

Combined Graduate Level Examination-2019 (Tier-I)

Roll Number	
Candidate Name	
Venue Name	ION Digital Zone iDZ Kovilambakkam
Exam Date	09/03/2020
Exam Time	1:00 PM - 2:00 PM
Subject	CGLE Tier I

Section : General Intelligence and Reasoning

Q.1 Which two signs should be interchanged to make the given equation correct?

$$14 \times 3 \div 27 + 54 - 9 = 21$$

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

Question ID : 816161948

Status : Answered

Chosen Option : 1

Q.2 Select the option in which the given figure X is embedded (rotation is not allowed).

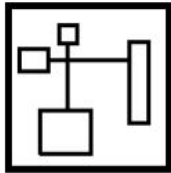
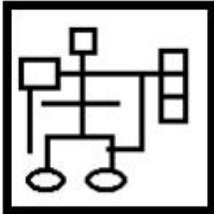


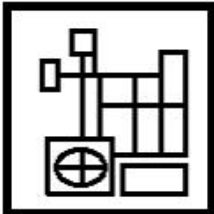
Figure X

Ans

✗ 1.



✗ 2.



✗ 3.



✓ 4.

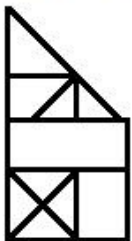


Question ID : 816161953

Status : Answered

Chosen Option : 4

Q.3 How many triangles are there in the given figure?



Ans

✗ 1. 14

✓ 2. 13

✗ 3. 15

✗ 4. 12

Question ID : 816161951

Status : Marked For Review

- Q.4 $A - B$ means 'A is the sister of B';
 $A \times B$ means 'A is the husband of B';
 $A \div B$ means 'A is the son of B'.
 If, $Y \times M - T - Z \div L \times U$, then how is U related to Y?

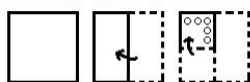
- Ans ☒ 1. Mother-in-law
☒ 2. Mother
☒ 3. Father-in-law
☒ 4. Father

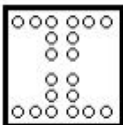
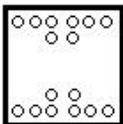
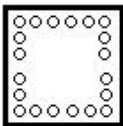
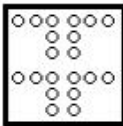
Question ID : 816161941

Status : Not Attempted and
Marked For Review

Chosen Option : --

- Q.5 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 : 816161955

Status : Answered

Chosen Option : 1

- Q.6 Select the correct mirror image of the given letter-cluster when a vertical mirror is placed on the right side of the cluster.

E W G Z M P K

- Ans ☒ 1. 
☒ 2. 
☒ 3. 
☒ 4. 

Question ID : 816161954

Status : Answered

Chosen Option : 1

Q.7 In a certain code language, 'FIXATION' is written as 'AXIFNOIT'. How will 'GLYCERIN' be written as in that language?

- Ans**
- ☒ 1. LGZDGINR
 - ☒ 2. CYLGNIRE
 - ☒ 3. NIRECYLG
 - ☒ 4. YLGECRNI

Question ID : **816161938**

Status : **Answered**

Chosen Option : 2

Q.8 In a certain code language, 'SPECIAL' is coded as '20176410213'. How will 'MACHINE' be coded as in that language?

- Ans**
- ☒ 1. 1424910156
 - ☒ 2. 1524910146
 - ☒ 3. 1424901056
 - ☒ 4. 1324810155

Question ID : **816161939**

Status : **Answered**

Chosen Option : 1

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. 39 : 270
 - ☒ 2. 21 : 154
 - ☒ 3. 37 : 256
 - ☒ 4. 31 : 214

Question ID : **816161945**

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Q.10 Arrange the following words in a logical and meaningful order.

- 1. Casting
- 2. Acting
- 3. Film Shooting
- 4. Final Film
- 5. Editing

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

Question ID : **816161933**

Status : **Answered**

Chosen Option : 2

Q.11 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. No garden is a park.
2. Some gardens are schools.

Conclusions:

- I. No park is a garden.
- II. Some schools are gardens.
- III. Some parks are gardens.

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

Question ID : 816161942

Status : **Answered**

Chosen Option : 3

Q.12 What day of the week was 29 June 2010?

- Ans**
- ☒ 1. Tuesday
 - ☒ 2. Wednesday
 - ☒ 3. Monday
 - ☒ 4. Sunday

Question ID : 816161949

Status : **Not Attempted and Marked For Review**

Chosen Option : --

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 : 51 :: 7 : ?

