Combined Graduate Level Examination-2019 (Tier-I)

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ 1 Sector 62
Exam Date	09/03/2020
Exam Time	1:00 PM - 2:00 PM
Subject	CGLE Tier I

Section : **General Intelligence and Reasoning**

Q.1 In a certain code language, 'SPECIAL' is coded as '20176410213'. How will 'MACHINE' be coded as in that language?

Ans ✗ 1. 1324810155

✗ 2. 1424901056

✔ 3. 1424910156

✗ 4. 1524910146

Question ID : **816161939**
Status : **Answered**
Chosen Option : **3**

Q.2 Which two signs should be interchanged to make the given equation correct?

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

Ans ✗ 1. × and ÷

✗ 2. × and −

✔ 3. ÷ and −

✗ 4. + and −

Question ID : **816161948**
Status : **Marked For Review**
Chosen Option : **3**

Q.3 Select the letter-cluster that can replace the question mark (?) in the following series.

NAVIGATE, PCVIGATE, NAXKGATE, ? , NAVIGAVG

Ans ✗ 1. PCVIICUG

✗ 2. NAXKICTE

✔ 3. NAVIICTE

✗ 4. NAVIJCTF

Question ID : **816161940**
Status : **Answered**
Chosen Option : **3**

Q.4 In a certain code language, 'FIXATION' is written as 'AXIFNOIT'. How will 'GLYCERIN' be written as in that language?
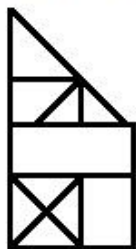
Ans
- ✔ 1. CYLGNIRE
- ✗ 2. NIRECYLG
- ✗ 3. LGZDGINR
- ✗ 4. YLGECRNI

Question ID : **816161938**
Status : **Answered**
Chosen Option : **1**

Q.5 How many triangles are there in the given figure?

Ans
- ✔ 1. 13
- ✗ 2. 15
- ✗ 3. 12
- ✗ 4. 14

Question ID : **816161951**
Status : **Marked For Review**
Chosen Option : **1**

Q.6 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. AZ
- ✗ 2. LO
- ✗ 3. GT
- ✔ 4. KN

Question ID : **816161934**
Status : **Answered**
Chosen Option : **4**

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

Ans
- ✗ 1. Cancer
- ✗ 2. Asthma
- ✗ 3. Diabetes
- ✔ 4. Bone Marrow

Question ID : **816161935**
Status : **Answered**
Chosen Option : **4**

Q.8 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. 20
✔️ 2. 24
❌ 3. 22
❌ 4. 26

Question ID : **816161947**
Status : **Answered**
Chosen Option : **2**

Q.9 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. (27, 52, 453)
❌ 2. (24, 16, 108)
❌ 3. (19, 52, 257)
✔️ 4. (14, 68, 238)

Question ID : **816161946**
Status : **Answered**
Chosen Option : **4**

Q.10 Select the option in which the words share the same relationship as that shared by the given pair of words.
Temple : Worship

Ans
✔️ 1. Church : Prayer
❌ 2. University : President
❌ 3. Golden Temple : Amritsar
❌ 4. Garden : Plants

Question ID : **816161937**
Status : **Answered**
Chosen Option : **1**

Q.11 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. 31 : 214

✗ 2. 37 : 256

✓ 3. 21 : 154

✗ 4. 39 : 270

Question ID : **816161945**

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

Chosen Option : --

Q.12 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. 319

✗ 2. 609

✗ 3. 335

✓ 4. 679

Question ID : **816161944**

Status : **Answered**

Chosen Option : **2**

Q.13 What day of the week was 29 June 2010?

Ans ✗ 1. Sunday

✗ 2. Monday

✗ 3. Wednesday

✓ 4. Tuesday

Question ID : **816161949**

Status : **Not Answered**

Chosen Option : --

Q.14 Select the number that can replace the question mark (?) in the following series.

