

Combined Graduate Level Examination-2019 (Tier-I)

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ Kovilambakkam
Exam Date	06/03/2020
Exam Time	10:00 AM - 11:00 AM
Subject	CGLE Tier I

Section : **General Intelligence and Reasoning**

Q.1 Four words have been given, out of which three are alike in some manner and one is different. Select the odd word.

- Ans**
- ☒ 1. Saxophone
 - ☒ 2. Trumpet
 - ☒ 3. Clarinet
 - ☒ 4. Xylophone

Question ID : **123568318**Status : **Answered**Chosen Option : **4**

Q.2 Select the number that can replace the question mark (?) in the following series.

5, 10, 26, ?, 122, 170

- Ans**
- ☒ 1. 77
 - ☒ 2. 50
 - ☒ 3. 82
 - ☒ 4. 65

Question ID : **123568326**Status : **Answered**Chosen Option : **4**

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

62, 66, 74, 90, ?

- Ans**
- ☒ 1. 116
 - ☒ 2. 120
 - ☒ 3. 106
 - ☒ 4. 122

Question ID : **123568327**Status : **Answered**Chosen Option : **4**

Q.4 Which two signs should be interchanged to make the given equation correct?

$$12 + 81 - 27 \times 9 \div 3 = 36$$

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

Question ID : 123568331

Status : Answered

Chosen Option : 1

Q.5 $A + B$ means 'A is the husband of B';

$A - B$ means 'B is the sister of A';

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

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

If, $P + R \times T - Q \div S + U$, then how is P related to S?

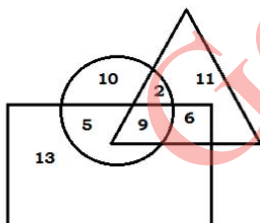
- Ans
- ✗ 1. Uncle
 - ✓ 2. Maternal grandfather
 - ✗ 3. Father-in-law
 - ✗ 4. Paternal grandfather

Question ID : 123568324

Status : Answered

Chosen Option : 4

Q.6 In the given Venn diagram, the 'rectangle' represents 'travellers who like to travel by plane', the 'circle' represents 'travellers who like to travel by bus', and the 'triangle' represents travellers who like to travel by train'. The numbers given in the diagram represent the number of travellers in that particular category.



How many travellers like to travel either by train or plane but NOT by bus?

- Ans
- ✗ 1. 27
 - ✗ 2. 36
 - ✓ 3. 30
 - ✗ 4. 29

Question ID : 123568339

Status : Answered

Chosen Option : 3

Q.7 Select the letter-cluster that can replace the question mark (?) in the following series.

ADG, CGK, EJO, ?, IPW

- Ans
- ☒ 1. GNS
 - ☒ 2. GMS
 - ☒ 3. GMZ
 - ☒ 4. GNZ

Question ID : 123568323

Status : Answered

Chosen Option : 2

Q.8 In a certain code language, 'DKQX' is written as 'WPJC'. How will 'AFKP' be written as in that language?

- Ans
- ☒ 1. ZUPK
 - ☒ 2. ZUQJ
 - ☒ 3. ZVQL
 - ☒ 4. ZTOK

Question ID : 123568321

Status : Answered

Chosen Option : 1

Q.9 Three different positions of the same dice are shown. Select the symbol that will be on the face opposite to the one showing '+'.



- Ans
- ☒ 1. #
 - ☒ 2. \$
 - ☒ 3. *
 - ☒ 4. @

Question ID : 123568335

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.

North : South

- Ans
- ☒ 1. Integrity : Honesty
 - ☒ 2. Frown : Smile
 - ☒ 3. Ductile : Bendable
 - ☒ 4. Whole : Total

Question ID : 123568320

Status : Answered

Chosen Option : 2

Q.11 'Astronomy' is related to 'Stars' in the same way as 'Agronomy' is related to '_____'.
 Ans

- ☒ 1. Mines
- ☒ 2. Emotions
- ☒ 3. Crops
- ☒ 4. Planets

Question ID : 123568319

Status : Answered

Chosen Option : 3

Q.12 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. FBL
 - ☒ 2. DDP
 - ☒ 3. GCV
 - ☒ 4. BJT

Question ID : 123568317

Status : Answered

Chosen Option : 3

Q.13 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 : 123568337

Status : Answered

Chosen Option : 3

Q.14 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 machines are kites.
2. No machine is a pigeon.

Conclusions:

- I. Some machines are pigeons.
- II. All kites are pigeons.
- III. Some kites are not pigeons.