- Ans**
- ☒ 1. 335
 - ☒ 2. 319
 - ☒ 3. 609
 - ☒ 4. 679

Question ID : 816161944

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Q.14 'Photoshop' is related to 'Software' in the same way as 'Optical Mouse' is related to '_____'.

- Ans**
- ☒ 1. Malware
 - ☒ 2. Touch-screen
 - ☒ 3. Hardware
 - ☒ 4. Hard-disc

Question ID : 816161936

Status : **Answered**

Chosen Option : 3

Q.15 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. GT
 - ☒ 2. LO
 - ☒ 3. AZ
 - ☒ 4. KN

Question ID : 816161934

Status : **Answered**

Chosen Option : 4

Q.16 Select the option in which the words share the same relationship as that shared by the given pair of words.

Temple : Worship

- Ans**
- ☒ 1. Golden Temple : Amritsar
 - ☒ 2. Garden : Plants
 - ☒ 3. University : President
 - ☒ 4. Church : Prayer

Question ID : 816161937

Status : **Answered**

Chosen Option : 4

Q.17 Four words have been given, out of which three are alike in some manner and one is different. Select the odd word.

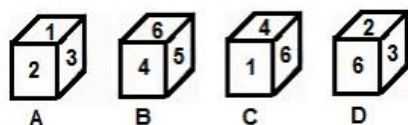
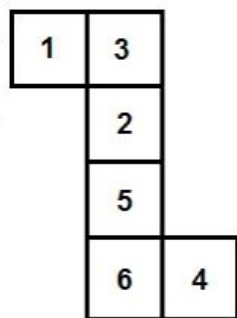
- Ans**
- ☒ 1. Diabetes
 - ☒ 2. Cancer
 - ☒ 3. Asthma
 - ☒ 4. Bone Marrow

Question ID : 816161935

Status : **Answered**

Chosen Option : 4

Q.18 Select the dice that can be formed by folding the given sheet along the lines.



- Ans
- ☒ 1. Only B and D
 - ☒ 2. Only A
 - ☒ 3. Only A and B
 - ☒ 4. Only A, B and C

Question ID : 816161952

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.

(22, 64, 352)

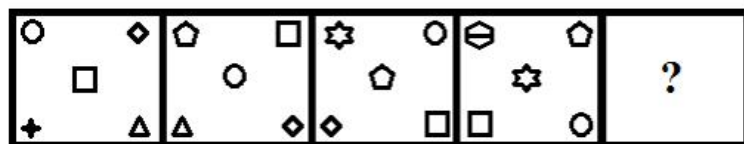
- Ans
- ☒ 1. (24, 16, 108)
 - ☒ 2. (19, 52, 257)
 - ☒ 3. (14, 68, 238)
 - ☒ 4. (27, 52, 453)

Question ID : 816161946

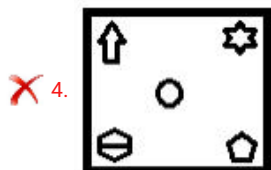
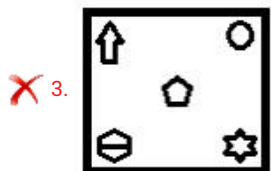
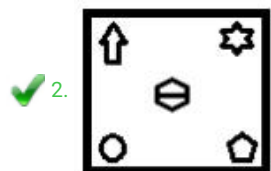
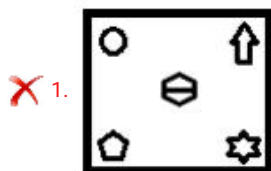
Status : Not Attempted and
Marked For Review

Chosen Option : --

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



Ans



Question ID : 816161950

Status : Answered

Chosen Option : 2

Q.21 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

15	18	?
8	9	12
161	243	432

Ans

✗ 1. 26

✗ 2. 22

✓ 3. 24

✗ 4. 20

Question ID : 816161947

Status : Not Attempted and
Marked For Review

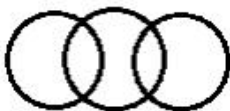
Chosen Option : --

Q.22 Which of the following Venn diagrams best represents the relationship between the following classes?

Lady Constables, Uncles, Mothers

Ans

✗ 1.



✓ 2.



✗ 3.



✗ 4.



Question ID : 816161956

Status : Answered

Chosen Option : 2

Q.23 Select the letter-cluster that can replace the question mark (?) in the following series.

NAVIGATE, PCVIGATE, NAXKGATE, ? , NAVIGAVG

Ans

✓ 1.

NAVIICTE

✗ 2.

PCVIICUG

✗ 3.

NAVIJCTF

✗ 4.