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

Ans ✗ 1. 90

✗ 2. 108

✓ 3. 99

✗ 4. 105

Question ID : **816161943**

Status : **Answered**

Chosen Option : **3**

Q.15 A – B means 'A is the sister of B';

A × B means 'A is the husband of B';

A ÷ B means 'A is the son of B'.

If, Y × M – T – Z ÷ L × U, then how is U related to Y?

Ans ✗ 1. Father-in-law

✔ 2. Mother-in-law

✗ 3. Father

✗ 4. Mother

Question ID : **816161941**

Status : **Answered**

Chosen Option : **2**

Q.16 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. 3, 2, 1, 4, 5

✗ 3. 3, 1, 2, 5, 4

✔ 4. 1, 2, 3, 5, 4

Question ID : **816161933**

Status : **Answered**

Chosen Option : **4**

Q.17 Select the figure that can replace the question mark (?) in the following series.

Ans

 ✔ 1.

 ✗ 2.

 ✗ 3.

 ✗ 4.
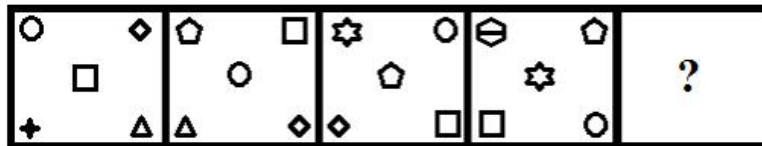
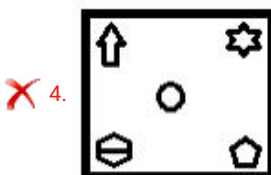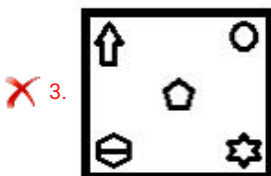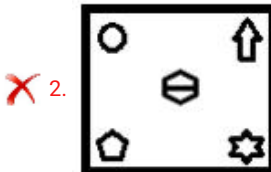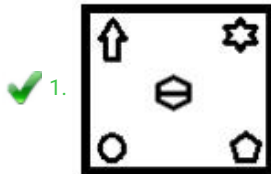**Q.18** Select the option in which the given figure X is embedded (rotation is not allowed).
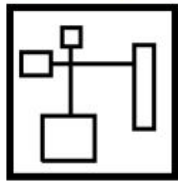
Figure X

Ans

✗ 1.
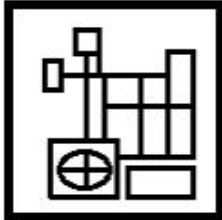
✔ 2.

✗ 3.

✗ 4.
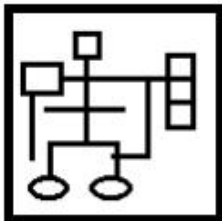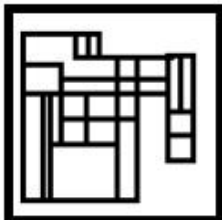
Question ID : **816161953**
Status : **Answered**
Chosen Option : **2**

Q.19 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. ꓘ ꟼ M Z ꓨ W Ǝ

✔ 2. ꓘ ꟼ M Z ꓨ W Ǝ

✗ 3. ꓘ ꟼ M Z ꓨ W Ǝ

✗ 4. ꓘ ꟼ M Z ꓨ W Ǝ

Q.20 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.

Q.21 Select the letter will replace the question mark (?) in the following series.

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

Ans ✔ 1. R

✗ 2. W

✗ 3. K

✗ 4. B

Q.22 'Photoshop' is related to 'Software' in the same way as 'Optical Mouse' is related to '_____'.

Ans
- ✔ 1. Hardware
- ✘ 2. Touch-screen
- ✘ 3. Malware
- ✘ 4. Hard-disc

Question ID : **816161936**
Status : **Marked For Review**
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. 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 and conclusion II follow.
- ✘ 2. Only conclusions II and III follow.
- ✔ 3. Only conclusions I and II follow.
- ✘ 4. Either conclusion I or III follows.

