value of $151^2 - 149^2$ is:

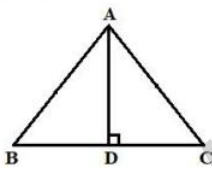
- Ans
- ☒ 1. 600
 - ☒ 2. 300
 - ☒ 3. 2^2
 - ☒ 4. 400

Question ID : 816161589

Status : Answered

Chosen Option : 1

Q.20 In the given figure, $\triangle ABC$ is an isosceles triangle, in which $AB = AC$, $AD \perp BC$, $BC = 6$ cm and $AD = 4$ cm. The length of AB is:



- Ans
- ☒ 1. 7 cm
 - ☒ 2. 6 cm
 - ☒ 3. 5 cm
 - ☒ 4. 4 cm

Question ID : 816161595

Status : Answered

Chosen Option : 3

Q.21 The area of the four walls of a room having length 6 m, breadth 4 m and height 4 m, is:

- Ans
- ☒ 1. 50 m^2
 - ☒ 2. 60 m^2
 - ☒ 3. 40 m^2
 - ☒ 4. 80 m^2

Question ID : 816161588
Status : Answered
Chosen Option : 4

Q.22 If $A : B = 3 : 5$, and $B : C = 2 : 3$, then $A : B : C$ is equal to:

- Ans
- ☒ 1. $3 : 8 : 6$
 - ☒ 2. $3 : 7 : 3$
 - ☒ 3. $6 : 10 : 15$
 - ☒ 4. $6 : 15 : 10$

Question ID : 816161584
Status : Answered
Chosen Option : 3

Q.23 Study the given table carefully and answer the question that follows.

Year	2010	2011	2012	2013	2014
Number of students that appeared for an examination	600	750	840	960	1020
Number of students passed	420	510	525	620	810
Number of students passed with distinction	120	165	210	324	450

The percentage of students who have passed with distinction in the year 2012, is:

- Ans
- ☒ 1. 25%
 - ☒ 2. 20%
 - ☒ 3. 22%
 - ☒ 4. 27%

Question ID : 816161599
Status : Answered
Chosen Option : 1

Q.24 The average of five consecutive odd numbers is m . If the next three odd numbers are also included, then what is the increase in the average?

- Ans
- ☒ 1. 3
 - ☒ 2. 0
 - ☒ 3. 17
 - ☒ 4. 8

Question ID : 816161580
Status : Answered
Chosen Option : 1

Q.25 In a particular year, the number of students enrolled in different streams in a College is as follows:

Science		Arts		Commerce		Vocational	
Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
32	18	28	45	42	42	13	30

The percentage of girl students is:

- Ans
- ☒ 1. 46%
 - ☒ 2. 50%
 - ☒ 3. 135%
 - ☒ 4. 54%

Question ID : **816161602**
Status : **Answered**
Chosen Option : **4**

Section : English Comprehension

Q.1 Select the most appropriate synonym of the given word.

Sacred

- Ans
- ☒ 1. Holy
 - ☒ 2. Scarce
 - ☒ 3. Precious
 - ☒ 4. Valued

Question ID : **816161617**
Status : **Answered**
Chosen Option : **1**

Q.2 Select the option that can be used as a one word substitute for the given group of words.

A game in which neither party wins

- Ans
- ☒ 1. Quit
 - ☒ 2. Draw
 - ☒ 3. Flop
 - ☒ 4. Equal

Question ID : **816161623**
Status : **Answered**
Chosen Option : **2**

Q.3 Select the correct passive form of the given sentence.

The children sang the National Anthem with great enthusiasm.

- Ans
- ☒ 1. The National Anthem was sung with great enthusiasm by the children.
 - ☒ 2. The National Anthem has been sung with great enthusiasm by the children.
 - ☒ 3. The National Anthem is sung with great enthusiasm by the children.
 - ☒ 4. The National Anthem was being sung with great enthusiasm by the children.

Question ID : **816161605**
Status : **Answered**
Chosen Option : **1**

Q.4 Select the INCORRECTLY spelt word.

- Ans
- ☒ 1. Alien
 - ☒ 2. Awful
 - ☒ 3. Already
 - ☒ 4. Accross

Question ID : **816161625**
Status : **Answered**
Chosen Option : **4**

Q.5 Select the most appropriate ANTONYM of the given word.

Native

- Ans
- ☒ 1. Urban
 - ☒ 2. Foreign
 - ☒ 3. Rustic
 - ☒ 4. Rural

Question ID : **816161619**
Status : **Answered**
Chosen Option : **2**

Q.6 Select the most appropriate meaning of the given idiom.

Look down upon

- Ans
- ☒ 1. To look for something underground
 - ☒ 2. To be full of guilt
 - ☒ 3. To look down from a height
 - ☒ 4. To consider someone inferior

Question ID : **816161621**
Status : **Answered**
Chosen Option : **2**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Advertising is the promotion of goods and services. It provides an (1)_____ to the manufacturing companies to sell their (2)_____ better than their competitors. Every time we switch (3)_____ the television we find some product or the other (4)_____ pushed towards us. It cannot be denied that the (5)_____ behind commercial advertising is to increase sales and earn more profit.

SubQuestion No : 7

Q.7 Select the most appropriate option to fill in blank number (1).

- Ans
- ☒ 1. occasion
 - ☒ 2. excuse
 - ☒ 3. event
 - ☒ 4. opportunity

Question ID : **816161610**
Status : **Answered**
Chosen Option : **4**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Advertising is the promotion of goods and services. It provides an (1)_____ to the manufacturing companies to sell their (2)_____ better than their competitors. Every time we switch (3)_____ the television we find some product or the other (4)_____ pushed towards us. It cannot be denied that the (5)_____ behind commercial advertising is to increase sales and earn more profit.

SubQuestion No : 8

Q.8 Select the most appropriate option to fill in blank number (2).

- Ans ☒ 1. outcome
☒ 2. products
☒ 3. compounds
☒ 4. creation

Question ID : 816161611

Status : Answered

Chosen Option : 2

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Advertising is the promotion of goods and services. It provides an (1)_____ to the manufacturing companies to sell their (2)_____ better than their competitors. Every time we switch (3)_____ the television we find some product or the other (4)_____ pushed towards us. It cannot be denied that the (5)_____ behind commercial advertising is to increase sales and earn more profit.

SubQuestion No : 9

Q.9 Select the most appropriate option to fill in blank number (3).

- Ans ☒ 1. at
☒ 2. in
☒ 3. on
☒ 4. off

Question ID : 816161612

Status : Answered

Chosen Option : 3

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Advertising is the promotion of goods and services. It provides an (1)_____ to the manufacturing companies to sell their (2)_____ better than their competitors. Every time we switch (3)_____ the television we find some product or the other (4)_____ pushed towards us. It cannot be denied that the (5)_____ behind commercial advertising is to increase sales and earn more profit.

SubQuestion No : 10

Q.10 Select the most appropriate option to fill in blank number (4).

- Ans ☒ 1. to be
☒ 2. be
☒ 3. been
☒ 4. being

Question ID : 816161613

Status : Answered

Chosen Option : 3

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Advertising is the promotion of goods and services. It provides an (1)_____ to the manufacturing companies to sell their (2)_____ better than their competitors. Every time we switch (3)_____ the television we find some product or the other (4)_____ pushed towards us. It cannot be denied that the (5)_____ behind commercial advertising is to increase sales and earn more profit.

SubQuestion No : 11

Q.11 Select the most appropriate option to fill in blank number (5).

- Ans
- ☒ 1. influence
 - ☒ 2. emotion
 - ☒ 3. motive
 - ☒ 4. feeling

Question ID : **816161614**
Status : **Answered**
Chosen Option : **3**

Q.12 Identify the segment in the sentence which contains the grammatical error. If there is no error, select 'No error'

He married with a rich heiress last year.

- Ans
- ☒ 1. last year
 - ☒ 2. He married
 - ☒ 3. with a rich heiress
 - ☒ 4. No error

Question ID : **816161603**
Status : **Answered**
Chosen Option : **3**

Q.13 Select the most appropriate synonym of the given word.
Weary

- Ans
- ☒ 1. Restless
 - ☒ 2. Lively
 - ☒ 3. Touchy
 - ☒ 4. Exhausted

Question ID : **816161618**
Status : **Answered**
Chosen Option : **1**

Q.14 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

- A. While he was doing this, he missed seeing a velvet purse full of gold coins lying on the road.
- B. Ramesh always worried about how he would become sick and weak in old age.
- C. To try how he would cope with blindness, Ramesh started walking with his eyes closed.
- D. He feared that he might even lose his sight and go blind.

Ans ☒ 1. DBAC
☒ 2. BCAD
☒ 3. BDCA
☒ 4. CABD

Question ID : 816161615
Status : Answered
Chosen Option : 3

Q.15 Select the INCORRECTLY spelt word.

Ans ☒ 1. Guidance
☒ 2. Guilty
☒ 3. Guardian
☒ 4. Guarranty

Question ID : 816161626
Status : Answered
Chosen Option : 4

Q.16 Select the most appropriate meaning of the given idiom.

Keep abreast of

Ans ☒ 1. Keep up the good work
☒ 2. Keep ahead of
☒ 3. Keep oneself updated
☒ 4. Keep a watch on

Question ID : 816161622
Status : Answered
Chosen Option : 3

Q.17 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

- A. When a calf is born under water, the mother must get it to the surface before it drowns.
- B. The young ones remain with their parents for up to fifteen years or more.
- C. Often another whale assists the mother nudging the baby gently and encouraging it to swim.
- D. Whales have highly developed maternal instincts.

Ans ☒ 1. DBCA
☒ 2. CBDA
☒ 3. BCAD
☒ 4. DACB

Question ID : 816161616
Status : Answered
Chosen Option : 4

Q.18 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.

Mother was watching a movie when the lights were going off.

- Ans
- ☒ 1. have gone off
 - ☒ 2. went off
 - ☒ 3. No improvement
 - ☒ 4. going off

Question ID : 816161607
Status : Answered
Chosen Option : 2

Q.19 Select the correct indirect form of the given sentence.

The traveller said to a passerby, "Can you help me find my way, please?"

- Ans
- ☒ 1. The traveller asked the passerby that he can kindly help him find his way.
 - ☒ 2. The traveller requested to the passerby if he can help him find his way.
 - ☒ 3. The traveller asked the passerby could you kindly help me find my way?
 - ☒ 4. The traveller asked the passerby if he could kindly help him find his way.

Question ID : 816161606
Status : Answered
Chosen Option : 4

Q.20 Fill in the blank with the most appropriate word.

The minister gave an _____ that strict action would be taken against the culprits.

- Ans
- ☒ 1. insurance
 - ☒ 2. ambition
 - ☒ 3. assurance
 - ☒ 4. admission

Question ID : 816161627
Status : Answered
Chosen Option : 3

Q.21 Fill in the blank with the most appropriate word.

She was loved by her employees for her _____.

- Ans
- ☒ 1. insolence
 - ☒ 2. benevolence
 - ☒ 3. condolence
 - ☒ 4. malevolence

Question ID : 816161628
Status : Answered
Chosen Option : 2

Q.22 Identify the segment in the sentence which contains the grammatical error. If there is no error, select 'No error'

The famous author and actor are being honoured at a function today

- Ans
- ☒ 1. The famous author and actor
 - ☒ 2. are being honoured
 - ☒ 3. at a function today
 - ☒ 4. No error

Question ID : 816161604
Status : Answered
Chosen Option : 2

Q.23 Select the most appropriate ANTONYM of the given word.