NAXKICTE

Question ID : 816161940

Status : Marked For Review

Chosen Option : 2

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

39, 50, 63, 80, ? , 122, 151, 182

Ans

✗ 1.

105

✗ 2.

108

✗ 3.

90

✓ 4.

99

Question ID : 816161943

Status : Answered

Chosen Option : 4

Q.25 Select the letter will replace the question mark (?) in the following series.

A, J, E, L, I, N, O, P, U, ?

Ans  1. W

 2. K

 3. B

 4. R

Question ID : 816161932

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Section : General Awareness

Q.1 Which of the following is the lowermost layer of the Atmosphere?

Ans  1. Mesosphere

 2. Thermosphere

 3. Troposphere

 4. Exosphere

Question ID : 816161967

Status : **Answered**

Chosen Option : 3

Q.2 'Pedology' is the science of:

Ans  1. skin disease

 2. ground water

 3. soil

 4. childhood illness

Question ID : 816161961

Status : **Answered**

Chosen Option : 3

Q.3 Which of the following states does NOT share its boundary with Nepal?

Ans  1. Bihar

 2. West Bengal

 3. Uttar Pradesh

 4. Assam

Question ID : 816161966

Status : **Marked For Review**

Chosen Option : 4

Q.4 Who among the following was the mascot of the Men's Hockey World Cup held at Bhubaneswar in 2018?

- Ans
- ☐ 1. Borobi
 - ☐ 2. Millie
 - ☐ 3. Shera
 - ☒ 4. Turtle Oilly

Question ID : **816161978**
Status : **Not Answered**
Chosen Option : --

Q.5 Which among the following is a non-biodegradable waste?

- Ans
- ☐ 1. Flowers
 - ☐ 2. Dead animals
 - ☐ 3. Vegetables
 - ☒ 4. Plastic

Question ID : **816161962**
Status : **Answered**
Chosen Option : 4

Q.6 Which of the following ministries is NOT associated with the initiative of Beti Bachao, Beti Padhao Scheme?

- Ans
- ☒ 1. Ministry of Rural Development
 - ☐ 2. Ministry of Health and Family Welfare
 - ☐ 3. Ministry of Human Resource Development
 - ☐ 4. Ministry of Women and Child Development

Question ID : **816161960**
Status : **Not Attempted and Marked For Review**
Chosen Option : --

Q.7 In 2019, IIT-Madras launched the country's first indigenously designed standing wheelchair named as:

- Ans
- ☐ 1. Awake
 - ☐ 2. Optimist
 - ☐ 3. Marathon
 - ☒ 4. Arise

Question ID : **816161981**
Status : **Answered**
Chosen Option : 4

Q.8 Which of the following events did NOT occur in 1919?

- Ans
- ☐ 1. Montague Chelmsford Reform was announced
 - ☐ 2. Rowlatt Act was passed
 - ☐ 3. Jallianwala Bagh tragedy took place
 - ☒ 4. Partition of Bengal took place

Question ID : **816161972**
Status : **Answered**

Q.9 Which of the following rivers was known as Purushni in the Vedic period?

- Ans
- ☒ 1. Chenab
 - ☒ 2. Ravi
 - ☒ 3. Sutlej
 - ☒ 4. Beas

Question ID : 816161970

Status : **Not Answered**

Chosen Option : --

Q.10 Who among the following is NOT a recipient of the 2019 Mother Teresa Memorial Awards for Social Justice?

- Ans
- ☒ 1. Ajeet Singh
 - ☒ 2. Kailash Satyarthi
 - ☒ 3. Medha Patkar
 - ☒ 4. Priti Patkar

Question ID : 816161974

Status : **Not Answered**

Chosen Option : --

Q.11 Who among the following is the Chief Minister of Mizoram as on November 2019?

- Ans
- ☒ 1. PU Zoramthanga
 - ☒ 2. Conrad Kongkal Sangma
 - ☒ 3. Laldenga
 - ☒ 4. Neiphiu Rio

Question ID : 816161975

Status : **Answered**

Chosen Option : 1

Q.12 In July 2019, which of the following schemes was launched to accelerate water harvesting and conservation measures?

- Ans
- ☒ 1. Jal Vikas Abhiyan
 - ☒ 2. Jal hi dhan hai Abhiyan
 - ☒ 3. Jal Bachao Abhiyan
 - ☒ 4. Jal Shakti Abhiyan

Question ID : 816161980

Status : **Answered**

Chosen Option : 4

Q.13 How many medals did India win in the 2012 Summer Olympics?

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

Question ID : 816161977

Status : **Not Answered**

Chosen Option : --

Q.14 Under which Amendment to the Constitution of India was Goods and Services Tax imposed?