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

Question ID : 123568325

Status : Answered

Chosen Option : 3

Q.15 Arrange the following words in a logical and meaningful order.

1. Quadrillion
2. Quintillion
3. Million
4. Octillion
5. Trillion

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

Question ID : 123568316

Status : Answered

Chosen Option : 4

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

23	5	110
56	9	121
49	3	?

- Ans**
- ✓ 1. 77
 - ✗ 2. 111
 - ✗ 3. 95
 - ✗ 4. 113

Question ID : **123568330**
 Status : **Not Answered**
 Chosen Option : --

Q.17 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. 11 : 121
 - ✗ 2. 17 : 289
 - ✗ 3. 13 : 169
 - ✓ 4. 15 : 250

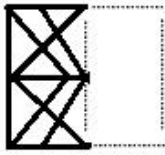
Question ID : **123568328**
 Status : **Answered**
 Chosen Option : 4

Q.18 Select the option that depicts how the given transparent sheet of paper would appear if it is folded at the dotted line.

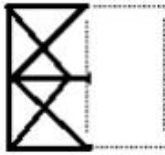


Ans

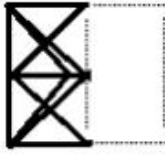
☒ 1.



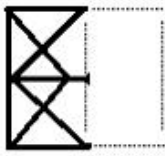
☒ 2.



☒ 3.



☒ 4.



Question ID : 123568338

Status : Answered

Chosen Option : 3

Q.19 In a certain group of men and horses, the total number of legs is 14 more than twice the number of heads. How many horses are there in the group?

Ans

☒ 1. 7

☒ 2. 11

☒ 3. 5

☒ 4. 9

Question ID : 123568332

Status : Answered

Chosen Option : 1

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

A, E, I, ?, Q, U

Ans

☒ 1. O

☒ 2. K

☒ 3. N

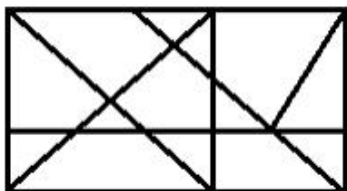
☒ 4. M

Question ID : 123568315

Status : Answered

Chosen Option : 4

Q.21 How many triangles are there in the given figure?



- Ans
- ☒ 1. 28
 - ☒ 2. 22
 - ☒ 3. 16
 - ☒ 4. 25

Question ID : 123568334
Status : Answered
Chosen Option : 2

Q.22 In a certain code language, 'PAGE' is coded as '161495'. How will 'PART' be coded as in that language?

- Ans
- ☒ 1. 16125020
 - ☒ 2. 16128620
 - ☒ 3. 16132420
 - ☒ 4. 16136220

Question ID : 123568322
Status : Answered
Chosen Option : 3

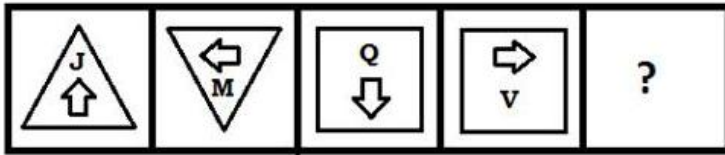
Q.23 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

15	3	24
21	6	30
49	5	?

- Ans
- ☒ 1. 98
 - ☒ 2. 88
 - ☒ 3. 92
 - ☒ 4. 82

Question ID : 123568329
Status : Answered
Chosen Option : 2

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



Ans

✗ 1.



✓ 2.



✗ 3.



✗ 4.

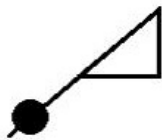


Question ID : 123568333

Status : Answered

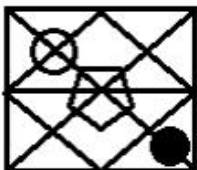
Chosen Option : 2

Q.25 Select the option in which the given figure is embedded (rotation is not allowed).

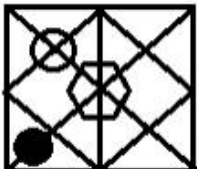


Ans

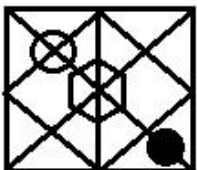
✗ 1.



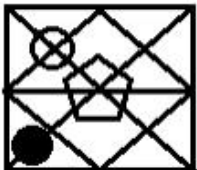
✗ 2.



✗ 3.



✓ 4.