Repulsive

- Ans
- ☒ 1. Revolting
 - ☒ 2. Brilliant
 - ☒ 3. Hideous
 - ☒ 4. Attractive

Question ID : 816161620
Status : Answered
Chosen Option : 4

Q.24 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.

Scarcely had the passengers boarded the plane when the captain welcomed them.

- Ans
- ☒ 1. than the captain welcomes them
 - ☒ 2. when the captain had welcomed them
 - ☒ 3. that the captain welcomed them
 - ☒ 4. No improvement

Question ID : 816161608
Status : Answered
Chosen Option : 4

Q.25 Select the option that can be used as a one word substitute for the given group of words

That which cannot be satisfied

- Ans
- ☒ 1. Insane
 - ☒ 2. Ingenuous
 - ☒ 3. Inapt
 - ☒ 4. Insatiable

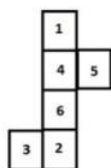
Question ID : 816161624
Status : Answered
Chosen Option : 4

Combined Graduate Level Examination-2019 (Tier-I)

Roll Number	www.exammix.com
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Venue Name	
Exam Date	07/03/2020
Exam Time	1:00 PM - 2:00 PM
Subject	CGLE Tier I

Section : General Intelligence and Reasoning

Q.1 A cube is made by folding the given sheet. In the cube so formed, which of the following pairs of numbers will be on opposite sides?



- Ans**
- ☒ 1. 1 and 5
 - ☒ 2. 1 and 2
 - ☒ 3. 2 and 4
 - ☒ 4. 3 and 6

Question ID : 816161649

Status : Answered

Chosen Option : 3

Q.2 In a certain code language, 'SOLID' is coded as '64' and 'POUR' is coded as '74'. How will 'TON' be coded as in that language?

- Ans**
- ☒ 1. 52
 - ☒ 2. 49
 - ☒ 3. 85
 - ☒ 4. 60

Question ID : 816161636

Status : Answered

Chosen Option : 1

Q.3 'Diabetes' is related to 'Blood Sugar' in the same way as 'Hypertension' is related to '_____'.





- Ans**
- ☒ 1. Body Cells
 - ☒ 2. Blood Pressure
 - ☒ 3. Heart
 - ☒ 4. Red Blood Cells

Question ID : 816161633

Status : Answered

Chosen Option : 2

Q.4 In a certain code language, 'PAINTS' is written as 'CRPKUV'. How will 'PURITY' be written as in that language?

- Ans  1. WRKTAV
 2. WRKSNU
 3. XSYSBM
 4. VSKTAZ

Question ID : **816161635**
Status : **Answered**
Chosen Option : **1**

Q.5 What day of the week was 31 January 2007?

- Ans  1. Tuesday
 2. Wednesday
 3. Monday
 4. Thursday

Question ID : **816161646**
Status : **Not Answered**
Chosen Option : **--**

Q.6 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

14	17	22
49	61	?
189	237	317

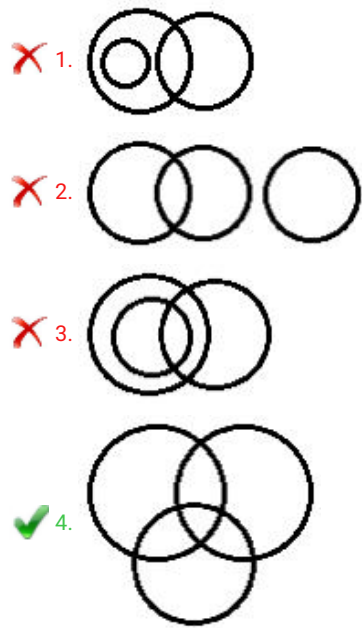
- Ans  1. 71
 2. 79
 3. 81
 4. 83

Question ID : **816161644**
Status : **Answered**
Chosen Option : **3**

Q.7 Which of the following Venn diagrams best represents the relationship between the following classes?

Accountants, Girls, Internet users

Ans



Question ID : 816161653
Status : Answered
Chosen Option : 4

Q.8 Four words have been given, out of which three are alike in some manner and one is different. Select the odd word.

Ans

1. Litre
2. Distance
3. Kilogram
4. Minute

Question ID : 816161632
Status : Answered
Chosen Option : 2

Q.9 Select the correct mirror image of the given alphanumeric-cluster when a vertical mirror is placed on the right side of the cluster.

6 5 4 H B M A

Ans

- 1.
- 2.
- 3.
- 4.

Question ID : 816161651
Status : Answered
Chosen Option : 1





Q.10 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different from the rest.

- Ans  1. 44 : 136
 2. 30 : 94
 3. 33 : 109
 4. 27 : 85

Question ID : **816161642**
Status : **Answered**
Chosen Option : **3**

Q.11 Select the letter-cluster that can replace the question mark (?) in the following series.

PERSONA, ANPERSO, ANOSPER, ?

- Ans  1. ANOSREP
 2. ANOSERP
 3. ANSORPE
 4. NOSAREP

Question ID : **816161637**
Status : **Answered**
Chosen Option : **1**

Q.12 Select the letter will replace the question mark (?) in the following series.

C, B, B, C, Z, E, W, H, S, ? , N

- Ans  1. K
 2. I
 3. L
 4. P

Question ID : **816161629**
Status : **Answered**
Chosen Option : **3**

Q.13 Select the option in which the given figure is embedded (rotation is not allowed).



Ans

☒ 1.



☒ 2.



☒ 3.



☒ 4.



Question ID : 816161650
Status : Answered
Chosen Option : 4

Q.14 Select the option in which the words share the same relationship as that shared by the given pair of words.

Office : Work

Ans

☒ 1. School : Study

☒ 2. Hospital : Director

☒ 3. House : Bricks

☒ 4. Court : Lawyer

Question ID : 816161634
Status : Answered
Chosen Option : 1

Q.15 Select the number that can replace the question mark (?) in the following series.

35, 36, 40, ?, 83, 208, 244

Ans

☒ 1. 55

☒ 2. 60

☒ 3. 67

☒ 4. 73

Question ID : 816161640
Status : Not Attempted and Marked For Review
Chosen Option : --

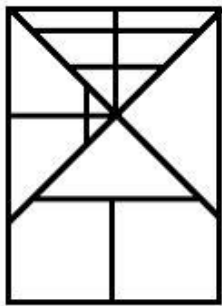
Q.16 Arrange the following words in the order in which they would appear in an English dictionary.

- 1. Temper
- 2. Temple
- 3. Tamarind
- 4. Tender
- 5. Tenacity

- Ans ☒ 1. 1, 3, 2, 5, 4
- ☒ 2. 3, 1, 2, 5, 4
- ☒ 3. 3, 1, 5, 4, 2
- ☒ 4. 3, 2, 1, 4, 5

Question ID : 816161630
Status : Answered
Chosen Option : 2

Q.17 How many triangles are there in the given figure?



- Ans ☒ 1. 20
- ☒ 2. 17
- ☒ 3. 19
- ☒ 4. 21

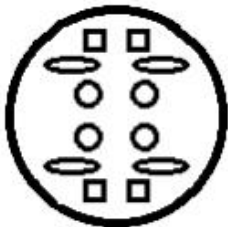
Question ID : 816161648
Status : Answered
Chosen Option : 2

Q.18 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?

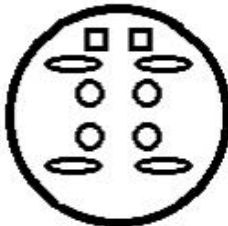


Ans

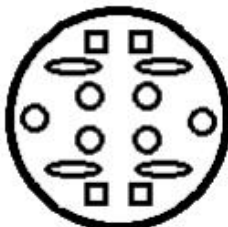
✓ 1.



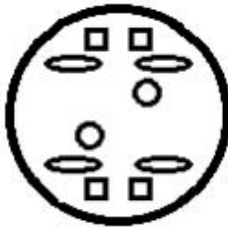
✗ 2.



✗ 3.



✗ 4.



Question ID : 816161652
Status : Answered
Chosen Option : 1

Q.19 Select the option that is related to the third number in the same way as the second number is related to the first number.

11 : 265 :: 20 : ?

Ans

✗ 1. 840

✗ 2. 838

✗ 3. 835

✓ 4. 841

Question ID : 816161641
Status : Answered
Chosen Option : 4

Q.20 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

- 1. All toys are pens.
- 2. All games are pens.

Conclusions:

- I. No toy is a game.
- II. No pen is a game.
- III. Some toys are games.

- Ans**
- ☒ 1. All conclusions I, II and III follow.
 - ☒ 2. Only conclusions II and III follow.
 - ☒ 3. Only conclusions I and II follow.
 - ☒ 4. Either conclusion I or III follows.

Question ID : 816161639
Status : Answered
Chosen Option : 4

Q.21 Select the option in which the numbers are related in the same way as are the numbers in the given set.

(45, 24, 441)

- Ans**
- ☒ 1. (41, 18, 630)
 - ☒ 2. (30, 60, 1024)
 - ☒ 3. (50, 30, 480)
 - ☒ 4. (35, 17, 324)

Question ID : 816161643
Status : Answered
Chosen Option : 4

Q.22 If 'A' stands for 'subtraction', 'B' stands for 'multiplication', 'C' stands for 'addition', and 'D' stands for 'division', then what is the value of the following expression?

27 A 8 B 5 C (11 C 3) B 5 C 36 D 6

- Ans**
- ☒ 1. 60
 - ☒ 2. 20
 - ☒ 3. 24
 - ☒ 4. 63

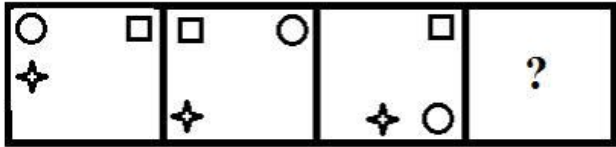
Question ID : 816161645
Status : Answered
Chosen Option : 4

Q.23 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster.

- Ans
- ☒ 1. EHKN
 - ☒ 2. TWZC
 - ☒ 3. PSVY
 - ☒ 4. NOSV

Question ID : 816161631
Status : Answered
Chosen Option : 4

Q.24 Select the figure that can replace the question mark (?) in the following series.



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 816161647
Status : Answered
Chosen Option : 4

Q.25 $A - B$ means 'A is the mother of B';

$A \times B$ means 'A is the sister of B';

$A \div B$ means 'A is the daughter of B'.

Which of the following expressions means 'U is the daughter of Q'?

Ans

☒ 1. $Q - Z \div U \times K$

☒ 2. $K - Z \div U \times Q$

☒ 3. $Q - Z \times U \div K$

☒ 4. $K - U \div Z \times Q$

Question ID : 816161638

Status : Answered

Chosen Option : 3

Section : General Awareness

Q.1 Who won the 'ICC (International Cricket Council) Spirit of Cricket, 2019' award?

Ans

☒ 1. Rohit Sharma

☒ 2. Pat Cummins

☒ 3. Virat Kohli

☒ 4. Ben Stokes

Question ID : 816161675

Status : Answered

Chosen Option : 3

Q.2 Which of the following can be diagnosed with the Widal test?