- Ans
- ☒ 1. 97th
 - ☒ 2. 101st
 - ☒ 3. 99th
 - ☒ 4. 103rd

Question ID : 816161976

Status : **Marked For Review**

Chosen Option : 2

Q.15 Constantan is an alloy of copper and _____.

- Ans
- ☒ 1. aluminium
 - ☒ 2. iron
 - ☒ 3. tin
 - ☒ 4. nickel

Question ID : 816161965

Status : **Not Answered**

Chosen Option : --

Q.16 What does 'C' stand for in ITCZ?

- Ans
- ☒ 1. Convergence
 - ☒ 2. Convection
 - ☒ 3. Constant
 - ☒ 4. Circulation

Question ID : 816161968

Status : **Not Answered**

Chosen Option : --

Q.17 What is the rank of India in the Global Peace Index 2019?

- Ans
- ☒ 1. 143
 - ☒ 2. 141
 - ☒ 3. 144
 - ☒ 4. 142

Question ID : 816161979

Status : **Answered**

Chosen Option : 2

Q.18 Who among the following initiated 'Din-i-Ilahi'?

- Ans
- ☒ 1. Humayun
 - ☒ 2. Babur
 - ☒ 3. Jahangir
 - ☒ 4. Akbar

Question ID : 816161969

Status : **Answered**

Chosen Option : 4

Q.19 Who signed the treaty of Alinagar with the British?

- Ans
- ☒ 1. Alivardi Khan
 - ☒ 2. Siraj-ud-Daula
 - ☒ 3. Mir Jafar
 - ☒ 4. Mir Qasim

Question ID : 816161971

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Q.20 Who of the following authored the book 'Revolution 2020'?

- Ans
- ☒ 1. Chetan Bhagat
 - ☒ 2. Devdutt Pattanaik
 - ☒ 3. Rupa Pai
 - ☒ 4. Arvind Kejriwal

Question ID : 816161973

Status : **Not Answered**

Chosen Option : --

Q.21 How many molecules of ATP are obtained by the respiration of one molecule of glucose?

- Ans
- ☒ 1. 36
 - ☒ 2. 38
 - ☒ 3. 4
 - ☒ 4. 2

Question ID : 816161964

Status : **Marked For Review**

Chosen Option : 2

Q.22 What is the rank of India in the Human Development Index 2019?

- Ans
- ☒ 1. 89th
 - ☒ 2. 128th
 - ☒ 3. 130th
 - ☒ 4. 129th

Question ID : 816161959

Status : **Answered**

Chosen Option : 4

Q.23 The rating for a fuse used in a household electric circuit is provided on the basis of:

- Ans
- ☒ 1. voltage
 - ☒ 2. current
 - ☒ 3. power
 - ☒ 4. resistance

Question ID : 816161963

Status : **Marked For Review**

Chosen Option : 1

Q.24 In which state is the festival of Uttarayan uniquely celebrated?

- Ans  1. Uttar Pradesh
-  2. Gujarat
-  3. Jharkhand
-  4. Kerala

Question ID : 816161957

Status : Answered

Chosen Option : 2

Q.25 Which tales are related with the painting and sculptures of the Ajanta caves?

- Ans  1. Panchatantra Tales
-  2. Pentamerone Tales
-  3. Hitopadesha Tales
-  4. Jataka Tales

Question ID : 816161958

Status : Not Answered

Chosen Option : --

Section : Quantitative Aptitude

Q.1 The following table shows the production of fertilizers (in lakh tonne) by six companies for 5 months (January to May).

Months	Companies					
	I	II	III	IV	V	VI
January	327	180	185	137	145	120
February	326	179	187	162	146	122
March	320	160	188	173	135	130
April	318	167	177	180	140	130
May	310	150	169	178	140	128

There a continuous decrease in production over the months in:

- Ans  1. Company III
-  2. Company II
-  3. Company IV
-  4. Company I

Question ID : 8161611004

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.2 In a circle, chords PQ and TS are produced to meet at R. If $RQ = 14.4$ cm, $PQ = 11.2$ cm, and $SR = 12.8$ cm, then the length of chord TS is:

- Ans  1. 16 cm
-  2. 18 cm
-  3. 12.4 cm
-  4. 14.2 cm

Question ID : 816161999

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.3 Find the height of a cuboid whose volume is 330 cm^3 and base area is 15 cm^2 .