Question ID : 123568336

Status : Answered

Chosen Option : 4

Section : General Awareness

Q.1 Which of the following is the primary sex organ in females?

Ans

✗ 1. Uterus

✓ 2. Ovary

✗ 3. Vagina

✗ 4. Fallopian tube

Question ID : 123568345

Status : Answered

Chosen Option : 2

Q.2 Which of the following diseases is NOT transmitted from one person to another?

- Ans ☒ 1. Cirrhosis
☐ 2. AIDS
☐ 3. Hepatitis B
☐ 4. Syphilis

Question ID : 123568346
Status : Answered
Chosen Option : 3

Q.3 Which International organisation released the 'World Energy Outlook 2019' Report?

- Ans ☐ 1. United Nations
☒ 2. International Energy Agency
☐ 3. World Trade Organisation
☐ 4. UNESCO

Question ID : 123568362
Status : Answered
Chosen Option : 2

Q.4 The Supreme Court has declared access to the internet a fundamental right under Article _____ of the Indian Constitution.

- Ans ☒ 1. 19
☐ 2. 14
☐ 3. 21
☐ 4. 17

Question ID : 123568358
Status : Answered
Chosen Option : 1

Q.5 Name the Indian wrestler who has been named the Junior Freestyle Wrestler of the year (2019) by United World Wrestling (UWW).

- Ans ☐ 1. B.P. Raju
☐ 2. Kamareddy
☐ 3. Amita Bagchi
☒ 4. Deepak Punia

Question ID : 123568357
Status : Answered
Chosen Option : 4

Q.6 UN Women propose to partner with _____ gender park with an aim to secure gender parity in South Asia.

- Ans
- ☒ 1. Kerala's
 - ☐ 2. Rajasthan's
 - ☐ 3. Punjab's
 - ☐ 4. Haryana's

Question ID : 123568364
Status : Answered
Chosen Option : 4

Q.7 Which of the following is a natural flame retardant?

- Ans
- ☐ 1. RNA
 - ☐ 2. Skin
 - ☒ 3. DNA
 - ☐ 4. Flowers

Question ID : 123568348
Status : Answered
Chosen Option : 1

Q.8 Merchant discount rate refers to _____.

- Ans
- ☐ 1. the total discount a bank offers to the merchant for promoting online transactions
 - ☒ 2. the rate charged to a merchant for payment processing services on debit and credit card transactions
 - ☐ 3. the total discount a merchant offers on online transactions
 - ☐ 4. only taxes that a digital payment entails

Question ID : 123568342
Status : Answered
Chosen Option : 2

Q.9 Alyssa Healy who created a world record by becoming the highest scorer in women's T20I, belongs to _____.

- Ans
- ☐ 1. Japan
 - ☐ 2. India
 - ☐ 3. Canada
 - ☒ 4. Australia

Question ID : 123568361
Status : Answered
Chosen Option : 4

Q.10 In the sequence of planets in the Solar system, which planet comes in between Mercury and Earth?

- Ans
- ☒ 1. Uranus
 - ☒ 2. Venus
 - ☒ 3. Jupiter
 - ☒ 4. Mars

Question ID : 123568351
Status : Answered
Chosen Option : 2

Q.11 The SDG India index is developed by _____.

- Ans
- ☒ 1. Ministry of Home Affairs
 - ☒ 2. World Bank
 - ☒ 3. Ministry of Environmental, Forests and Climate Change
 - ☒ 4. NITI Aayog

Question ID : 123568359
Status : Answered
Chosen Option : 4

Q.12 Who performs the task of capturing oxygen in the blood?

- Ans
- ☒ 1. Chlorophyll
 - ☒ 2. Haemoglobin
 - ☒ 3. Red blood cells
 - ☒ 4. White blood cells

Question ID : 123568344
Status : Answered
Chosen Option : 2

Q.13 If the inflation in an economy is rising steadily, the Central Bank might _____.

- Ans
- ☒ 1. keep the repo rate unchanged
 - ☒ 2. decrease the repo rate
 - ☒ 3. increase the repo rate
 - ☒ 4. decrease the reverse repo rate

Question ID : 123568343
Status : Answered
Chosen Option : 2

Q.14 Name the only metal that is antibacterial.

- Ans
- ☒ 1. Iron
 - ☒ 2. Sodium
 - ☒ 3. Copper
 - ☒ 4. Aluminium

Question ID : 123568347
Status : Answered
Chosen Option : 3

Q.15 On which river and in which state is the Jayakwadi dam situated?