Ans

☒ 1. Cancer

☒ 2. AIDS

☒ 3. Typhoid fever

☒ 4. Tuberculosis

Question ID : 816161658

Status : Not Answered

Chosen Option : --

Q.3 Where were the Khelo India Youth Games, 2020 held?

Ans

☒ 1. Guwahati

☒ 2. New Delhi

☒ 3. Bhopal

☒ 4. Chandigarh

Question ID : 816161674

Status : Answered

Chosen Option : 1

Q.4 Who is the author of the book titled 'The Anarchy: The East India Company, Corporate Violence, and the Pillage of an Empire'?

- Ans
- ☒ 1. Pankaj Mishra
 - ☒ 2. Shashi Tharoor
 - ☒ 3. William Dalrymple
 - ☒ 4. VP Menon

Question ID : **816161671**
Status : **Answered**
Chosen Option : **2**

Q.5 A situation where the expenditure of the government exceeds its revenue is known as ____.

- Ans
- ☒ 1. Morbidity
 - ☒ 2. Devaluation
 - ☒ 3. Default
 - ☒ 4. Deficit Financing

Question ID : **816161656**
Status : **Answered**
Chosen Option : **4**

Q.6 Which of the following is caused by a virus named 'Varicella zoster'?

- Ans
- ☒ 1. Rabies
 - ☒ 2. Chickenpox
 - ☒ 3. Polio
 - ☒ 4. Cholera

Question ID : **816161659**
Status : **Not Attempted and Marked For Review**
Chosen Option : --

Q.7 Who wrote the play 'Mricchakatika' (The Little Clay Cart), a social drama with touches of grim reality?

- Ans
- ☒ 1. Sudraka
 - ☒ 2. Kalidasa
 - ☒ 3. Magh
 - ☒ 4. Raidasa

Question ID : **816161655**
Status : **Answered**
Chosen Option : **1**

Q.8 Which organisation launched the Agricultural Marketing and Farmer Friendly Reforms Index (AMFFRI) in 2016?

- Ans
- ☒ 1. Reserve Bank of India
 - ☒ 2. NITI Aayog
 - ☒ 3. National Institute of Public Finance and Policy (NIPFP)
 - ☒ 4. Indian Institute of Public Administration

Question ID : 816161657

Status : Answered

Chosen Option : 2

Q.9 Which of the following is one of the Articles of the Constitution of India that mentions the Comptroller and Auditor General of India?

- Ans
- ☒ 1. 352
 - ☒ 2. 280
 - ☒ 3. 156
 - ☒ 4. 148

Question ID : 816161672

Status : Not Answered

Chosen Option : --

Q.10 On which lake is the world's only floating post office situated?

- Ans
- ☒ 1. Chilika Lake
 - ☒ 2. Wular Lake
 - ☒ 3. Dal Lake
 - ☒ 4. Loktak Lake

Question ID : 816161665

Status : Not Answered

Chosen Option : --

Q.11 In which year did the battle of Khanua (Khanwa) take place between Babur and the Rajput forces led by Rana Sanga?

- Ans
- ☒ 1. 1527
 - ☒ 2. 1526
 - ☒ 3. 1522
 - ☒ 4. 1529

Question ID : 816161667

Status : Not Answered

Chosen Option : --

Q.12 What is Gotabaya Rajapaksa's nationality?

- Ans
- ☐ 1. Indonesian
 - ☐ 2. Burmese
 - ☐ 3. Bangladeshi
 - ☒ 4. Sri Lankan

Question ID : 816161676
Status : Answered
Chosen Option : 4

Q.13 The tidal mouth of a river where fresh and saline water get mixed is known as a/an ____.

- Ans
- ☐ 1. Archipelago
 - ☒ 2. Estuary
 - ☐ 3. Gorge
 - ☐ 4. Fold

Question ID : 816161664
Status : Answered
Chosen Option : 2

Q.14 Which of the following schedules of the Constitution of India has been INCORRECTLY matched with its content?

- Ans
- ☐ 1. First Schedule – The states and the union territories
 - ☒ 2. Second Schedule – Languages
 - ☐ 3. Fourth Schedule – Allocation of seats in the council of states
 - ☐ 4. Third Schedule – Forms of oath or affirmations

Question ID : 816161673
Status : Marked For Review
Chosen Option : 2

Q.15 Who among the following was NOT a recipient of the Arjuna Awards in 2019?

- Ans
- ☐ 1. Poonam Yadav
 - ☐ 2. Ravindra Jadeja
 - ☒ 3. Mezban Patel
 - ☐ 4. Swapana Burman

Question ID : 816161670
Status : Not Answered
Chosen Option : --

Q.16 Who among the following was NOT associated with the revolt of 1857?

- Ans
- ☒ 1. Mangal Pandey
 - ☒ 2. Kunwar Singh
 - ☒ 3. Bhagat Singh
 - ☒ 4. Begum Hazrat Mahal

Question ID : 816161666
Status : Answered
Chosen Option : 3

Q.17 What is the name of the anti-hijacking exercise conducted by the Indian Navy in collaboration with the Indian Coast Guard?

- Ans
- ☒ 1. Nagah
 - ☒ 2. Apharan
 - ☒ 3. Indra
 - ☒ 4. Ekuverin

Question ID : 816161677
Status : Not Answered
Chosen Option : --

Q.18 In which year did the Third Round Table Conference take place?

- Ans
- ☒ 1. 1928
 - ☒ 2. 1930
 - ☒ 3. 1932
 - ☒ 4. 1929

Question ID : 816161668
Status : Answered
Chosen Option : 3

Q.19 Which one of the following statements is INCORRECT?

- Ans
- ☒ 1. The measurable unit of pressure is denoted in Metre.
 - ☒ 2. Matter is made up of small particles.
 - ☒ 3. Evaporation causes cooling.
 - ☒ 4. Brass is a mixture of 30% zinc and 70% copper.

Question ID : 816161662
Status : Answered
Chosen Option : 1

Q.20 Where was the 107th edition of the Indian Science Congress held?

- Ans
- ☒ 1. Chennai
 - ☒ 2. Dehradun
 - ☒ 3. Lucknow
 - ☒ 4. Bengaluru

Question ID : 816161678
Status : Answered
Chosen Option : 4

Q.21 Which of the following is used for removing permanent hardness of water?

- Ans
- ☒ 1. Baking soda
 - ☒ 2. Lime
 - ☒ 3. Bleaching powder
 - ☒ 4. Washing soda

Question ID : 816161660
Status : Answered
Chosen Option : 2

Q.22 In which part of India are the Patkai Bum hills located?

- Ans
- ☒ 1. Northern part of India
 - ☒ 2. Western part of India
 - ☒ 3. Southern part of India
 - ☒ 4. Eastern part of India

Question ID : 816161663
Status : Not Answered
Chosen Option : --

Q.23 Which of the following martial art forms is practiced in the state of Punjab and West Bengal?

- Ans
- ☒ 1. Kalaripayattu
 - ☒ 2. Mardaani khel
 - ☒ 3. Lathi
 - ☒ 4. Thang-ta

Question ID : 816161654
Status : Answered
Chosen Option : 3

Q.24 Who among the following was known as 'Andhra Kesari'?

- Ans
- ☐ 1. Khan Abdul Ghaffar Khan
 - ☐ 2. Mahatma Gandhi
 - ☐ 3. Chittaranjan Das
 - ☒ 4. T. Prakasam

Question ID : 816161669
Status : Answered
Chosen Option : 4

Q.25 Who discovered cells in the human body?

- Ans
- ☐ 1. Charles Darwin
 - ☒ 2. Robert Hooke
 - ☐ 3. Herbert Spencer
 - ☐ 4. Albert Einstein

Question ID : 816161661
Status : Answered
Chosen Option : 2

Section : Quantitative Aptitude

Q.1 If radius of a circle is decreased by 11%, then the total decrease in the area of the circle is given as:

- Ans
- ☒ 1. 20.79%
 - ☐ 2. 19.50%
 - ☐ 3. 20.50%
 - ☐ 4. 21%

Question ID : 816161693
Status : Answered
Chosen Option : 1

Q.2 If 7 divided a positive integer n , the remainder is 2. Which of the following numbers gives a remainder of 0 when divided by 7?

- Ans
- ☐ 1. $n + 2$
 - ☒ 2. $n + 5$
 - ☐ 3. $n - 5$
 - ☐ 4. $n + 1$

Question ID : 816161679
Status : Answered
Chosen Option : 2

Q.3

Expand $\left(\frac{x}{3} + \frac{y}{5}\right)^3$.

Ans

☒ 1. $\frac{x^3}{27} + \frac{x^2y}{25} + \frac{xy^2}{25} + \frac{y^3}{125}$

☒ 2. $\frac{x^3}{27} + \frac{x^2y}{15} + \frac{xy^2}{25} + \frac{y^3}{125}$

☒ 3. $\frac{x^3}{25} + \frac{x^2y}{15} + \frac{xy^2}{25} + \frac{y^3}{125}$

☒ 4. $\frac{x^3}{27} + \frac{xy}{15} + \frac{xy^2}{25} + \frac{y^3}{125}$

Question ID : 816161690

Status : Answered

Chosen Option : 2

Q.4

A contract is to be completed in 75 days and 187 men are to work 15 hours per day. After 65 days, $\frac{3}{5}$ of the work is completed. How many additional men may be employed, so that the work may be completed in time, each man now working 17 hours per day?

Ans

☒ 1. 514

☒ 2. 532

☒ 3. 528

☒ 4. 495

Question ID : 816161687

Status : Answered

Chosen Option : 4

Q.5

If $a^2 + b^2 + c^2 = 300$ and $ab + bc + ca = 50$, then what is the value of $a + b + c$? (Given that a, b and c are all positive.)

Ans

☒ 1. 25

☒ 2. 22

☒ 3. 20

☒ 4. 15

Question ID : 816161691

Status : Answered

Chosen Option : 3

Q.6 The perimeter of an isosceles triangle is 50 cm. If the base is 18 cm, then find the length of the equal sides.

- Ans
- ☒ 1. 25 cm
 - ☒ 2. 32 cm
 - ☒ 3. 18 cm
 - ☒ 4. 16 cm

Question ID : 816161695

Status : Answered

Chosen Option : 4

Q.7 If 18 men can cut a field in 35 days, then in how many days can 21 men cut the same field?

- Ans
- ☒ 1. 32
 - ☒ 2. 30
 - ☒ 3. 27
 - ☒ 4. 28

Question ID : 816161685

Status : Answered

Chosen Option : 2

Q.8 A sum lent out at compound interest amounts to ₹1,250 in one year and to ₹1,458 in 3 years at a certain rate percentage

p.a. What is the simple interest on the same sum for $5\frac{2}{5}$ years at the same rate of interest?

- Ans
- ☒ 1. ₹520
 - ☒ 2. ₹600
 - ☒ 3. ₹500
 - ☒ 4. ₹480

Question ID : 816161683

Status : Answered

Chosen Option : 3

Q.9 The two trains leave Varanasi for Lucknow at 11:00 a.m. and at 11:30 a.m., respectively and travel at a speed of 110 km/h and 140 km/h, respectively. How many kilometers from Varanasi will both trains meet?