- Ans
- ☒ 1. 24 cm
 - ☒ 2. 21 cm
 - ☒ 3. 22 cm
 - ☒ 4. 19 cm

Question ID : 816161992

Status : Answered

Chosen Option : 3

Q.4 If x, y, z are three numbers such that $x + y = 13$, $y + z = 15$ and $z + x = 16$, then the value of $\frac{xy+xz}{xyz}$ is:

- Ans
- ☒ 1. $\frac{5}{36}$
 - ☒ 2. $\frac{5}{18}$
 - ☒ 3. $\frac{18}{5}$
 - ☒ 4. $\frac{36}{5}$

Question ID : 816161993

Status : Answered

Chosen Option : 2

Q.5 Solve the following.

$$\frac{2\sin 22^\circ}{\cos 68^\circ} - \frac{2\cot 75^\circ}{5\tan 15^\circ} - \frac{8\tan 45^\circ \tan 20^\circ \tan 40^\circ \tan 50^\circ \tan 70^\circ}{5}$$

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

Question ID : 8161611001

Status : Answered

Chosen Option : 4

Q.6 The value of $(\operatorname{cosec} A + \cot A + 1)(\operatorname{cosec} A - \cot A + 1) - 2\operatorname{cosec} A$ is:

- Ans
- ☒ 1. 2
 - ☒ 2. $4\operatorname{cosec} A$
 - ☒ 3. 0
 - ☒ 4. $2\operatorname{cosec} A$

Question ID : 8161611000

Status : Answered

Chosen Option : 1

Q.7 A train X travelling at 60 km/h overtakes another train Y, 225 m long, and completely passes it in 72 seconds. If the trains had been going in opposite directions, they would have passed each other in 18 seconds. The length (in m) of X and the speed (in km/h) of Y are, respectively:

- Ans**
- ☒ 1. 255 and 40
 - ☒ 2. 245 and 54
 - ☒ 3. 255 and 36
 - ☒ 4. 245 and 45

Question ID : 816161986

Status : Not Answered

Chosen Option : --

Q.8 Amit travelled a distance of 50 km in 9 hours. He travelled partly on foot at 5 km/h and partly by bicycle at 10 km/h. The distance travelled on the bicycle is:

- Ans**
- ☒ 1. 10 km
 - ☒ 2. 12 km
 - ☒ 3. 13 km
 - ☒ 4. 11 km

Question ID : 816161991

Status : Not Answered

Chosen Option : --

Q.9 Arrange the angles of the triangle from smallest to largest in the triangle, where the sides are AB=7 cm, AC=8 cm, BC=9 cm.

- Ans**
- ☒ 1. A,B,C
 - ☒ 2. C,B,D
 - ☒ 3. C,B,A
 - ☒ 4. B,A,C

Question ID : 816161998

Status : Not Answered

Chosen Option : --

Q.10 A certain sum amounts to ₹280900 in 2 years at 6% per annum, interest compounded annually. The sum is:

- Ans**
- ☒ 1. ₹350000
 - ☒ 2. ₹550000
 - ☒ 3. ₹250000
 - ☒ 4. ₹200000

Question ID : 816161989

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.11 The average of 4 terms is 30 and the 1st term is $\frac{1}{3}$ of the sum of the remaining terms. What is the first term?

- Ans
- ☐ 1. 20
 - ☐ 2. 60
 - ☐ 3. 40
 - ☒ 4. 30

Question ID : 816161984

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Q.12 The following table shows the production of fertilizers (in lakh tonne) by six companies for 5 months (January to May).

Months	Companies					
	I	II	III	IV	V	VI
January	327	180	185	137	145	120
February	326	179	187	162	146	122
March	320	160	188	173	135	130
April	318	167	177	180	140	130
May	310	150	169	178	140	128

In which month does Company II have a contribution of approximately 20% in the total fertilizer production?

- Ans
- ☐ 1. March
 - ☐ 2. January
 - ☐ 3. May
 - ☒ 4. April

Question ID : 8161611003

Status : **Not Answered**

Chosen Option : --

Q.13 Solve the following expression.

$$11 + 11 \times 11 - 11 \div 11$$

- Ans
- ☐ 1. 11
 - ☐ 2. 22
 - ☐ 3. 121
 - ☒ 4. 131

Question ID : 816161983

Status : **Answered**

Chosen Option : 4

Q.14 A man wanted to sell his bat at a discount of 8%. His brother who was a cricketer wanted to buy the bat, so the man sells it at a discount of 10%. In this deal, the man reduces ₹70 in profit. What was the market value of the bat?

- Ans
- ☐ 1. ₹3,000
 - ☒ 2. ₹3,500
 - ☐ 3. ₹2,500
 - ☐ 4. ₹3,200

Question ID : 816161985

Status : **Not Answered**

Chosen Option : --

Q.15 The following table shows the imports and exports (in ₹ crore) of a country over 4 years (2016 to 2019).