Question ID : **816161942**
Status : **Answered**
Chosen Option : **3**

Q.24 Select the dice that can be formed by folding the given sheet along the lines.

1	3

2

5

6	4

A   B   C   D
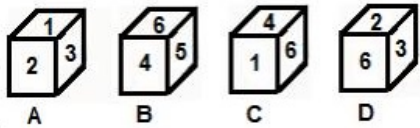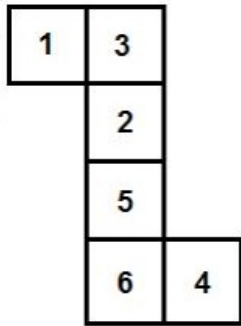
Ans

✗ 1. Only A

✗ 2. Only B and D

✔ 3. Only A and B

✗ 4. Only A, B and C

Q.25 Which of the following Venn diagrams best represents the relationship between the following classes?

Lady Constables, Uncles, Mothers

Ans

✗ 1.

✗ 2.

✔ 3.

✗ 4.

Section : **General Awareness**
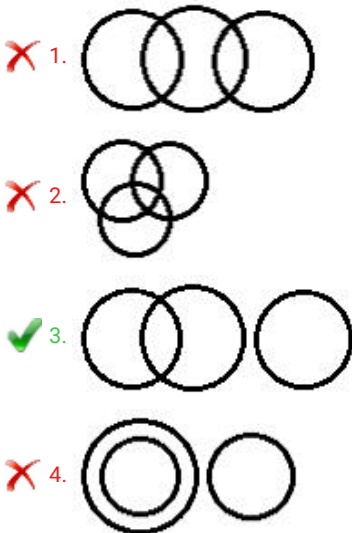
Q.1 Which of the following is the lowermost layer of the Atmosphere?

Ans ✓ 1. Troposphere

✗ 2. Mesosphere

✗ 3. Thermosphere

✗ 4. Exosphere

Question ID : **816161967**

Status : **Answered**

Chosen Option : **1**

Q.2 What is the rank of India in the Human Development Index 2019?

Ans ✗ 1. 89th

✗ 2. 130th

✗ 3. 128th

✓ 4. 129th

Question ID : **816161959**

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

Chosen Option : **--**

Q.3 The rating for a fuse used in a household electric circuit is provided on the basis of:

Ans ✗ 1. resistance

✗ 2. voltage

✗ 3. power

✓ 4. current

Question ID : **816161963**

Status : **Answered**

Chosen Option : **1**

Q.4 In which state is the festival of Uttarayan uniquely celebrated?

Ans ✗ 1. Jharkhand

✓ 2. Gujarat

✗ 3. Uttar Pradesh

✗ 4. Kerala

Question ID : **816161957**

Status : **Not Answered**

Chosen Option : **--**

Q.5 Which of the following events did NOT occur in 1919?

Ans ✗ 1. Montague Chelmsford Reform was announced

✗ 2. Jallianwala Bagh tragedy took place

✗ 3. Rowlatt Act was passed

✓ 4. Partition of Bengal took place

Question ID : **816161972**

Status : **Answered**

Chosen Option : **4**

Q.6 How many molecules of ATP are obtained by the respiration of one molecule of glucose?

Ans ✗ 1. 36

✗ 2. 4

✗ 3. 38

✓ 4. 2

Question ID : **816161964**

Status : **Not Answered**

Chosen Option : **--**

Q.7 Constantan is an alloy of copper and _____.

Ans ✗ 1. aluminium

✗ 2. tin

✓ 3. nickel

✗ 4. iron

Question ID : **816161965**

Status : **Not Answered**

Chosen Option : **--**

Q.8 Which of the following rivers was known as Purushni in the Vedic period?