- Ans
- ☒ 1. Periyar river - Kerala
 - ☒ 2. Banas river - Rajasthan
 - ☒ 3. Ravi river - Punjab
 - ☒ 4. Godavari river - Maharashtra

Question ID : 123568349
Status : Answered
Chosen Option : 4

Q.16 Who is the first General of the Indian Army, whose retirement day is celebrated as the 'Armed Forces Veterans Day' every year?

- Ans
- ☒ 1. General K.S. Thimayya
 - ☒ 2. General S.M. Srinagesh
 - ☒ 3. General Maharaj Rajendra Sinhji
 - ☒ 4. General K. M. Cariappa

Question ID : 123568363
Status : Answered
Chosen Option : 1

Q.17 Which Indian journalist was honoured with India's Most Powerful Woman in Media Award during the prestigious Confluence Excellence Award ceremony held in the British parliament on 27 September 2019?

- Ans
- ☒ 1. Kalli Puri
 - ☒ 2. Anubha Bhonsle
 - ☒ 3. Sunetra Chaudhary
 - ☒ 4. Sona Choudhary

Question ID : 123568356
Status : Answered
Chosen Option : 2

Q.18 Which of the following gases is consistently seen to be most abundant in a volcanic eruption?

- Ans ☒ 1. Water vapour
☐ 2. Carbon Dioxide
☐ 3. Sulphur Dioxide
☐ 4. Hydrogen Sulphide

Question ID : 123568350
Status : Answered
Chosen Option : 3

Q.19 Mehrunnisa who was known as Nur Jahan was the wife of _____.

- Ans ☒ 1. Jahangir
☐ 2. Shah Jahan
☐ 3. Akbar
☐ 4. Aurangzeb

Question ID : 123568353
Status : Answered
Chosen Option : 1

Q.20 Which leader gave us the C R Formula?

- Ans ☐ 1. Tilak
☐ 2. C. R. Das
☐ 3. Mahatma Gandhi
☒ 4. C. Rajagopalachari

Question ID : 123568354
Status : Answered
Chosen Option : 4

Q.21 Which of the following is the first South Asian country to call match-fixing a crime?

- Ans ☐ 1. Pakistan
☐ 2. India
☒ 3. Sri Lanka
☐ 4. Nepal

Question ID : 123568360
Status : Answered
Chosen Option : 3

Q.22 To which of the following Indian states does Mardani Khel, one of the famous martial art forms in India belong?

- Ans ☒ 1. Maharashtra
☐ 2. Rajasthan
☐ 3. Uttar Pradesh
☐ 4. Madhya Pradesh

Question ID : 123568340
Status : Answered
Chosen Option : 4

Q.23 In which year did D.C. Sircar publish Indian Epigraphy and Indian Epigraphical Glossary?

- Ans ☐ 1. 1966-67
☐ 2. 1967-68
☒ 3. 1965-66
☐ 4. 1964-65

Question ID : 123568355
Status : Answered
Chosen Option : 1

Q.24 Madhavpur Mela takes place in _____.

- Ans ☐ 1. Uttar Pradesh
☐ 2. Maharashtra
☐ 3. Madhya Pradesh
☒ 4. Gujarat

Question ID : 123568341
Status : Answered
Chosen Option : 3

Q.25 When did the Vikrama Era begin?

- Ans ☒ 1. 57 BC
☐ 2. 55 BC
☐ 3. 50 BC
☐ 4. 47 BC

Question ID : 123568352
Status : Answered
Chosen Option : 1

Section : Quantitative Aptitude

Q.1 Two tangents PA and PB are drawn to a circle with centre O from an external point P. If $\angle OAB = 30^\circ$, then $\angle APB$ is:

- Ans
- ☒ 1. 120°
 - ☒ 2. 30°
 - ☒ 3. 15°
 - ☒ 4. 60°

Question ID : 123568380

Status : Answered

Chosen Option : 2

Q.2 ABC is an equilateral triangle. P, Q and R are the midpoints of sides AB, BC and CA, respectively. If the length of the side of the triangle ABC is 8 cm, then the area of ΔPQR is:

- Ans
- ☒ 1. $\frac{\sqrt{3}}{3} \text{ cm}^2$
 - ☒ 2. $\frac{\sqrt{3}}{4} \text{ cm}^2$
 - ☒ 3. $4\sqrt{3} \text{ cm}^2$
 - ☒ 4. $8\sqrt{3} \text{ cm}^2$