Years	2016	2017	2018	2019
Imports	125	145	165	188
Exports	130	150	175	200

The average trade balance (in ₹ crores) is:

- Ans**
- ☐ 1. 12
 - ☐ 2. 6
 - ☐ 3. 4
 - ☒ 4. 8

Question ID : 8161611005

Status : Not Answered

Chosen Option : --

Q.16 A shopkeeper buys two books for ₹300. He sells the first book at a profit of 20% and the second book at a loss of 10%. What is the selling price of the first book, if, in the whole transaction there is no profit no loss?

- Ans**
- ☐ 1. ₹110
 - ☐ 2. ₹115
 - ☒ 3. ₹120
 - ☐ 4. ₹125

Question ID : 816161987

Status : Answered

Chosen Option : 3

Q.17 If $a = 2b = 8c$ and $a + b + c = 13$ then the value of $\frac{\sqrt{a^2 + b^2 + c^2}}{2c}$ is:

- Ans**
- ☐ 1. $\frac{5}{6}$
 - ☐ 2. $-\frac{5}{6}$
 - ☐ 3. $-\frac{9}{2}$
 - ☒ 4. $\frac{9}{2}$

Question ID : 816161994

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.18 Study the following table and answer the question.

Expenditures of a Company (in Lakh Rupees) per annum over the given Years

Year	Items of Expenditure for the company				
	Salary	Fuel and Transport	Bonus	Interest on Loans	Taxes
2014	284	98	3.00	23.4	74
2015	342	112	2.52	32.5	98
2016	314	101	3.84	41.4	83
2017	346	134	3.68	36.6	88
2018	425	141	3.96	49.4	108

Total expenditure on all the items in 2014 was approximately what percent of the total expenditure in 2018?

- Ans
- ☒ 1. 65.32%
 - ☒ 2. 66.32%
 - ☒ 3. 68.32%
 - ☒ 4. 60.32%

Question ID : 8161611006

Status : Not Answered

Chosen Option : --

Q.19 If 5 divided the integer n, the remainder is 2. What will be the remainder if 7n is divided by 5?

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

Question ID : 816161982

Status : Answered

Chosen Option : 2

Q.20 A, B and C can individually complete a task in 24 days, 16 days and 32 days respectively. If A and C start the work and worked for 6 days and left, then the number of days required by B to complete the remaining task, is:

- Ans
- ☒ 1. 9
 - ☒ 2. $17\frac{1}{2}$
 - ☒ 3. $7\frac{1}{2}$
 - ☒ 4. $12\frac{1}{2}$

Question ID : 816161990

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.21 The volumes of spheres A and B are in the ratio 125 : 64. If the sum of radii of A and B is 36 cm, then the surface area (in cm^2) of A is:

- Ans
- ☒ 1. 1600π
 - ☐ 2. 512π
 - ☐ 3. 800π
 - ☐ 4. 1024π

Question ID : 816161996

Status : **Not Answered**

Chosen Option : --

Q.22 A wheel covers a distance of 1,100 cm in one round. The diameter of the wheel is:

- Ans
- ☐ 1. 125 cm
 - ☒ 2. 175 cm
 - ☐ 3. 150 cm
 - ☐ 4. 100 cm

Question ID : 816161997

Status : **Answered**

Chosen Option : 2

Q.23 When 2 is subtracted from each of the given n numbers, then the sum of the numbers so obtained is 102. When 5 is subtracted from each of them, then the sum of the numbers so obtained is 12. What is the average of the given n numbers?

- Ans
- ☐ 1. 5.8
 - ☒ 2. 5.4
 - ☐ 3. 6.6
 - ☐ 4. 6.2

Question ID : 816161988

Status : **Not Answered**

Chosen Option : --

Q.24 If $a^2 + b^2 - c^2 = 0$, then the value of $\frac{2(a^6 + b^6 - c^6)}{3a^2 b^2 c^2}$ is:

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

Question ID : 816161995

Status : **Not Answered**

Chosen Option : --

Q.25 If $5 \cot \theta = 3$, find the value of $\frac{6 \sin \theta - 3 \cos \theta}{7 \sin \theta + 3 \cos \theta}$.

Ans

☒ 1. $\frac{20}{41}$

☒ 2. $\frac{11}{40}$

☒ 3. $\frac{21}{44}$

☒ 4. $\frac{44}{21}$

Question ID : 8161611002

Status : Answered

Chosen Option : 3

Section : English Comprehension

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

Abort

Ans ☒ 1. Continue

☒ 2. Hate

☒ 3. Begin

☒ 4. End

Question ID : 8161611022

Status : Answered

Chosen Option : 4

Q.2 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 was sitting at home doing nothing when I had heard that song again.