Ans ✗ 1. Beas

✗ 2. Chenab

✓ 3. Ravi

✗ 4. Sutlej

Question ID : **816161970**

Status : **Not Answered**

Chosen Option : **--**

Q.9 Which tales are related with the painting and sculptures of the Ajanta caves?

Ans ✗ 1. Hitopadesha Tales

✗ 2. Panchatantra Tales

✔ 3. Jataka Tales

✗ 4. Pentamerone Tales

Question ID : **816161958**
Status : **Answered**
Chosen Option : **3**

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

Ans ✗ 1. Kailash Satyarthi

✗ 2. Priti Patkar

✔ 3. Medha Patkar

✗ 4. Ajeet Singh

Question ID : **816161974**
Status : **Answered**
Chosen Option : **1**

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

Ans ✗ 1. Conrad Kongkal Sangma

✗ 2. Laldenga

✗ 3. Neiphiu Rio

✔ 4. PU Zoramthanga

Question ID : **816161975**
Status : **Not Answered**
Chosen Option : **--**

Q.12 'Pedology' is the science of:

Ans ✗ 1. ground water

✔ 2. soil

✗ 3. childhood illness

✗ 4. skin disease

Question ID : **816161961**
Status : **Marked For Review**
Chosen Option : **2**

Q.13 Who among the following initiated 'Din-i-Ilahi'?

Ans ❌ 1. Babur

❌ 2. Humayun

❌ 3. Jahangir

✔️ 4. Akbar

Question ID : **816161969**

Status : **Answered**

Chosen Option : **4**

Q.14 Which of the following ministries is NOT associated with the initiative of Beti Bachao, Beti Padhao Scheme?

Ans ❌ 1. Ministry of Health and Family Welfare

✔️ 2. Ministry of Rural Development

❌ 3. Ministry of Women and Child Development

❌ 4. Ministry of Human Resource Development

Question ID : **816161960**

Status : **Answered**

Chosen Option : **2**

Q.15 Which among the following is a non-biodegradable waste?

Ans ✔️ 1. Plastic

❌ 2. Flowers

❌ 3. Vegetables

❌ 4. Dead animals

Question ID : **816161962**

Status : **Answered**

Chosen Option : **1**

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

Ans ❌ 1. Convection

✔️ 2. Convergence

❌ 3. Constant

❌ 4. Circulation

Question ID : **816161968**

Status : **Not Answered**

Chosen Option : **--**

Q.17 In 2019, IIT-Madras launched the country's first indigenously designed standing wheelchair named as:

Ans   ✔️ 1. Arise

      ❌ 2. Marathon

      ❌ 3. Awake

      ❌ 4. Optimist

Question ID : **816161981**
Status : **Answered**
Chosen Option : **1**

Q.18 Who signed the treaty of Alinagar with the British?

Ans   ❌ 1. Mir Qasim

      ✔️ 2. Siraj-ud-Daula

      ❌ 3. Alivardi Khan

      ❌ 4. Mir Jafar

Question ID : **816161971**
Status : **Not Answered**
Chosen Option : **--**

Q.19 Under which Amendment to the Constitution of India was Goods and Services Tax imposed?

Ans   ❌ 1. 97th

      ✔️ 2. 101st

      ❌ 3. 103rd

      ❌ 4. 99th

Question ID : **816161976**
Status : **Answered**
Chosen Option : **2**

Q.20 How many medals did India win in the 2012 Summer Olympics?

Ans   ❌ 1. 5

      ❌ 2. 3

      ❌ 3. 4

      ✔️ 4. 6

Question ID : **816161977**
Status : **Not Answered**
Chosen Option : **--**

Q.21 What is the rank of India in the Global Peace Index 2019?

Ans ✖ 1. 142

✖ 2. 144

✖ 3. 143

✔ 4. 141

Question ID : **816161979**
Status : **Not Answered**
Chosen Option : **--**

Q.22 Who among the following was the mascot of the Men's Hockey World Cup held at Bhubaneswar in 2018?