- Ans
- ☒ 1. $246\frac{1}{3}$ km
 - ☒ 2. $238\frac{2}{3}$ km
 - ☒ 3. $255\frac{1}{3}$ km
 - ☒ 4. $256\frac{2}{3}$ km

Question ID : 816161688

Status : Answered

Chosen Option : 4

Q.10

The value of $1\frac{1}{8} \div \left(4\frac{1}{4} \div \frac{3}{5} \text{ of } 8\frac{1}{2}\right) - \frac{2}{5} \times 1\frac{1}{3} \div \frac{4}{5} \text{ of } 1\frac{2}{3} + \frac{11}{20}$ is:

Ans

✓ 1. $1\frac{1}{2}$

✗ 2. $1\frac{1}{4}$

✗ 3. $3\frac{1}{8}$

✗ 4. $3\frac{1}{2}$

Question ID : 816161680

Status : Answered

Chosen Option : 1

Q.11 The following table shows the age-wise brand ownership of mobile phone handsets.

Brands	1 year old	1 to 2 years old	2 to 5 years old	More than 5 years old
A	15%	45%	40%	
B	5%	15%	25%	55%
C	10%	10%	10%	70%
D	25%	55%	20%	
E	15%	50%	20%	15%

If a total of 5000 'C' mobile phone sets are sold till date, then how many are more than one year old?

Ans

✗ 1. 4000

✗ 2. 4200

✓ 3. 4500

✗ 4. 4350

Question ID : 816161700

Status : Answered

Chosen Option : 3

Q.12 In quadrilateral PQRS, $RM \perp QS$, $PN \perp QS$ and $QS = 6 \text{ cm}$. If $RM = 3 \text{ cm}$ and $PN = 2 \text{ cm}$, then the area of PQRS is

Ans

✓ 1. 15 cm^2

✗ 2. 13 cm^2

✗ 3. 14 cm^2

✗ 4. 11 cm^2

Question ID : 816161689

Status : Answered

Chosen Option : 1

Q.13 The cost price of goods, for a shopkeeper, was X. He marked them at 15% above the cost price. Finally, he sold the goods at a discount of 25%. 'What is his profit/loss percentage?'

- Ans
- ☒ 1. 13.5% Profit
 - ☒ 2. 13% Loss
 - ☒ 3. 12% Profit
 - ☒ 4. 13.75% Loss

Question ID : 816161682
Status : Answered
Chosen Option : 4

Q.14 If $\frac{\sin A + \cos A}{\cos A} = \frac{17}{12}$, then the value of $\frac{1 - \cos A}{\sin A}$ is:

- Ans
- ☒ 1. $\frac{1}{5}$
 - ☒ 2. $\frac{5}{12}$
 - ☒ 3. -5
 - ☒ 4. 1

Question ID : 816161699
Status : Answered
Chosen Option : 1

Q.15 The following table shows the annual profit of a company (in ₹ lakh).

2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
625	690	725	775	815

The period which has the maximum percentage increase in profit over the previous year is:

- Ans
- ☒ 1. 2015-2016
 - ☒ 2. 2018-2019
 - ☒ 3. 2016-2017
 - ☒ 4. 2017-2018

Question ID : 816161703
Status : Answered
Chosen Option : 1

Q.16 The following table shows the number of employees working in various departments of an organisation from 2016 to 2019.

Years	Production	Marketing	Corporate	Research
2016	500	130	50	145
2017	940	146	60	140
2018	1000	160	70	146
2019	1010	150	75	150

In which year were the maximum number of employees working in the organization?

- Ans
- ☒ 1. 2016
 - ☒ 2. 2017
 - ☒ 3. 2019
 - ☒ 4. 2018

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Question ID : 816161701

Status : Answered

Chosen Option : 3

Q.17 In $\triangle ABC$, D, E and F are the midpoints of sides AB, BC and CA, respectively. If AB = 12 cm, BC = 20 cm and CA = 15 cm, then the value of $\frac{1}{2}(DE + EF + DF)$ is:

- Ans
- ☒ 1. 23.5 cm
 - ☒ 2. 11.75 cm
 - ☒ 3. 5.88 cm
 - ☒ 4. 15.67 cm

Question ID : 816161696

Status : Answered

Chosen Option : 2

Q.18 If $3 \sec^2 \theta + \tan \theta = 7$, $0^\circ < \theta < 90^\circ$, then the value of $\frac{\operatorname{cosec} 2\theta + \cos \theta}{\sin 2\theta + \cot \theta}$ is:

- Ans
- ☒ 1. $\frac{2 + \sqrt{3}}{2}$
 - ☒ 2. $\frac{2 + 3\sqrt{2}}{4}$
 - ☒ 3. $\frac{2 + \sqrt{2}}{4}$
 - ☒ 4. $\frac{3 + \sqrt{2}}{2}$

Question ID : 816161697

Status : Answered

Chosen Option : 3

Q.19 Anu spends 68% of her monthly income. If her monthly income increases by 20% and her monthly savings increase by $9\frac{3}{8}\%$, then the percentage increase in her monthly expenditure is:

- Ans
- ☒ 1. 20%
 - ☒ 2. 32%
 - ☒ 3. 25%
 - ☒ 4. 22%

Question ID : 816161681
Status : Answered
Chosen Option : 3

Q.20 If the perimeter of a certain rectangle is 50 units and its area is 150 sq. units, then how many units is the length of its shorter side?

- Ans
- ☒ 1. 15
 - ☒ 2. 12
 - ☒ 3. 10
 - ☒ 4. 9

Question ID : 816161694
Status : Answered
Chosen Option : 3

Q.21 A man buys two watches 'A' and 'B' at a total cost of ₹800. He sells both watches at the same selling price, and earns a profit of 18% on watch 'A' and incurs a loss of 22% on watch 'B'. What are the cost prices of the two watches? (two place after decimal).

- Ans
- ☒ 1. A = ₹350.32 and B = ₹450.68
 - ☒ 2. A = ₹318.37 and B = ₹481.63
 - ☒ 3. A = ₹220 and B = ₹580
 - ☒ 4. A = ₹317 and B = ₹483

Question ID : 816161684
Status : Answered
Chosen Option : 2

Q.22 The following table shows the percentage of marks obtained by seven students in six different subjects in an examination.

Student	Maths	Chemistry	Physics	Geography	History	Computer Science
	Maximum marks = 150	Maximum marks = 130	Maximum marks = 120	Maximum marks = 100	Maximum marks = 110	Maximum marks = 90
Ankit	100	80	80	40	70	70
Aman	90	50	90	60	90	80
Ayush	80	65	70	70	80	70
Rohit	90	60	80	95	60	60
Tanvi	80	65	65	80	40	60
Tarun	70	75	85	77	50	90
Muskan	65	35	50	85	80	80

What are the average marks obtained by all the seven students in Physics? (rounded off to two digits after the decimal)

- Ans**
- ☒ 1. 89.14
 - ☐ 2. 80.15
 - ☐ 3. 75.90
 - ☐ 4. 85.12

Question ID : 816161702

Status : Answered

Chosen Option : 3

Q.23 If in 13 years a fixed sum doubles at simple interest, what will be the interest rate per year? (Correct to two decimal places)

- Ans**
- ☒ 1. 7.69%
 - ☐ 2. 7.92%
 - ☐ 3. 8.69%
 - ☐ 4. 7.29%

Question ID : 816161686

Status : Answered

Chosen Option : 1

Q.24 AB is a diameter of a circle with centre O. The tangent at a point C on the circle meets AB produced at Q.

If $\angle CAB = 42^\circ$, then what is the measure of $\angle CQA$?

- Ans**
- ☐ 1. 17°
 - ☒ 2. 6°
 - ☐ 3. 5°
 - ☐ 4. 7°

Question ID : 816161698

Status : Answered

Chosen Option : 2

Q.25 If $x + y + z = 10$ and $xy + yz + zx = 15$, then find the value of $x^3 + y^3 + z^3 - 3xyz$.

- Ans
- ☒ 1. 525
 - ☒ 2. 575
 - ☒ 3. 550
 - ☒ 4. 660

Question ID : 816161692
Status : Answered
Chosen Option : 3

Section : English Comprehension

Q.1 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

- A. It hurts the heart most of all by inflating blood pressure.
- B. You can blow up and let it out or bottle it up and ignore it.
- C. The question then arises– What to do about it?
- D. Researchers have long agreed that anger hurts your health.

- Ans
- ☒ 1. BCAD
 - ☒ 2. CADB
 - ☒ 3. DACB
 - ☒ 4. DBCA

Question ID : 816161717
Status : Answered
Chosen Option : 3

Q.2 Select the most appropriate ANTONYM of the given word.

Assist

- Ans
- ☒ 1. Conceal
 - ☒ 2. Decline
 - ☒ 3. Support
 - ☒ 4. Obstruct

Question ID : 816161720
Status : Answered
Chosen Option : 4

Q.3 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

- A. I took a deep breath and inhaled the air.
- B. It was a fine spring morning.
- C. As soon as I entered the garden, lush green grass welcomed me.
- D. The freshness in the air drew my feet towards a garden.

Ans  1. ACBD
 2. CADB
 3. CDAB
 4. BADC





Question ID : 816161716

Status : Answered

Chosen Option : 4

Q.4 Select the most appropriate meaning of the given idiom.

Come to the point

Ans  1. To meet at a designated place
 2. To unravel a mystery
 3. To get reconciled to something
 4. To speak plainly about the real issue

Question ID : 816161722

Status : Answered

Chosen Option : 4

Q.5 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.

The old lady nearly dead from fright.

Ans  1. dead out of fright
 2. No improvement
 3. died of fright
 4. died with frightening





Question ID : 816161708

Status : Answered

Chosen Option : 3

Q.6 Select the correct indirect form of the given sentence.

The guard said to the visitors, "Do not take photographs inside the museum."

Ans  1. The guard forbade the visitors to take photographs inside the museum.
 2. The guard warned the visitors not to be taking photographs inside the museum.
 3. The guard told the visitors that do not take photographs inside the museum.
 4. The guard requested the visitors to not took photographs inside the museum.

Question ID : 816161707

Status : Answered

Chosen Option : 1




Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

There are certain spheres of one's life in which one should go by one's own (1)_____ rather than follow another's counsel. The choice (2)_____ one's subject of study is one such sphere. (3)_____ one is genuinely interested in a subject, one (4)_____ never opt for it. India is already full of (5)_____ pegs in round holes, who are unfit for their roles and are doing more harm than good.

SubQuestion No : 7

Q.7 Select the most appropriate option to fill in blank number (1).

- Ans  1. choice
-  2. option
-  3. possibility
-  4. alternative

Question ID : 816161711
Status : Answered
Chosen Option : 1





Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

There are certain spheres of one's life in which one should go by one's own (1)_____ rather than follow another's counsel. The choice (2)_____ one's subject of study is one such sphere. (3)_____ one is genuinely interested in a subject, one (4)_____ never opt for it. India is already full of (5)_____ pegs in round holes, who are unfit for their roles and are doing more harm than good.

SubQuestion No : 8

Q.8 Select the most appropriate option to fill in blank number (2).

- Ans  1. at
-  2. between
-  3. of
-  4. among

Question ID : 816161712
Status : Answered
Chosen Option : 3

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

There are certain spheres of one's life in which one should go by one's own (1)_____ rather than follow another's counsel. The choice (2)_____ one's subject of study is one such sphere. (3)_____ one is genuinely interested in a subject, one (4)_____ never opt for it. India is already full of (5)_____ pegs in round holes, who are unfit for their roles and are doing more harm than good.