Ans ☒ 1. heard

☒ 2. No improvement

☒ 3. hears

☒ 4. has heard

Question ID : 8161611011

Status : Answered

Chosen Option : 1

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

"What are you going to call the puppy, Jane?" the boy asked.

Ans ☒ 1. The boy wondered what Jane were going to call the puppy.

☒ 2. The boy told Jane what she was going to call her puppy.

☒ 3. The boy asked Jane what she was going to call the puppy.

☒ 4. Jane asked the boy what is he going to call the puppy.

Question ID : 8161611010

Status : Answered

Chosen Option : 3

Q.4 Select the word which means the same as the group of words given.

Having something more than required

- Ans ☒ 1. Surplus
☐ 2. Surrogate
☐ 3. Surroundings
☐ 4. Surcharge

Question ID : 8161611027

Status : Answered

Chosen Option : 1

Q.5 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

- A. They also visit ailing friends and relatives, or attend to personal matters even during office hours.
B. Once in office, they receive friends and relatives who call them any time without prior appointment.
C. We can frequently find a large number of people sitting here and there and doing nothing.
D. Even those who are employed often come late to office and leave early unless they are forced to be punctual.

- Ans ☐ 1. DCAB
☐ 2. ABCD
☐ 3. ACDB
☒ 4. CDBA

Question ID : 8161611020

Status : Answered

Chosen Option : 4

Q.6 In the sentence identify the segment which contains the grammatical error.

We must get this post send as soon as possible.

- Ans ☐ 1. We must get
☐ 2. soon as possible
☐ 3. this post
☒ 4. send as

Question ID : 8161611008

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.

In a way, adult education is an educational movement through the medium (1)_____ village schools. In the beginning, the (2)_____ were suspicious. It was hard to persuade (3)_____ to realise that they were really getting something (4)_____ the schools. They were not at all sure that they wanted their (5)_____ to leave their homes.

SubQuestion No : 7

Q.7 Select the most appropriate option for the blank numbered 1.

- Ans
- ☒ 1. from
 - ☒ 2. by
 - ☒ 3. of
 - ☒ 4. in

Question ID : 8161611014

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.

In a way, adult education is an educational movement through the medium (1)_____ village schools. In the beginning, the (2)_____ were suspicious. It was hard to persuade (3)_____ to realise that they were really getting something (4)_____ the schools. They were not at all sure that they wanted their (5)_____ to leave their homes.

SubQuestion No : 8

Q.8 Select the most appropriate option for the blank numbered 2.

- Ans
- ☒ 1. politicians
 - ☒ 2. villagers
 - ☒ 3. children
 - ☒ 4. officers

Question ID : 8161611015

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.

In a way, adult education is an educational movement through the medium (1)_____ village schools. In the beginning, the (2)_____ were suspicious. It was hard to persuade (3)_____ to realise that they were really getting something (4)_____ the schools. They were not at all sure that they wanted their (5)_____ to leave their homes.

SubQuestion No : 9

Q.9 Select the most appropriate option for the blank numbered 3.

- Ans
- ☒ 1. him
 - ☒ 2. us
 - ☒ 3. them
 - ☒ 4. they

Question ID : 8161611016

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.

In a way, adult education is an educational movement through the medium (1)_____ village schools. In the beginning, the (2)_____ were suspicious. It was hard to persuade (3)_____ to realise that they were really getting something (4)_____ the schools. They were not at all sure that they wanted their (5)_____ to leave their homes.

SubQuestion No : 10

Q.10 Select the most appropriate option for the blank numbered 4.

- Ans
- ☒ 1. by
 - ☒ 2. for
 - ☒ 3. from
 - ☒ 4. to

Question ID : 8161611017

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.

In a way, adult education is an educational movement through the medium (1)_____ village schools. In the beginning, the (2)_____ were suspicious. It was hard to persuade (3)_____ to realise that they were really getting something (4)_____ the schools. They were not at all sure that they wanted their (5)_____ to leave their homes.

SubQuestion No : 11

Q.11 Select the most appropriate option for the blank numbered 5.

- Ans
- ☒ 1. villagers
 - ☒ 2. children
 - ☒ 3. teachers
 - ☒ 4. parents

Question ID : 8161611018

Status : Answered

Chosen Option : 2

Q.12 In the sentence identify the segment which contains the grammatical error.