Question ID : 123568381

Status : Answered

Chosen Option : 3

Q.3 Solve the following.

$$\frac{\sin 40^\circ}{\cos 50^\circ} + \frac{\operatorname{cosec} 50^\circ}{\sec 40^\circ} - 4 \cos 50^\circ \operatorname{cosec} 40^\circ$$

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

Question ID : 123568385

Status : Answered

Chosen Option : 2

Q.4 The average of the marks of 30 boys is 88, and when the top two scores were excluded, the average marks reduced to 87.5. If the top two scores differ by 2, then the highest mark is:

- Ans
- ☒ 1. 92
 - ☒ 2. 96
 - ☒ 3. 94
 - ☒ 4. 90

Question ID : 123568367

Status : Answered

Chosen Option : 2

Q.5 If $x \cos A - y \sin A = 1$ and $x \sin A + y \cos A = 4$, then the value of $17x^2 + 17y^2$ is:

- Ans**
- ☒ 1. 0
 - ☒ 2. 7
 - ☒ 3. 49
 - ☒ 4. 289

Question ID : 123568384

Status : Answered

Chosen Option : 4

Q.6 A circular disc of area $0.64\pi \text{ m}^2$ rolls down a length of 1.408 km. The number of revolutions it makes is:

(Take $\pi = \frac{22}{7}$)

- Ans**
- ☒ 1. 280
 - ☒ 2. 360
 - ☒ 3. 140
 - ☒ 4. 180

Question ID : 123568379

Status : Answered

Chosen Option : 1

Q.7 An article was sold at a gain of 18%. If it had been sold for ₹49 more, then the gain would have been 25%. The cost price of the article is:

- Ans**
- ☒ 1. ₹700
 - ☒ 2. ₹570
 - ☒ 3. ₹650
 - ☒ 4. ₹890

Question ID : 123568370

Status : Answered

Chosen Option : 1

Q.8 If $3^a = 27^b = 81^c$ and $abc = 144$, then the value of $12\left(\frac{1}{a} + \frac{1}{2b} + \frac{1}{5c}\right)$ is:

Ans

☒ 1. $\frac{18}{120}$

☒ 2. $\frac{18}{10}$

☒ 3. $\frac{33}{10}$

☒ 4. $\frac{17}{120}$

Question ID : 123568377

Status : Answered

Chosen Option : 3

Q.9 If $a + b + c = 9$ and $ab + bc + ca = -22$, then the value of $a^3 + b^3 + c^3 - 3abc$ is:

Ans

☒ 1. 783

☒ 2. 1323

☒ 3. 1571

☒ 4. 487

Question ID : 123568376

Status : Answered

Chosen Option : 2

Q.10 A shopkeeper marks the price of an article in such a way that after allowing a discount of 22%, he gets a gain of 11%. If the marked price is ₹888, then the cost price of the article is:

Ans

☒ 1. ₹624

☒ 2. ₹782

☒ 3. ₹550

☒ 4. ₹895

Question ID : 123568368

Status : Answered

Chosen Option : 1

Q.11 In the following table, the production of various crops (in tonnes) is given from 2015 to 2019. Study the table and answer the questions that follow.

Year	Rice	Wheat	Sugarcane	Barley	Maize
2015	415	2500	1000	975	490
2016	520	4218	1120	825	520
2017	585	3482	1250	700	610
2018	625	4500	1325	625	725
2019	600	3300	1450	775	840

The percentage growth of maize in the year 2019 over the year 2015 is:
(correct to two decimal places)

- Ans
- ☒ 1. 65.12%
 - ☒ 2. 71.43%
 - ☒ 3. 77.77%
 - ☒ 4. 60.28%

Question ID : 123568386

Status : Answered

Chosen Option : 2

Q.12 If the area of an equilateral triangle is $36\sqrt{3} \text{ cm}^2$, then the perimeter of the triangle is:

- Ans
- ☒ 1. $36\sqrt{3} \text{ cm}$
 - ☒ 2. 36 cm
 - ☒ 3. $18\sqrt{3} \text{ cm}$
 - ☒ 4. 12 cm

Question ID : 123568382

Status : Answered

Chosen Option : 2

Q.13 If the value of $(a+b-2)^2 + (b+c-5)^2 + (c+a-5)^2 = 0$, then the value of $\sqrt{(b+c)^a + (c+a)^b - 1}$ is:

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

Question ID : 123568378

Status : Answered

Chosen Option : 3

Q.14 If $(2 \sin A + \operatorname{cosec} A) = 2\sqrt{2}$, $0^\circ < A < 90^\circ$, then the value of $2(\sin^4 A + \cos^4 A)$ is:

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

Question ID : 123568383

Status : Answered

Chosen Option : 2

Q.15 In the following table, the production of various crops (in tonnes) is given from 2015 to 2019. Study the table and answer the questions that follow.