Ans ✖ 1. Shera

✖ 2. Millie

✖ 3. Borobi

✔ 4. Turtle Olly

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

Q.23 Which of the following states does NOT share its boundary with Nepal?

Ans ✖ 1. Uttar Pradesh

✔ 2. Assam

✖ 3. West Bengal

✖ 4. Bihar

Question ID : **816161966**
Status : **Answered**
Chosen Option : **2**

Q.24 In July 2019, which of the following schemes was launched to accelerate water harvesting and conservation measures?

Ans ✔ 1. Jal Shakti Abhiyan

✖ 2. Jal Bachao Abhiyan

✖ 3. Jal hi dhan hai Abhiyan

✖ 4. Jal Vikas Abhiyan

Question ID : **816161980**
Status : **Answered**
Chosen Option : **1**

Q.25 Who of the following authored the book 'Revolution 2020'?

Ans   ✗ 1. Devdutt Pattnaik

      ✗ 2. Rupa Pai

      ✔ 3. Chetan Bhagat

      ✗ 4. Arvind Kejriwal

> Question ID : **816161973**
> Status : **Answered**
> Chosen Option : **3**

Section : **Quantitative Aptitude**

Q.1 Solve the following expression.

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

Ans   ✔ 1. 131

      ✗ 2. 22

      ✗ 3. 11

      ✗ 4. 121

> Question ID : **816161983**
> Status : **Answered**
> Chosen Option : **1**

Q.2 Solve the following.

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

Ans   ✗ 1. 3

      ✗ 2. 1

      ✗ 3. 2

      ✔ 4. 0

> Question ID : **8161611001**
> Status : **Marked For Review**
> Chosen Option : **4**

Q.3 The value of $(cosecA + cotA + 1)(cosecA - cotA + 1) - 2cosecA$ is:

Ans   ✗ 1. $2cosecA$

      ✗ 2. $4cosecA$

      ✗ 3. 0

      ✔ 4. 2

> Question ID : **8161611000**
> Status : **Answered**
> Chosen Option : **1**

Q.4 If 5 divided the integer n, the remainder is 2. What will be the remainder if 7n is divided by 5?

Ans ✔ 1. 4

✘ 2. 1

✘ 3. 3

✘ 4. 2

Question ID : **816161982**

Status : **Answered**

Chosen Option : **1**

Q.5 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.6 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. 6.2

✘ 2. 6.6

✘ 3. 5.8

✔ 4. 5.4

Question ID : **816161988**

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

Chosen Option : **--**

Q.7 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. 60

✔ 2. 30

✘ 3. 40

✘ 4. 20

Question ID : **816161984**

Status : **Answered**

Chosen Option : **2**

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. 11 km

✓ 2. 10 km

✗ 3. 13 km

✗ 4. 12 km

Question ID : 816161991
Status : **Answered**
Chosen Option : **2**

Q.9 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. April

✗ 3. May

✗ 4. January

Question ID : 8161611003
Status : **Answered**
Chosen Option : **2**

Q.10 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. $\dfrac{5}{36}$

✗ 2. $\dfrac{36}{5}$

✗ 3. $\dfrac{18}{5}$

✓ 4. $\dfrac{5}{18}$

Question ID : 816161993
Status : **Answered**
Chosen Option : **4**

Q.11 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. 14.2 cm

✘ 3. 18 cm

✘ 4. 12.4 cm

Question ID : **816161999**
Status : **Answered**
Chosen Option : **1**

Q.12 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. $\frac{9}{2}$

✘ 2. $-\frac{5}{6}$

✘ 3. $-\frac{9}{2}$

✘ 4. $\frac{5}{6}$

Question ID : **816161994**
Status : **Answered**
Chosen Option : **1**

Q.13 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. 3

✘ 2. 1

✘ 3. 0

✔ 4. 2

Question ID : **816161995**
Status : **Marked For Review**
Chosen Option : **3**

Q.14 A certain sum amounts to ₹280900 in 2 years at 6% per annum, interest compounded annually. The sum is :