Sita has no taste in classical dance.

- Ans
- ☒ 1. classical dance
 - ☒ 2. Sita has
 - ☒ 3. no taste
 - ☒ 4. in

Question ID : 8161611007

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.13 Select the correct passive form of the given sentence.

The commander ordered his soldiers to move forward and attack the enemy camps.

- Ans ☒ 1. The commander ordered his soldiers to be moved forward and attacked the enemy camps.
- ☒ 2. The soldiers were ordered by their commander to move forward and attack the enemy camps.
- ☒ 3. His soldiers were ordered by the commander to be moved forward and attacked the enemy camps.
- ☒ 4. The commander was ordered by his soldiers to move forward and attack the enemy camps.

Question ID : 8161611009

Status : Answered

Chosen Option : 2

Q.14 Select the most appropriate meaning of the following idiom.

The acid test

- Ans ☒ 1. Throwing acid on someone's face
- ☒ 2. A critical situation or crisis
- ☒ 3. A fact, event or situation that proves something
- ☒ 4. An unpleasant or offensive test

Question ID : 8161611026

Status : Not Attempted and Marked For Review

Chosen Option : --

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

- A. Accommodation and food were given free.
- B. This was held in a hostel for poor students built by a philanthropist.
- C. A few years ago, I was the chief guest at a small function.
- D. But the inmates of the hostel had to bear other expenses like clothing and toiletries.

- Ans ☒ 1. CBAD
- ☒ 2. BCAD
- ☒ 3. BCDA
- ☒ 4. ABCD

Question ID : 8161611019

Status : Answered

Chosen Option : 1

Q.16 Select the most appropriate option to fill in the blank.

My cousin's study on the reading habits of school children across three states has been recognised as a _____ piece of research.

- Ans ☒ 1. negligent
- ☒ 2. proud
- ☒ 3. useless
- ☒ 4. pioneering

Question ID : 8161611032

Status : Answered

Chosen Option : 2

Q.17 Select the most appropriate **ANTONYM** of the given word.

Mellow

- Ans
- ☒ 1. Shiny
 - ☒ 2. Medium
 - ☒ 3. Hard
 - ☒ 4. Soft

Question ID : **8161611024**

Status : **Answered**

Chosen Option : **3**

Q.18 Select the most appropriate meaning of the following idiom.

Blind alley

- Ans
- ☒ 1. A situation in which no further progress can be made
 - ☒ 2. A person who comes to meet occasionally
 - ☒ 3. Taking first step after somebody's approach
 - ☒ 4. A state of deep thought

Question ID : **8161611025**

Status : **Not Answered**

Chosen Option : **--**

Q.19 Select the most appropriate **ANTONYM** of the given word.

Emerge

- Ans
- ☒ 1. Announce
 - ☒ 2. Appear
 - ☒ 3. Disappear
 - ☒ 4. Surface

Question ID : **8161611023**

Status : **Answered**

Chosen Option : **3**

Q.20 Select the most appropriate option to fill in the blank.

Suzerainty is having political control over a ____ state.

- Ans
- ☒ 1. unified
 - ☒ 2. democratic
 - ☒ 3. backward
 - ☒ 4. dependent

Question ID : **8161611031**

Status : **Answered**

Chosen Option : **3**

Q.21 Select the INCORRECTLY spelt word.

- Ans
- ☒ 1. Shining
 - ☒ 2. Beginning
 - ☒ 3. Soldier
 - ☒ 4. Guidance

Question ID : 8161611029

Status : Answered

Chosen Option : 4

Q.22 Select the most appropriate synonym of the given word.

Exceed

- Ans
- ☒ 1. Decrease
 - ☒ 2. Improve
 - ☒ 3. Decline
 - ☒ 4. Surpass

Question ID : 8161611021

Status : Answered

Chosen Option : 4

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

Anger about an unfair situation or about someone's unfair behaviour

- Ans
- ☒ 1. Induction
 - ☒ 2. Indigenisation
 - ☒ 3. Indulgence
 - ☒ 4. Indignation

Question ID : 8161611028

Status : Not Answered

Chosen Option : --

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.

One evening, when father was coming home from work, I played in the front garden.

- Ans
- ☒ 1. was playing
 - ☒ 2. No improvement
 - ☒ 3. play
 - ☒ 4. am playing

Question ID : 8161611012

Status : Answered

Chosen Option : 1

Q.25 Select the INCORRECTLY spelt word.

- Ans  1. Guarantee
-  2. Athlete
-  3. Convenience
-  4. Dilemma

Question ID : 8161611030

Status : **Marked For Review**

Chosen Option : 2

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