Year	Rice	Wheat	Sugarcane	Barley	Maize
2015	415	2500	1000	975	490
2016	520	4218	1120	825	520
2017	585	3482	1250	700	610
2018	625	4500	1325	625	725
2019	600	3300	1450	775	840

The average production of wheat (in tonnes) in the period given in the table is:

- Ans
- ☒ 1. 3600
 - ☐ 2. 3482
 - ☐ 3. 3300
 - ☐ 4. 4218

Question ID : 123568387

Status : Answered

Chosen Option : 1

Q.16 A, B and C can individually complete a task in 24 days, 20 days and 18 days, respectively. B and C start the task, and they work for 6 days and leave. The number of days required by A alone to finish the remaining task, is:

- Ans
- ☐ 1. $15\frac{2}{3}$ days
 - ☐ 2. $12\frac{1}{2}$ days
 - ☒ 3. $8\frac{4}{5}$ days
 - ☐ 4. 10 days

Question ID : 123568373

Status : Answered

Chosen Option : 3

Q.17 What will be the difference in compound interest on a sum of ₹7,800 at 8% for 1 year, when the interest is paid yearly and half yearly?

- Ans  1. ₹29.18
 2. ₹12.48
 3. ₹24.72
 4. ₹19.46

Question ID : 123568372

Status : Answered

Chosen Option : 2

Q.18 In the following table, the production of various crops (in tonnes) is given from 2015 to 2019. Study the table and answer the questions that follow.

Year	Rice	Wheat	Sugarcane	Barley	Maize
2015	415	2500	1000	975	490
2016	520	4218	1120	825	520
2017	585	3482	1250	700	610
2018	625	4500	1325	625	725
2019	600	3300	1450	775	840

The difference (in tonnes) between the average production of barley and average production of rice is:

- Ans  1. 231
 2. 780
 3. 549
 4. 471

Question ID : 123568388

Status : Answered

Chosen Option : 1

Q.19 If '+' means '-', '-' means '+', '×' means '÷' and '÷' means '×', then the value of $\frac{[(30 \times 5) + (84 \times 6)] \div 5}{\left[\frac{2}{3} + 18\right] - [4 \div 2]}$ is:

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

Question ID : 123568366

Status : Answered

Chosen Option : 1

Q.20 A student takes 1.25 hours to travel from home to school at a speed of 4 km/h. By what percentage should he increase his speed to reduce the time by 25% to cover the same distance from school to home?

- Ans**
- ☒ 1. $33\frac{1}{3}\%$
 - ☐ 2. 50%
 - ☐ 3. 45%
 - ☐ 4. 25%

Question ID : 123568374
Status : Answered
Chosen Option : 1

Q.21 If a sum of ₹1,180 is to be divided among A, B and C, such that 2 times A's share, 5 times B's share and 7 times C's share, are equal, then A's share is:

- Ans**
- ☐ 1. ₹500
 - ☐ 2. ₹750
 - ☐ 3. ₹650
 - ☒ 4. ₹700

Question ID : 123568371
Status : Answered
Chosen Option : 4

Q.22 If the number $687x29$ is divisible by 9, then the value of $2x$ is:

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

Question ID : 123568365
Status : Answered
Chosen Option : 1

Q.23 The population of a city increased by 30% in the first year and decreased by 15% in the next year. If the present population is 11,050 then the population 2 years ago was:

- Ans**
- ☒ 1. 10,000
 - ☐ 2. 99,500
 - ☐ 3. 99,000
 - ☐ 4. 10,050

Question ID : 123568369
Status : Answered
Chosen Option : 1

Q.24 In the following table, the production of various crops (in tonnes) is given from 2015 to 2019. Study the table and answer the questions that follow.

Year	Rice	Wheat	Sugarcane	Barley	Maize
2015	415	2500	1000	975	490
2016	520	4218	1120	825	520
2017	585	3482	1250	700	610
2018	625	4500	1325	625	725
2019	600	3300	1450	775	840

The highest growth of sugarcane production over its previous year is recorded in the year:

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

Question ID : 123568389

Status : Answered

Chosen Option : 4

Q.25 A metallic sphere of diameter 40 cm is melted into smaller spheres of radius 0.5 cm. How many such small balls can be made?