Ans

✔ 1. ₹250000

✘ 2. ₹200000

✘ 3. ₹350000

✘ 4. ₹550000

Question ID : **816161989**
Status : **Answered**
Chosen Option : **1**

Q.15 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 : **Answered**
Chosen Option : **2**

Q.16 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. 8

    ✗ 2. 12

    ✗ 3. 6

    ✗ 4. 4

Question ID : **8161611005**
Status : **Answered**
Chosen Option : **1**

Q.17 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. B,A,C

    ✗ 3. C,B,D

    ✔ 4. C,B,A

Question ID : **816161998**
Status : **Marked For Review**
Chosen Option : **4**

Q.18 Find the height of a cuboid whose volume is 330 cm^3 and base area is 15 cm^2.

Ans   ✗ 1. 21 cm

    ✗ 2. 24 cm

    ✔ 3. 22 cm

    ✗ 4. 19 cm

Question ID : **816161992**
Status : **Answered**
Chosen Option : **3**

Q.19 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. $512\,\pi$

✓ 2. $1600\,\pi$

✗ 3. $800\,\pi$

✗ 4. $1024\,\pi$

Question ID : 816161996
Status : **Answered**
Chosen Option : **3**

Q.20 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. 68.32%

✗ 2. 65.32%

✗ 3. 60.32%

✓ 4. 66.32%

Question ID : 8161611006
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.21 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 II

✓ 2. Company I

✗ 3. Company III

✗ 4. Company IV

Question ID : 8161611004
Status : **Answered**
Chosen Option : **2**

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

Ans ✔ 1. 175 cm

✘ 2. 125 cm

✘ 3. 100 cm

✘ 4. 150 cm

Question ID : **816161997**
Status : **Answered**
Chosen Option : **1**

Q.23 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 : **Answered**
Chosen Option : **1**

Q.24 If $5\,cot\theta\,=\,3$, find the value of $\frac{6\,sin\theta\,-\,3\,cos\theta}{7\,sin\theta\,+\,3\,cos\theta}$.

Ans ✘ 1. $\dfrac{11}{40}$

✘ 2. $\dfrac{20}{41}$

✔ 3. $\dfrac{21}{44}$

✘ 4. $\dfrac{44}{21}$

Question ID : **8161611002**
Status : **Answered**
Chosen Option : **3**

Q.25 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. 245 and 54

✗ 2. 255 and 40

✔ 3. 255 and 36

✗ 4. 245 and 45

Section : **English Comprehension**

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

Abort

Ans ✗ 1. Begin

✗ 2. Continue

✔ 3. End

✗ 4. Hate

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

Q.3 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.4 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. this post

✗ 3. soon as possible

✔ 4. send as

Question ID : **8161611008**
Status : **Answered**
Chosen Option : **4**

Q.5 Select the word which means the same as the group of words given.

Having something more than required

Ans ✔ 1. Surplus

✗ 2. Surroundings

✗ 3. Surcharge

✗ 4. Surrogate

Question ID : **8161611027**
Status : **Answered**
Chosen Option : **1**

Q.6 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. Jane asked the boy what is he going to call the puppy.

✗ 3. The boy told Jane what she was going to call her puppy.

✓ 4. The boy asked Jane what she was going to call the puppy.