SubQuestion No : 9

Q.9 Select the most appropriate option to fill in blank number (3).

- Ans  1. Even if
 2. Unless
 3. Although
 4. Since

Question ID : **816161713**
Status : **Answered**
Chosen Option : **2**





Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

There are certain spheres of one's life in which one should go by one's own (1)_____ rather than follow another's counsel. The choice (2)_____ one's subject of study is one such sphere. (3)_____ one is genuinely interested in a subject, one (4)_____ never opt for it. India is already full of (5)_____ pegs in round holes, who are unfit for their roles and are doing more harm than good.

SubQuestion No : 10

Q.10 Select the most appropriate option to fill in blank number (4).

- Ans  1. should
 2. could
 3. ought
 4. would

Question ID : **816161714**
Status : **Answered**
Chosen Option : **1**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

There are certain spheres of one's life in which one should go by one's own (1)_____ rather than follow another's counsel. The choice (2)_____ one's subject of study is one such sphere. (3)_____ one is genuinely interested in a subject, one (4)_____ never opt for it. India is already full of (5)_____ pegs in round holes, who are unfit for their roles and are doing more harm than good.

SubQuestion No : 11

Q.11 Select the most appropriate option to fill in blank number (5).

- Ans
- ☒ 1. large
 - ☒ 2. square
 - ☒ 3. small
 - ☒ 4. circular

Question ID : 816161715
Status : Answered
Chosen Option : 2

Q.12 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.

He was greatly disappointed to be failed again.

- Ans
- ☒ 1. on failing
 - ☒ 2. to failed
 - ☒ 3. No improvement
 - ☒ 4. by being failed

Question ID : 816161709
Status : Not Answered
Chosen Option : --

Q.13 Select the most appropriate synonym of the given word.

Accurate

- Ans
- ☒ 1. Capable
 - ☒ 2. Compact
 - ☒ 3. Precise
 - ☒ 4. Erroneous

Question ID : 816161718
Status : Answered
Chosen Option : 3

Q.14 Fill in the blank with the most appropriate word.

There is a _____ growth of flowers in tropical countries.

- Ans
- ☒ 1. powerful
 - ☒ 2. plenty
 - ☒ 3. luxuriant
 - ☒ 4. pious

Question ID : 816161729
Status : Not Answered
Chosen Option : --

Q.15 Select the most appropriate synonym of the given word.

Affluent

- Ans
- ☒ 1. Hostile
 - ☒ 2. Authentic
 - ☒ 3. Impoverished
 - ☒ 4. Prosperous

Question ID : 816161719
Status : Answered
Chosen Option : 4

Q.16 Select the correct passive form of the given sentence.

He incurred heavy losses in business.

- Ans
- ☒ 1. Heavy losses are incurred in business by him.
 - ☒ 2. Heavy losses was incurred in business by him.
 - ☒ 3. Heavy losses were incurred in business by him.
 - ☒ 4. Heavy losses are being incurred in business by him.

Question ID : 816161706
Status : Answered
Chosen Option : 3

Q.17 In the sentence identify the segment which contains the grammatical error.

He went to work but returned back immediately.

- Ans
- ☒ 1. He went
 - ☒ 2. to work
 - ☒ 3. but returned back
 - ☒ 4. immediately

Question ID : 816161705
Status : Answered
Chosen Option : 3

Q.18 Select the word which means the same as the group of words given.





A place where plants are grown for sale

- Ans  1. Nursery
-  2. Garden
-  3. Aviary
-  4. Yard

Question ID : 816161724
Status : Answered
Chosen Option : 1

Q.19 Fill in the blank with the most appropriate word.

There are _____ errors in your assignment.

- Ans  1. numerous
-  2. multifold
-  3. sufficient
-  4. abundant

Question ID : 816161728
Status : Answered
Chosen Option : 1





Q.20 Select the INCORRECTLY spelt word.

- Ans  1. Pursuit
-  2. Parallel
-  3. Actually
-  4. Opinion

Question ID : 816161726
Status : Answered
Chosen Option : 1

Q.21 Select the most appropriate ANTONYM of the given word.

Industrious

- Ans  1. Lethargic
-  2. Durable
-  3. Diligent
-  4. Cautious

Question ID : 816161721
Status : Answered
Chosen Option : 1

Q.22 Select the INCORRECTLY spelt word.

- Ans
- ☒ 1. Annihilate
 - ☒ 2. Affiliate
 - ☒ 3. Exclamation
 - ☒ 4. Aesthetic

Question ID : 816161727
Status : Answered
Chosen Option : 3

Q.23 In the sentence identify the segment which contains the grammatical error.

The present what I buy for you yesterday was very expensive.

- Ans
- ☒ 1. was very expensive
 - ☒ 2. The present
 - ☒ 3. for you yesterday
 - ☒ 4. what I buy

Question ID : 816161704
Status : Answered
Chosen Option : 4

Q.24 Select the word which means the same as the group of words given.

Putting to death painlessly to end suffering

- Ans
- ☒ 1. Euthanasia
 - ☒ 2. Genocide
 - ☒ 3. Blaspheme
 - ☒ 4. Altruism

Question ID : 816161725
Status : Answered
Chosen Option : 1

Q.25 Select the most appropriate meaning of the given idiom.

Give a piece of one's mind

- Ans
- ☒ 1. To rebuke someone strongly
 - ☒ 2. To donate something valuable
 - ☒ 3. To share one's ideas
 - ☒ 4. To advise someone

Question ID : 816161723
Status : Answered
Chosen Option : 1

Roll Number	www.exammix.com
Candidate Name	www.exammix.com
Venue Name	
Exam Date	07/03/2020
Exam Time	4:00 PM - 5:00 PM
Subject	CGLE Tier I

Q.1 Select the option in which the words share the same relationship as that shared by the given pair of words.

Ans

-  1. Elephants : Whine
-  2. Camels : Grunt
-  3. Donkeys : Chortle
-  4. Bears : Roar

Chosen Option : **2**

Three cubes are shown, each with different symbols on its faces:

- Cube 1:** Top face has $\%$, front face has $*$, right face has $\#$.
- Cube 2:** Top face has $+$, front face has $@$, right face has $=$.
- Cube 3:** Top face has $=$, front face has $\#$, right face has $+$.

Ans

- ☒ 1. =
- ☒ 2. *
- ☒ 3. @
- ☒ 4. +

Chosen Option : 4

Q.3 Select the correct mirror image of the given figure when a mirror is placed on the right of the figure.



Ans

✓ 1.



✗ 2.



✗ 3.



✗ 4.



Question ID : 816161752
Status : Answered
Chosen Option : 1

Q.4 Four words have been given, out of which three are alike in some manner and one is different. Select the odd word.

Ans

✗ 1. Radish

✓ 2. Spinach

✗ 3. Carrot

✗ 4. Potato

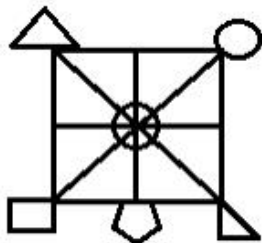
Question ID : 816161733
Status : Answered
Chosen Option : 2

Q.5 Select the option in which the given figure is NOT embedded (rotation is not allowed).

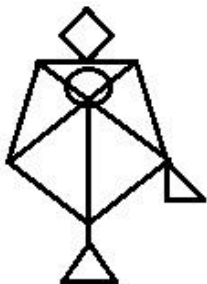


Ans

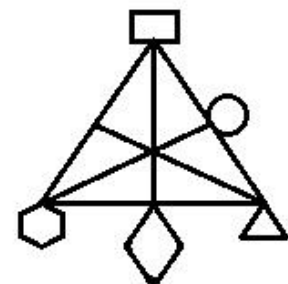
✓ 1.



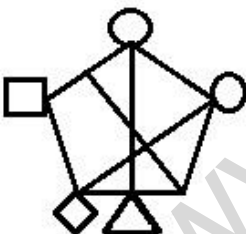
✗ 2.



✗ 3.



✗ 4.



Question ID : 816161751

Status : Answered

Chosen Option : 1

Q.6 Which two signs should be interchanged to make the given equation correct?

$$121 \div 11 + 54 - 9 \times 3 = 128$$

- Ans
- ☒ 1. \times and \div
 - ☒ 2. \div and $-$
 - ☒ 3. $+$ and \times
 - ☒ 4. $+$ and $-$

Question ID : 816161746

Status : Answered

Chosen Option : 2

Q.7 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster.

- Ans
- ☒ 1. NOQTX
 - ☒ 2. ABDGK
 - ☒ 3. BCEHL
 - ☒ 4. GHJMP

Question ID : 816161732

Status : Answered

Chosen Option : 4

Q.8 Select the letter that can replace the question mark (?) in the following series.

A, D, ?, P, Y

- Ans
- ☒ 1. J
 - ☒ 2. I
 - ☒ 3. G
 - ☒ 4. H

Question ID : 816161730

Status : Answered

Chosen Option : 2

Q.9 $A + B$ means 'B is the daughter of A';
 $A - B$ means 'B is the sister of A';
 $A \times B$ means 'B is the husband of A';
 $A \div B$ means 'A is the father of B'.
If, $P \div R \times T + Q - S \times U + Z$, then how is R related to Z?

- Ans ☒ 1. Maternal grandmother
☐ 2. Maternal grandfather
☐ 3. Paternal grandfather
☐ 4. Paternal grandmother

Question ID : 816161739
Status : Answered
Chosen Option : 1

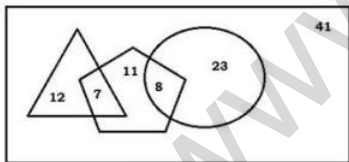
Q.10 Select the number that can replace the question mark (?) in the following series.

1, 5, 9, ?, 21

- Ans ☐ 1. 19
☐ 2. 20
☒ 3. 15
☐ 4. 11

Question ID : 816161741
Status : Answered
Chosen Option : 3

Q.11 In the given Venn diagram, the 'rectangle' represents 'ladies of a club', the 'triangle' represents 'like to dance', the 'circle' represents 'like to sing' and the 'pentagon' represents 'like to mimic'. The numbers given in the diagram represent the number of persons in that particular category.



How many ladies of the club NEITHER like to dance NOR like to mimic?

- Ans ☐ 1. 26
☐ 2. 72
☒ 3. 64
☐ 4. 23

Question ID : 816161754
Status : Answered
Chosen Option : 3

Q.12 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different from the rest.

- Ans ☒ 1. 28-164
☒ 2. 19-114
☒ 3. 17-102
☒ 4. 12-72

Question ID : 816161743
Status : Answered
Chosen Option : 1

Q.13 Select the option that is related to the third number in the same way as the second number is related to the first number.
3 : 20 :: 7 : ?

- Ans ☒ 1. 105
☒ 2. 100
☒ 3. 98
☒ 4. 96

Question ID : 816161742
Status : Not Answered
Chosen Option : --

Q.14 Arrange the following words in a logical and meaningful order.