- Ans
- ☒ 1. 32,000
 - ☒ 2. 3200
 - ☒ 3. 64,000
 - ☒ 4. 6400

Question ID : 123568375

Status : Answered

Chosen Option : 4

Section : English Comprehension

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

Persist

- Ans
- ☒ 1. Remain
 - ☒ 2. Cease
 - ☒ 3. Insist
 - ☒ 4. Continue

Question ID : 123568407

Status : Answered

Chosen Option : 2

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

Having two opposing feelings at the same time

- Ans
- ☒ 1. Equivalent
 - ☒ 2. Coinciding
 - ☒ 3. Contemporary
 - ☒ 4. Ambivalent

Question ID : 123568411

Status : Answered

Chosen Option : 4

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.

We came back because we had ran out of money.

- Ans
- ☒ 1. No improvement
 - ☒ 2. we have ran
 - ☒ 3. we had run
 - ☒ 4. we run

Question ID : 123568394

Status : Answered

Chosen Option : 3

Q.4 Identify the segment in the sentence which contains the grammatical error. If there is no error, select 'No error'

Those who are late they will not be allowed inside the classroom.

- Ans
- ☒ 1. Those who are late
 - ☒ 2. they will not be allowed
 - ☒ 3. inside the classroom
 - ☒ 4. No error

Question ID : 123568390

Status : Answered

Chosen Option : 2

Q.5 Select the correct indirect form of the given sentence.

"What a rare flower!" she said.

- Ans
- ☒ 1. She exclaimed what a rare flower it is.
 - ☒ 2. She exclaimed that it was a very rare flower.
 - ☒ 3. She asked if it was a rare flower.
 - ☒ 4. She told that what a rare flower it was.

Question ID : 123568393

Status : Answered

Chosen Option : 2

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

The farmer is ploughing the fields.

- Ans ☒ 1. The fields have been ploughed by the farmer.
- ☒ 2. The fields are being ploughed by the farmer.
- ☒ 3. The fields were ploughed by the farmer.
- ☒ 4. The fields are ploughed by the farmer.

Question ID : 123568392

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.

Atlas was made to hold the sky up on his shoulders as a punishment. Once, Hercules (1)_____ to hold it for Atlas while the latter went looking (2)_____ golden apples. When Atlas returned, he saw Hercules (3)_____ hard to hold the sky. The weight of the sky (4)_____ Hercules sweat and groan. Now Atlas did not want to (5)_____ a job as arduous as that!

SubQuestion No : 7

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

- Ans ☒ 1. afforded
- ☒ 2. offered
- ☒ 3. extended
- ☒ 4. ordered

Question ID : 123568397

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.

Atlas was made to hold the sky up on his shoulders as a punishment. Once, Hercules (1)_____ to hold it for Atlas while the latter went looking (2)_____ golden apples. When Atlas returned, he saw Hercules (3)_____ hard to hold the sky. The weight of the sky (4)_____ Hercules sweat and groan. Now Atlas did not want to (5)_____ a job as arduous as that!

SubQuestion No : 8

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

- Ans ☒ 1. at
- ☒ 2. for
- ☒ 3. on
- ☒ 4. after

Question ID : 123568398

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.

Atlas was made to hold the sky up on his shoulders as a punishment. Once, Hercules (1)_____ to hold it for Atlas while the latter went looking (2)_____ golden apples. When Atlas returned, he saw Hercules (3)_____ hard to hold the sky. The weight of the sky (4)_____ Hercules sweat and groan. Now Atlas did not want to (5)_____ a job as arduous as that!

SubQuestion No : 9

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

- Ans ☒ 1. tackling
☒ 2. struggling
☒ 3. seeking
☒ 4. coping

Question ID : 123568399

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.

Atlas was made to hold the sky up on his shoulders as a punishment. Once, Hercules (1)_____ to hold it for Atlas while the latter went looking (2)_____ golden apples. When Atlas returned, he saw Hercules (3)_____ hard to hold the sky. The weight of the sky (4)_____ Hercules sweat and groan. Now Atlas did not want to (5)_____ a job as arduous as that!

SubQuestion No : 10

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

- Ans ☒ 1. make
☒ 2. were making
☒ 3. was making
☒ 4. has made

Question ID : 123568400

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.