Question ID : **8161611010**
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 : 7

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

Ans ✗ 1. by

✓ 2. of

✗ 3. from

✗ 4. in

Question ID : **8161611014**
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 : 8

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

Ans ✓ 1. villagers

✗ 2. children

✗ 3. politicians

✗ 4. officers

Question ID : **8161611015**
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 : 9

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

Ans ✗ 1. they

✗ 2. him

✔ 3. them

✗ 4. us

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. from

✗ 2. to

✗ 3. for

✗ 4. by

Question ID : **8161611017**

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 : 11

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

Ans　✗　1. teachers

　　　✗　2. villagers

　　　✗　3. parents

　　　✔　4. children

Question ID : **8161611018**

Status : **Answered**

Chosen Option : **4**

Q.12 **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. Indigenisation

　　　✗　2. Induction

　　　✗　3. Indulgence

　　　✔　4. Indignation

Question ID : **8161611028**

Status : **Answered**

Chosen Option : **4**

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

Exceed

Ans　✗　1. Decrease

　　　✔　2. Surpass

　　　✗　3. Decline

　　　✗　4. Improve

Question ID : **8161611021**

Status : **Answered**

Chosen Option : **2**

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

Blind alley

Ans ✗ 1. A state of deep thought

✗ 2. A person who comes to meet occasionally

✔ 3. A situation in which no further progress can be made

✗ 4. Taking first step after somebody's approach

Question ID : **8161611025**
Status : **Answered**
Chosen Option : **3**

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. BCDA

✗ 2. BCAD

✗ 3. ABCD

✔ 4. CBAD

Question ID : **8161611019**
Status : **Answered**
Chosen Option : **4**

Q.16 Select the INCORRECTLY spelt word.

Ans ✗ 1. Beginning

✔ 2. Guidence

✗ 3. Shining

✗ 4. Soldier

Question ID : **8161611029**
Status : **Answered**
Chosen Option : **1**

Q.17 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. am playing

✗ 2. No improvement

✗ 3. play

✔ 4. was playing

Question ID : **8161611012**
Status : **Answered**
Chosen Option : **4**

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

The acid test

Ans   ✗ 1. A critical situation or crisis

     ✔ 2. A fact, event or situation that proves something

     ✗ 3. An unpleasant or offensive test

     ✗ 4. Throwing acid on someone's face

> Question ID : **8161611026**
> Status : **Answered**
> Chosen Option : **3**

Q.19 In the sentence identify the segment which contains the grammatical error.

Sita has no taste in classical dance.

Ans   ✔ 1. in

     ✗ 2. classical dance

     ✗ 3. Sita has

     ✗ 4. no taste

> Question ID : **8161611007**
> Status : **Answered**
> Chosen Option : **2**

Q.20 Select the most appropriate ANTONYM of the given word.

Mellow

Ans   ✗ 1. Medium

     ✔ 2. Hard

     ✗ 3. Shiny

     ✗ 4. Soft

> Question ID : **8161611024**
> Status : **Answered**
> Chosen Option : **2**

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

Emerge

Ans   ✗ 1. Announce

     ✗ 2. Surface

     ✗ 3. Appear

     ✔ 4. Disappear

> Question ID : **8161611023**
> Status : **Answered**
> Chosen Option : **4**

Q.22 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. pioneering

✘ 2. proud

✘ 3. useless

✘ 4. negligent

Question ID : **8161611032**
Status : **Answered**
Chosen Option : **1**

Q.23 Select the most appropriate option to fill in the blank.

Suzerainty is having political control over a _____ state.

Ans ✘ 1. unified

✘ 2. democratic

✔ 3. dependent

✘ 4. backward

Question ID : **8161611031**
Status : **Answered**
Chosen Option : **2**

Q.24 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 soldiers were ordered by their commander to move forward and attack the enemy camps.

✘ 2. His soldiers were ordered by the commander to be moved forward and attacked the enemy camps.

✘ 3. The commander was ordered by his soldiers to move forward and attack the enemy camps.

✘ 4. The commander ordered his soldiers to be moved forward and attacked the enemy camps.

Question ID : **8161611009**
Status : **Marked For Review**
Chosen Option : **1**

Q.25 Select the INCORRECTLY spelt word.

Ans ✔ 1. Athelete

✘ 2. Convenience

✘ 3. Dilemma

✘ 4. Guarantee

Question ID : **8161611030**
Status : **Answered**
Chosen Option : **2**