1. Acre
2. Square Yard
3. Square Inch
4. Hectare
5. Square Feet

- Ans ☒ 1. 3-5-1-4-2
☒ 2. 3-5-2-1-4
☒ 3. 3-5-1-2-4
☒ 4. 3-5-2-4-1

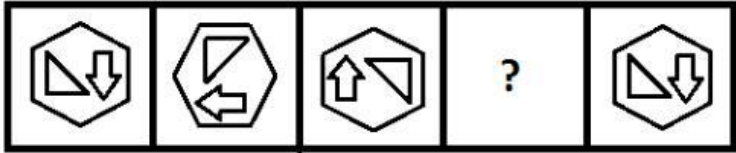
Question ID : 816161731
Status : Answered
Chosen Option : 4

Q.15 In a certain code language, 'LAMP' is coded as '2422632'. How will 'FORK' be coded as in that language?

- Ans
- ☒ 1. 12303422
 - ☒ 2. 12303622
 - ☒ 3. 12302624
 - ☒ 4. 12303424

Question ID : 816161737
Status : Answered
Chosen Option : 2

Q.16 Select the figure that can replace the question mark (?) in the following series.

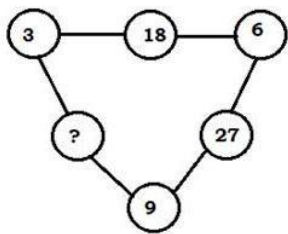


Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 816161748
Status : Answered
Chosen Option : 1

Q.17 Study the given pattern carefully and select the number that can replace the question mark (?) in it.



- Ans
- ☒ 1. 18
 - ☒ 2. 38
 - ☒ 3. 29
 - ☒ 4. 54

Question ID : 816161744
Status : Answered
Chosen Option : 4

Q.18 'Bangladesh' is related to 'Dhaka' in the same way as 'Pakistan' is related to '_____'.
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- Ans
- ☒ 1. Karachi
 - ☒ 2. Multan
 - ☒ 3. Lahore
 - ☒ 4. Islamabad

Question ID : 816161734
Status : Answered
Chosen Option : 4

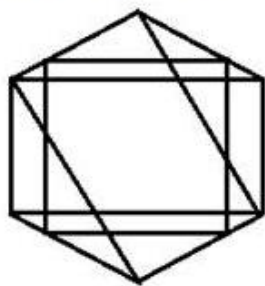
Q.19 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

7	3	11
4	9	23
11	7	?

- Ans
- ☒ 1. 71
 - ☒ 2. 59
 - ☒ 3. 63
 - ☒ 4. 77

Question ID : 816161745
Status : Not Answered
Chosen Option : --

Q.20 How many triangles are there in the given figure?



- Ans
- ☒ 1. 29
 - ☐ 2. 21
 - ☐ 3. 19
 - ☐ 4. 31

Question ID : 816161749
Status : Not Answered
Chosen Option : --

Q.21 Select the letter-cluster that can replace the question mark (?) in the following series.
ABDE, FGII, ? , PQST, UVXY

- Ans
- ☐ 1. KLNK
 - ☒ 2. KLNO
 - ☐ 3. KLMN
 - ☐ 4. KLMO

Question ID : 816161738
Status : Answered
Chosen Option : 2

Q.22 Hemant buys a dozen eggs for ₹5.50 per egg. While carrying them, two eggs get wasted when they fall down and get damaged. He sells the balance eggs at ₹7.70 per egg. Find the net profit earned by him in the overall deal.

- Ans
- ☒ 1. ₹11.00
 - ☐ 2. ₹15.40
 - ☐ 3. ₹15.00
 - ☐ 4. ₹10.70

Question ID : 816161747
Status : Answered
Chosen Option : 1

Q.23 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

- 1. All laptops are computers.
- 2. Some tablets are laptops.

Conclusions:

- I. All tablets are computers.
- II. Some tablets are computers.
- III. Some computers are laptops.

- Ans**
- ☒ 1. Only conclusion III follows.
 - ☒ 2. All conclusions I, II and III follow.
 - ☒ 3. Only conclusions II and III follow.
 - ☒ 4. Only conclusion II follows.

Question ID : **816161740**
Status : **Answered**
Chosen Option : **3**

Q.24 In a certain code language, 'FIGURE' is written as 'DJEVPE'. How will 'DECODE' be written as in that language?

- Ans**
- ☒ 1. BDANBD
 - ☒ 2. BFAPBF
 - ☒ 3. BDDNBD
 - ☒ 4. BFDNBF

Question ID : **816161736**
Status : **Marked For Review**
Chosen Option : **2**

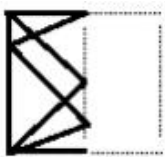
Q.25 Select the option that depicts how the given transparent sheet of paper would appear if it is folded at the dotted line.



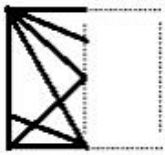
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Ans

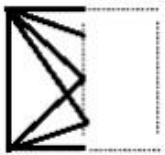
☒ 1.



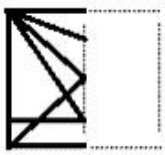
☒ 2.



☒ 3.



☒ 4.



Question ID : 816161753
Status : Answered
Chosen Option : 3

Section : General Awareness

Q.1 Who among the following scholars is associated with the Tibet-home theory of the Aryans?

Ans ☒ 1. Dayanand Saraswati

☒ 2. Max Muller

☒ 3. Bal Gangadhar Tilak

☒ 4. MacDonell

Question ID : 816161768
Status : Marked For Review
Chosen Option : 2

Q.2 As of January 2020, who among the following is the Lt. Governor of Jammu and Kashmir?

Ans ☒ 1. Jagdish Mukhi

☒ 2. Satyapal Malik

☒ 3. Girish Chandra Murmu

☒ 4. Lalji Tandon

Question ID : 816161773
Status : Answered
Chosen Option : 3

Q.3 In the context of UN Sustainable Development Goals, which of the following pairs is INCORRECT?

- Ans ☒ 1. Quality Education – SDG 3
☐ 2. Zero Hunger – SDG 2
☐ 3. No Poverty – SDG 1
☐ 4. Decent Work and Economic Growth – SDG 8

Question ID : 816161758

Status : Not Answered

Chosen Option : --

Q.4 In which state The Jaugada Rock Edict of Asoka is located?

- Ans ☒ 1. Odisha
☐ 2. Uttarakhand
☐ 3. Andhra Pradesh
☐ 4. Gujarat

Question ID : 816161767

Status : Not Answered

Chosen Option : --

Q.5 According to the Jain Philosophy, the term 'Jina' means _____.

- Ans ☐ 1. lord
☒ 2. the conqueror
☐ 3. worthy
☐ 4. free from fetters

Question ID : 816161769

Status : Not Answered

Chosen Option : --

Q.6 Who appoints the Advocate General of states?

- Ans ☐ 1. President of India
☐ 2. Chief Justice of the high court
☒ 3. Governor of the state
☐ 4. Chief Minister of the state

Question ID : 816161774

Status : Answered

Chosen Option : 3

Q.7 Name the densest stable element known on earth.

- Ans
- ☒ 1. Rhodium
 - ☒ 2. Osmium
 - ☒ 3. Aluminium
 - ☒ 4. Tungsten

Question ID : **816161763**
Status : **Marked For Review**
Chosen Option : **2**

Q.8 The Swaraj Party was founded by:

- Ans
- ☒ 1. Aruna Asaf Ali and Subhash Chandra Bose
 - ☒ 2. Motilal Nehru and Chittaranjan Das
 - ☒ 3. Sukhdev and Rajguru
 - ☒ 4. Bhimrao Ambedkar and Sardar Vallabhbhai Patel

Question ID : **816161770**
Status : **Answered**
Chosen Option : **3**

Q.9 Which of the following states does NOT share its boundary with Madhya Pradesh?

- Ans
- ☒ 1. Odisha
 - ☒ 2. Gujarat
 - ☒ 3. Rajasthan
 - ☒ 4. Uttar Pradesh

Question ID : **816161764**
Status : **Answered**
Chosen Option : **1**

Q.10 What is the velocity of sound in air?

- Ans
- ☒ 1. 220 m/sec
 - ☒ 2. 343 m/sec
 - ☒ 3. 232 m/sec
 - ☒ 4. 110 m/sec

Question ID : **816161760**
Status : **Answered**
Chosen Option : **2**

Q.11 Which team won the Federation Cup Football Tournament for the most number of times?

- Ans ☒ 1. East Bengal FC
☒ 2. Mohun Bagan AC
☒ 3. Salgaocar SC
☒ 4. Bengaluru FC

Question ID : 816161776
Status : Marked For Review
Chosen Option : 2

Q.12 The Mission of the Ramsar Convention is to conserve _____.

- Ans ☒ 1. deserts
☒ 2. wetlands
☒ 3. rivers
☒ 4. oceans

Question ID : 816161766
Status : Not Answered
Chosen Option : --

Q.13 Which of the following is the outermost solid part of the Earth?

- Ans ☒ 1. Mantle
☒ 2. Crust
☒ 3. Caldera
☒ 4. Core

Question ID : 816161765
Status : Answered
Chosen Option : 2

Q.14 How many carbon and hydrogen atoms are there in Propane, respectively?

- Ans ☒ 1. 2, 6
☒ 2. 2, 4
☒ 3. 4, 7
☒ 4. 3, 8

Question ID : 816161762
Status : Answered
Chosen Option : 4

Q.15 Which of the following animals does NOT find a place in the National Emblem of India?

- Ans
- ☒ 1. Bull
 - ☒ 2. Camel
 - ☒ 3. Horse
 - ☒ 4. Lion

Question ID : 816161755

Status : Not Answered

Chosen Option : --

Q.16 What is the bond angle (in degrees) in the structure of a benzene molecule?

- Ans
- ☒ 1. 120
 - ☒ 2. 90
 - ☒ 3. 150
 - ☒ 4. 60

Question ID : 816161761

Status : Answered

Chosen Option : 1

Q.17 What does 'A' stand for in 'UDAN', the initiative of the Civil Aviation Ministry?

- Ans
- ☒ 1. Aastha
 - ☒ 2. Aam
 - ☒ 3. Air
 - ☒ 4. Aviation

Question ID : 816161777

Status : Answered

Chosen Option : 2

Q.18 Which company recently became the 1st Indian company to hit the ₹10 Lakh Crore market valuations?

- Ans
- ☒ 1. Jio
 - ☒ 2. BSNL
 - ☒ 3. Airtel
 - ☒ 4. Reliance

Question ID : 816161778

Status : Answered

Chosen Option : 4

Q.19 In 2018, who among the following came to the limelight by building a people's road through crowd funding that helped in connecting remote villages of Manipur?

- Ans
- ☒ 1. Irom Sharmila
 - ☒ 2. Mary Kom
 - ☒ 3. Dingo Singh
 - ☒ 4. Armstrong Pame

Question ID : 816161772

Status : Not Answered

Chosen Option : --

Q.20 As of January 2020, the Make in India program was implemented by the _____.

- Ans
- ☒ 1. Ministry of Commerce and Industry
 - ☒ 2. Ministry of Science and Technology
 - ☒ 3. Ministry of Shipping
 - ☒ 4. Ministry of Heavy Industries and Public Enterprises

Question ID : 816161757

Status : Answered

Chosen Option : 4

Q.21 'Torr' is a unit of _____.

- Ans
- ☒ 1. pressure
 - ☒ 2. force
 - ☒ 3. power
 - ☒ 4. energy

Question ID : 816161759

Status : Answered

Chosen Option : 1

Q.22 With reference to dances and their native states, which of the following pairs is correct?