Atlas was made to hold the sky up on his shoulders as a punishment. Once, Hercules (1)_____ to hold it for Atlas while the latter went looking (2)_____ golden apples. When Atlas returned, he saw Hercules (3)_____ hard to hold the sky. The weight of the sky (4)_____ Hercules sweat and groan. Now Atlas did not want to (5)_____ a job as arduous as that!

SubQuestion No : 11

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

- Ans
- ☒ 1. take out
 - ☒ 2. take in
 - ☒ 3. take away
 - ☒ 4. take back

Question ID : 123568401

Status : Answered

Chosen Option : 4

Q.12 Select the most appropriate meaning of the given idiom.

Chicken-hearted

- Ans
- ☒ 1. Cowardly
 - ☒ 2. Generous
 - ☒ 3. Miserly
 - ☒ 4. Selfish

Question ID : 123568409

Status : Answered

Chosen Option : 1

Q.13 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

- A. The mountain range was covered with snow.
- B. Napoleon had to cross the Alps in winter.
- C. Napoleon replied that the word 'impossible' did not exist for him.
- D. So, someone told Napoleon that the task was impossible.

- Ans
- ☒ 1. DBCA
 - ☒ 2. BADC
 - ☒ 3. ADBC
 - ☒ 4. BDCA

Question ID : 123568402

Status : Answered

Chosen Option : 2

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

Preferred

- Ans
- ☒ 1. Adored
 - ☒ 2. Favoured
 - ☒ 3. Feared
 - ☒ 4. Compared

Question ID : 123568404
Status : Answered
Chosen Option : 2

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

Ovation

- Ans
- ☒ 1. Creation
 - ☒ 2. Applause
 - ☒ 3. Preparation
 - ☒ 4. Censure

Question ID : 123568405
Status : Answered
Chosen Option : 2

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

She _____ how the magician had performed the rope trick.

- Ans
- ☒ 1. puzzled
 - ☒ 2. bewildered
 - ☒ 3. suspected
 - ☒ 4. wondered

Question ID : 123568415
Status : Answered
Chosen Option : 4

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.

When it started raining, I ran to the nearer house for shelter.

- Ans
- ☒ 1. the nearest house
 - ☒ 2. a near house
 - ☒ 3. the near house
 - ☒ 4. No improvement

Question ID : 123568395
Status : Answered
Chosen Option : 1

Q.18 Select the INCORRECTLY spelt word.

- Ans ☒ 1. Abandon
☒ 2. Acquaintence
☒ 3. Alliance
☒ 4. Acquisition

Question ID : 123568413
Status : Answered
Chosen Option : 2

Q.19 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

- A. Much of this war had taken place along the Western Front.
B. Both sides had dug in deep and each lost many men over little ground.
C. This front was a line of trenches across which the two sides faced each other.
D. Andre Maginot had fought a war with the French against the Germans.

- Ans ☒ 1. BCDA
☒ 2. ACDB
☒ 3. DACB
☒ 4. DBCA

Question ID : 123568403
Status : Answered
Chosen Option : 3

Q.20 Select the most appropriate meaning of the given idiom.

By and by

- Ans ☒ 1. Suddenly
☒ 2. Gradually
☒ 3. On the whole
☒ 4. By any means

Question ID : 123568408
Status : Answered
Chosen Option : 2

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

Glee

- Ans ☒ 1. Bliss
☒ 2. Joy
☒ 3. Fun
☒ 4. Woe

Question ID : 123568406
Status : Answered
Chosen Option : 4

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

Everyone except she have travelled by air.

- Ans
- ☒ 1. travelled by air
 - ☒ 2. she have
 - ☒ 3. No error
 - ☒ 4. Everyone except

Question ID : 123568391

Status : Answered

Chosen Option : 2

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

The roof of the old building ____ during the storm.

- Ans
- ☒ 1. collapsed
 - ☒ 2. scratched
 - ☒ 3. destroyed
 - ☒ 4. demolished

Question ID : 123568414

Status : Answered

Chosen Option : 1

Q.24 Select the option that can be used as a one-word substitute for the given group of words/phrase.

A group of ships

- Ans
- ☒ 1. fleet
 - ☒ 2. squad
 - ☒ 3. colony
 - ☒ 4. swarm

Question ID : 123568410

Status : Answered

Chosen Option : 1

Q.25 Select the wrongly spelt word.

- Ans
- ☒ 1. Piece
 - ☒ 2. Fierce
 - ☒ 3. Sieze
 - ☒ 4. Grief

Question ID : 123568412

Status : Answered

Chosen Option : 3