- Ans
- ☒ 1. Gomira – Uttar Pradesh
 - ☒ 2. Sattariya – Manipur
 - ☒ 3. Yakshagana – Karnataka
 - ☒ 4. Kalaripayattu – Karnataka

Question ID : 816161756

Status : Not Answered

Chosen Option : --

Q.23 Which among the following heritage buildings does NOT figure among those which were dedicated to the nation by the PM Narendra Modi in during his two-day visit to West Bengal in January 2020?

- Ans
- ☒ 1. Metcalfe House
 - ☒ 2. Victoria Memorial Hall
 - ☒ 3. Belur Math Temple
 - ☒ 4. Old Currency Building

Question ID : 816161779
Status : Not Answered
Chosen Option : --

Q.24 On which date is National Sports Day observed in India?

- Ans
- ☒ 1. 29th August
 - ☒ 2. 4th May
 - ☒ 3. 17th September
 - ☒ 4. 5th July

Question ID : 816161775
Status : Answered
Chosen Option : 1

Q.25 The 'Great Indian Novel' is authored by:

- Ans
- ☒ 1. Chitra Banerjee
 - ☒ 2. Arvind Adiga
 - ☒ 3. Shashi Tharoor
 - ☒ 4. Vikram Seth

Question ID : 816161771
Status : Marked For Review
Chosen Option : 3

Section : Quantitative Aptitude

Q.1 The following table shows the percentage distribution of the population of five states, A, B, C, D and E on the basis of the poverty line and also on the basis of sex.

State	Percentage of population below the poverty line	Proportion of Males and Females	
		Below poverty line	Above poverty line
		Males: Females	Males: Females
A	15	5:3	4:3
B	25	1:2	2:3
C	19	3:2	4:5
D	35	1:2	2:3
E	24	3:5	6:7

If the male population above the poverty line for State B is 2.5 million, then what is the total population of State B?

Ans

- ✗

1.

$8\frac{2}{3}$ millon
- ✓

2.

$8\frac{1}{2}$ millon
- ✗

3.

$7\frac{2}{3}$ millon
- ✗

4.

$10\frac{5}{3}$ millon

Question ID : 816161803
Status : Not Answered
Chosen Option : --

Q.2 A can do a piece of work in 6days. B can do it in 9 days. With the assistance of C they completed the work in 3 days. In how many days can C alone do the work?

Ans

- ✓

1.

18
- ✗

2.

16
- ✗

3.

12
- ✗

4.

8

Question ID : 816161788
Status : Answered
Chosen Option : 1

Q.3 The following table shows the items of expenditure of a company (in ₹ lakh per annum), from 2015 to 2019.

Year	Salary	Fuel and transport	Bonus	Interest on loans	taxes
2019	250	90	5	23.5	80
2018	350	110	2.5	30	110
2017	325	100	3.5	40	70
2016	300	125	4	35	90
2015	400	140	3	45	100

What is the average amount of interest per year which the company had to pay during this period?

- Ans
- ☒ 1. ₹ 35 lakh
 - ☒ 2. ₹ 30.7 lakh
 - ☒ 3. ₹ 34.7 lakh
 - ☒ 4. ₹ 25 lakh

Question ID : 816161801
Status : Not Answered
Chosen Option : --

Q.4 The total number of students in a class is 65. If the total number of girls in the class is 35, then the ratio of the total number of boys to the total number of girls is:

- Ans
- ☒ 1. 7 : 6
 - ☒ 2. 6 : 7
 - ☒ 3. 13 : 7
 - ☒ 4. 7 : 13

Question ID : 816161786
Status : Answered
Chosen Option : 2

Q.5 By what number must the given number be multiplied to increase the number by 25%.

- Ans
- ☒ 1. $\frac{3}{4}$
 - ☒ 2. $\frac{5}{4}$
 - ☒ 3. 3
 - ☒ 4. $\frac{2}{5}$

Question ID : 816161784
Status : Answered
Chosen Option : 2

Q.6 If $\cot\theta + \tan\theta = 2\sec\theta$, $0^\circ < \theta < 90^\circ$, then the value of $\frac{\tan 2\theta - \sec\theta}{\cot 2\theta + \operatorname{cosec}\theta}$ is:

- Ans
- ☒ 1. $\frac{3-\sqrt{2}}{11}$
- ☒ 2. $\frac{2\sqrt{3}-1}{5}$
- ☒ 3. $\frac{2\sqrt{3}-1}{11}$
- ☒ 4. $\frac{3-\sqrt{2}}{5}$

Question ID : 816161798

Status : Answered

Chosen Option : 3

Q.7 In a stream running at 3 km/h, a motorboat goes 12 km upstream and back to the starting point in 60 min. Find the speed of the motorboat in still water. (in km/h)

- Ans
- ☒ 1. $2(2 + \sqrt{17})$
- ☒ 2. $2(4 + \sqrt{15})$
- ☒ 3. $3(4 + \sqrt{17})$
- ☒ 4. $3(2 + \sqrt{17})$

Question ID : 816161789

Status : Answered

Chosen Option : 3

Q.8 The following table showing the percentage of the total population of a state in different age groups.

Age group (in years)	Population (in percentage)
0-15	31
15-25	5.25
25-35	14.25
35-45	14.50
45-55	17.25
55 & above	17.75
Total	100

Out of every 50,000 people, find the approximate number of persons below the age of 35.

- Ans
- ☒ 1. 26,260
- ☒ 2. 26,250
- ☒ 3. 25,230
- ☒ 4. 25,250

Question ID : 816161802

Status : Answered

Chosen Option : 4

Q.9 In ΔABC , D is a point on BC such that AD is the bisector of $\angle A$, $AB = 11.7$ cm, $AC = 7.8$ cm and $BC = 13$ cm. What is the length (in cm) of DC?

- Ans**
- ☒ 1. 5.6
 - ☒ 2. 7.8
 - ☒ 3. 5.2
 - ☒ 4. 6.5

Question ID : **816161797**
Status : **Answered**
Chosen Option : **3**

Q.10 The average score in Mathematics of 90 students of sections A and B together is 49. The number of students in A was 25% more than that of B, and the average score of the students in B was 20% higher than that of the students in A. What is the average score of the students in A?

- Ans**
- ☒ 1. 45
 - ☒ 2. 45.5
 - ☒ 3. 44
 - ☒ 4. 44.5

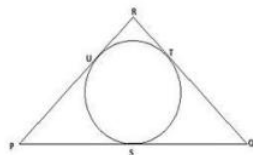
Question ID : **816161782**
Status : **Answered**
Chosen Option : **1**

Q.11 A man sold two gifts at ₹30 each. On one gift he gained 18%, and on the other gift he lost 18%. What is his overall gain/loss (in ₹)?

- Ans**
- ☒ 1. Loss of ₹2.00
 - ☒ 2. Gain of ₹2.00
 - ☒ 3. Loss of ₹2.50
 - ☒ 4. Gain of ₹1.75

Question ID : **816161785**
Status : **Not Answered**
Chosen Option : **--**

Q.12 In the given figure, a circle inscribed in ΔPQR touches its sides PQ, QR and RP at points S, T and U, respectively. If PQ = 15 cm, QR = 10 cm, and RP = 12 cm, then find the lengths of PS, QT and RU?



- Ans
- ☒ 1. PS = 3.5 cm, QT = 6.5 cm and RU = 8.5 cm
 - ☒ 2. PS = 6.5 cm, QT = 8.5 cm and RU = 3.5 cm
 - ☒ 3. PS = 8.5 cm, QT = 3.5 cm and RU = 6.5 cm
 - ☒ 4. PS = 8.5 cm, QT = 6.5 cm and RU = 3.5 cm

Question ID : 816161795
Status : Answered
Chosen Option : 4

Q.13 What is the area of a triangle whose sides are 3 cm, 5 cm and 4 cm?

- Ans
- ☒ 1. 6 cm^2
 - ☒ 2. $2\sqrt{3} \text{ cm}^2$
 - ☒ 3. 3 cm^2
 - ☒ 4. $2\sqrt{6} \text{ cm}^2$

Question ID : 816161790
Status : Answered
Chosen Option : 1

Q.14 Solve the following.

$$\left(\frac{\sin 27^\circ}{\cos 63^\circ}\right) - \left(\frac{\cos 27^\circ}{\sin 63^\circ}\right)^2$$

- Ans
- ☒ 1. 1
 - ☒ 2. 0
 - ☒ 3. -1
 - ☒ 4. 2

Question ID : 816161799
Status : Answered
Chosen Option : 2

Q.15 If $5 \cos^2 \theta + 1 = 3 \sin^2 \theta$, $0^\circ < \theta < 90^\circ$, then what is the value of $\frac{\tan \theta + \sec \theta}{\cot \theta + \operatorname{cosec} \theta}$?

- Ans
- ☒ 1. $\frac{2+3\sqrt{3}}{3}$
 - ☒ 2. $\frac{2+3\sqrt{3}}{2}$
 - ☒ 3. $\frac{3+2\sqrt{3}}{3}$
 - ☒ 4. $\frac{3+2\sqrt{3}}{2}$

Question ID : 816161800

Status : Answered

Chosen Option : 3

Q.16 What is the remainder when we divide $5^{70} + 7^{70}$ by 74?

- Ans
- ☒ 1. 5
 - ☒ 2. 0
 - ☒ 3. 7
 - ☒ 4. 1

Question ID : 816161780

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.17 $25a^2 - 9$ is factored as:

- Ans
- ☒ 1. $(5a + 3)(5a - 3)$
 - ☒ 2. $(5a - 3)^2$
 - ☒ 3. $(25a + 1)(a - 9)$
 - ☒ 4. $(5a + 1)(5a - 9)$

Question ID : 816161791

Status : Answered

Chosen Option : 1

Q.18 Find the product of $(a + b + 2c)(a^2 + b^2 + 4c^2 - ab - 2bc - 2ca)$.

- Ans
- ☒ 1. $a^3 + b^3 + 8c^3 - abc$
 - ☒ 2. $a^3 + b^3 + 8c^3 - 6abc$
 - ☒ 3. $a^3 + b^3 + 8c^3 - 2abc$
 - ☒ 4. $a^3 + b^3 + 6c^3 - 6abc$

Question ID : 816161792

Status : Answered

Chosen Option : 2

Q.19 The length of each equal side of an isosceles triangle is 15 cm and the included angle between those two sides is 90° .
Find the area of the triangle.

Ans

✓ 1. $\frac{225}{2} \text{ cm}^2$

✗ 2. 225 cm^2

✗ 3. $\frac{255}{2} \text{ cm}^2$

✗ 4. $\frac{125}{2} \text{ cm}^2$

Question ID : 816161796

Status : Answered

Chosen Option : 1

Q.20 If $a^4 + \frac{1}{a^4} = 50$, $a > 0$, then find the value of $a^3 + \frac{1}{a^3}$.

Ans

✗ 1. $\sqrt{2(1 + \sqrt{13})}(-1 - 2\sqrt{13})$

✗ 2. $\sqrt{2(1 - \sqrt{13})}(-1 + 2\sqrt{13})$

✗ 3. $\sqrt{2(1 + \sqrt{13})} + (-1 + 2\sqrt{13})$

✓ 4. $\sqrt{2(1 + \sqrt{13})}(-1 + 2\sqrt{13})$

Question ID : 816161793

Status : Not Answered

Chosen Option : --

Q.21 When two equal amounts are deposited for 5 years and 3 years at the rate of 7% and 9% per annum respectively, and the difference of their simple interest is ₹475. Then find the deposited amount.

Ans

✓ 1. ₹5,937.5

✗ 2. ₹5,837.5

✗ 3. ₹6,037.5

✗ 4. ₹5,992.5

Question ID : 816161787

Status : Answered

Chosen Option : 1

Q.22 Find the area and circumference of a circle if the radius is 14 cm. (Take $\pi = \frac{22}{7}$)

- Ans
- ☒ 1. Area = 44 cm² ; Circumference = 308 cm
 - ☒ 2. Area = 308 cm² ; Circumference = 44 cm
 - ☒ 3. Area = 88 cm² ; Circumference = 616 cm
 - ☒ 4. Area = 616 cm² ; Circumference = 88 cm

Question ID : 816161794

Status : Answered

Chosen Option : 4

Q.23 The following table shows the percentage distribution of the population of five states, A, B, C, D and E on the basis of the poverty line and also on the basis of sex.

State	Percentage of population below the poverty line	Proportion of Males and Females	
		Below poverty line	Above poverty line
		Males: Females	Males: Females
A	15	5:3	4:3
B	25	1:2	2:3
C	19	3:2	4:5
D	35	1:2	2:3
E	24	3:5	6:7

If the population of males below the poverty line for State C is 3 million, then what is the total population of State C?

- Ans
- ☒ 1. 23.361 million
 - ☒ 2. 24.486 million
 - ☒ 3. 26.316 million
 - ☒ 4. 25.617 million

Question ID : 816161804

Status : Answered

Chosen Option : 3

Q.24 Solve the following expression.

$$5.6 - \{2 + 0.6 \text{ of } (2.1 - 2.6 \times 1.12)\}$$

- Ans
- ☒ 1. 4.0871
 - ☒ 2. 4.0872
 - ☒ 3. 7.7113
 - ☒ 4. 7.7112

Question ID : 816161781

Status : Answered

Chosen Option : 2

Q.25 A trader marks his goods at 60% above the cost price and allows a discount of 25%. What is his gain percent?

- Ans
- ☒ 1. 30%
 - ☒ 2. 25%
 - ☒ 3. 20%
 - ☒ 4. 40%

Question ID : 816161783
Status : Answered
Chosen Option : 3

Section : English Comprehension

Q.1 Select the most appropriate meaning of the given idiom.

Cut and dried

- Ans
- ☒ 1. Very old
 - ☒ 2. Already decided
 - ☒ 3. Badly hurt
 - ☒ 4. Dead and gone

Question ID : 816161824
Status : Answered
Chosen Option : 2

Q.2 Select the correct passive form of the given sentence.

She is teaching French to children.

- Ans
- ☒ 1. Children are being taught French by her.
 - ☒ 2. Children were taught French by her.
 - ☒ 3. Children are taught French by her.
 - ☒ 4. Children have been taught French by her.

Question ID : 816161807
Status : Answered
Chosen Option : 1

Q.3 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.

I do not see some reasons why my application should be rejected.

- Ans
- ☒ 1. No improvement
 - ☒ 2. any reason why
 - ☒ 3. some reason for
 - ☒ 4. many reasons so

Question ID : 816161809
Status : Answered
Chosen Option : 2

Q.4 Select the most appropriate ANTONYM of the given word.

Foul

- Ans
- ☒ 1. Vile
 - ☐ 2. Fair
 - ☒ 3. Nasty
 - ☒ 4. Proud

Question ID : 816161821
Status : Answered
Chosen Option : 2

Q.5 Select the most appropriate ANTONYM of the given word.

Malice

- Ans
- ☒ 1. Hypocrisy
 - ☐ 2. Goodwill
 - ☒ 3. Truth
 - ☒ 4. Humility

Question ID : 816161822
Status : Answered
Chosen Option : 2

Q.6 Select the INCORRECTLY spelt word.

- Ans
- ☒ 1. Fourty
 - ☒ 2. Fifty
 - ☒ 3. Eighty
 - ☒ 4. Ninety

Question ID : 816161827
Status : Answered
Chosen Option : 1





Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

The Matryoshka doll is also called the Russian nesting doll. It is a set (1)_____ wooden dolls decreasing in size and (2)_____ inside one another. The first such set (3)_____ in 1890. The figures inside may be of (4)_____ gender. The smallest doll is the baby, made from (5)_____ single piece of wood.

SubQuestion No : 7

Q.7 Select the most appropriate option to fill in blank number (1).

- Ans  1. by
 2. of
 3. for
 4. in

Question ID : **816161812**
Status : **Answered**
Chosen Option : **2**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

The Matryoshka doll is also called the Russian nesting doll. It is a set (1)_____ wooden dolls decreasing in size and (2)_____ inside one another. The first such set (3)_____ in 1890. The figures inside may be of (4)_____ gender. The smallest doll is the baby, made from (5)_____ single piece of wood.

SubQuestion No : 8

Q.8 Select the most appropriate option to fill in blank number (2).

- Ans  1. situated
 2. occupied
 3. located
 4. placed

Question ID : **816161813**
Status : **Answered**
Chosen Option : **4**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

The Matryoshka doll is also called the Russian nesting doll. It is a set (1)_____ wooden dolls decreasing in size and (2)_____ inside one another. The first such set (3)_____ in 1890. The figures inside may be of (4)_____ gender. The smallest doll is the baby, made from (5)_____ single piece of wood.

SubQuestion No : 9

Q.9 Select the most appropriate option to fill in blank number (3).

- Ans
- ☒ 1. made
 - ☒ 2. is made
 - ☒ 3. was made
 - ☒ 4. has been made

Question ID : **816161814**
Status : **Answered**
Chosen Option : **3**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

The Matryoshka doll is also called the Russian nesting doll. It is a set (1)_____ wooden dolls decreasing in size and (2)_____ inside one another. The first such set (3)_____ in 1890. The figures inside may be of (4)_____ gender. The smallest doll is the baby, made from (5)_____ single piece of wood.

SubQuestion No : 10

Q.10 Select the most appropriate option to fill in blank number (4).

- Ans
- ☒ 1. some
 - ☒ 2. every
 - ☒ 3. either
 - ☒ 4. neither

Question ID : **816161815**
Status : **Answered**
Chosen Option : **3**


Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

The Matryoshka doll is also called the Russian nesting doll. It is a set (1)_____ wooden dolls decreasing in size and (2)_____ inside one another. The first such set (3)_____ in 1890. The figures inside may be of (4)_____ gender. The smallest doll is the baby, made from (5)_____ single piece of wood.

SubQuestion No : 11

Q.11 Select the most appropriate option to fill in blank number (5).

- Ans  1. each
 2. a
 3. an
 4. the

Question ID : 816161816
Status : Answered
Chosen Option : 2

Q.12 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.

Having being warn before, he did not repeat the mistake.

- Ans  1. been warned before
 2. No improvement
 3. be warned before
 4. being warned before

Question ID : 816161810
Status : Answered
Chosen Option : 1

Q.13 Select the most appropriate synonym of the given word.

Thrive

- Ans  1. Crave
 2. Languish
 3. Shrink
 4. Flourish

Question ID : 816161820
Status : Answered
Chosen Option : 4

Q.14 Select the most appropriate synonym of the given word.

Assault

- Ans
- ☒ 1. Anxiety
 - ☒ 2. Attack
 - ☒ 3. Alibi
 - ☒ 4. Anger

Question ID : 816161819

Status : Answered

Chosen Option : 2

Q.15 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

- A. I found he was an old sailor and knew all the seafaring men in Bristol.
B. So, I engaged him on the spot to be the ship's cook but he proved to be much more.
C. He had lost his health ashore and wanted a berth as cook to get to the sea again.
D. I was standing on the dock when by accident I fell in talk with a stranger.

- Ans
- ☒ 1. DACB
 - ☒ 2. DBAC
 - ☒ 3. CBAD
 - ☒ 4. BACD

Question ID : 816161818

Status : Answered

Chosen Option : 1

Q.16 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

- A. While the long thin ones are most common, there are many other varieties.
B. Noodles are the staple food in many cultures across the world.
C. They are then served with a sauce or in soup.
D. However, all varieties are usually cooked in boiling water.

- Ans
- ☒ 1. BCDA
 - ☒ 2. BADC
 - ☒ 3. BCAD
 - ☒ 4. BDAC

Question ID : 816161817

Status : Answered

Chosen Option : 2

Q.17 Select the INCORRECTLY spelt word.

- Ans
- ☒ 1. Colleague
 - ☒ 2. Committee
 - ☒ 3. Corresspond
 - ☒ 4. Commission

Question ID : 816161828

Status : Answered

Chosen Option : 3

Q.18 Fill in the blank with the most appropriate word.

The speaker _____ the audience with his fine speech.

- Ans
- ☒ 1. depressed
 - ☒ 2. impressed
 - ☒ 3. suppressed
 - ☒ 4. expressed

Question ID : 816161829
Status : Answered
Chosen Option : 2

Q.19 Fill in the blank with the most appropriate word.

Beautiful red roses _____ the bride's hair.

- Ans
- ☒ 1. adjourned
 - ☒ 2. adorned
 - ☒ 3. allured
 - ☒ 4. attracted

Question ID : 816161830
Status : Answered
Chosen Option : 2

Q.20 Identify the segment in the sentence which contains the grammatical error. If there is no error, select 'No error'

As a little child she was afraid from darkness.

- Ans
- ☒ 1. from darkness
 - ☒ 2. No error
 - ☒ 3. she was afraid
 - ☒ 4. As a little child

Question ID : 816161805
Status : Answered
Chosen Option : 1

Q.21 Identify the segment in the sentence which contains the grammatical error. If there is no error, select 'No error'

Plenty of information were given to me at the tourist office.

- Ans
- ☒ 1. were given to me
 - ☒ 2. Plenty of information
 - ☒ 3. No error
 - ☒ 4. at the tourist office

Question ID : 816161806
Status : Answered
Chosen Option : 1

Q.22 Select the correct indirect form of the given sentence.

The Principal has said, "Mr. Surinder will coach the football team."

- Ans
- ☒ 1. The Principal has said that Mr. Surinder would coach the football team.
 - ☒ 2. The Principal has asked that will Mr. Surinder coach the football team.
 - ☒ 3. The Principal said that Mr. Surinder would coach the football team.
 - ☒ 4. The Principal has said that Mr. Surinder will coach the football team.

Question ID : 816161808
Status : Answered
Chosen Option : 4

Q.23 Select the word which means the same as the group of words given.

To brighten up with lights

- Ans
- ☒ 1. Infuriate
 - ☒ 2. Illustrate
 - ☒ 3. Elucidate
 - ☒ 4. Illuminate

Question ID : 816161826
Status : Answered
Chosen Option : 4

Q.24 Select the word which means the same as the group of words given.

To rise in value

- Ans
- ☒ 1. Depreciate
 - ☒ 2. Enlarge
 - ☒ 3. Appreciate
 - ☒ 4. Extend

Question ID : 816161825
Status : Answered
Chosen Option : 3

Q.25 Select the most appropriate meaning of the underlined idiom in the given sentence.

The people were scared because the burglar was at large.

- Ans
- ☒ 1. very dangerous
 - ☒ 2. behind bars
 - ☒ 3. very famous
 - ☒ 4. not caught

Question ID : 816161823
Status : Answered
Chosen Option : 4