Combined Graduate Level Examination 2020 Tier-I
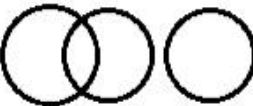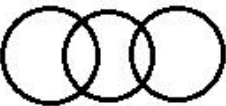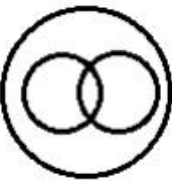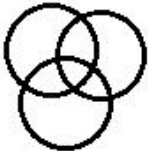
Roll Number	
Candidate Name	
Venue Name	Skymoon IT Point Pvt. Ltd
Exam Date	17/08/2021
Exam Time	9:00 AM - 10:00 AM
Subject	Combined Graduate Level Examination 2020 Tier 1

Section : **General Intelligence and Reasoning**

Q.1 Select the Venn diagram that best illustrates the relationship between the following classes.

Brothers, Fathers, Tax-payers

Ans

✗ 1.

✗ 2.

✗ 3.

✔ 4.

Question ID : **81616113741**

Status : **Answered**

Chosen Option : **4**

Q.2 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

WUW, TSV, QQU, NOT, ?

Ans   ✗ 1. MNS

   ✗ 2. JNT

   ✗ 3. LNT

   ✔ 4. KMS

Question ID : **81616112404**

Status : **Answered**

Chosen Option : **4**

Q.3 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?
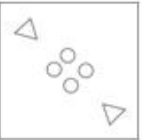

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.

Question ID : **81616112427**

Status : **Answered**

Chosen Option : **1**

Q.4 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. 182 : 12

✘ 2. 305 : 16

✘ 3. 239 : 14

✘ 4. 461 : 20

Question ID : **81616113528**

Status : **Answered**

Chosen Option : **1**

Q.5 Four words have been given, out of which three are alike in some manner and one is different. Select the word that is different.

Ans ✔ 1. Tranquillity

✘ 2. Agitation

✘ 3. Contention

✘ 4. Turmoil

Question ID : **81616113518**

Status : **Answered**

Chosen Option : **1**

Q.6 In a certain code language, 'MARGIN' is written as 'SBNOJH'. How will 'PRAYER' be written in that language?

Ans ✗ 1. BSQZFS

✗ 2. QSBSFZ

✗ 3. BSQQFZ

✓ 4. BSQSFZ

Question ID : **81616113723**

Status : **Answered**

Chosen Option : **4**

Q.7 Select the option that is related to the fourth number in the same way as the first number is related to the second number and the fifth number is related to the sixth number.

1008 : 8 :: ? : 6 :: 220 : 4

Ans ✓ 1. 518

✗ 2. 350

✗ 3. 443

✗ 4. 524

Question ID : **81616113729**

Status : **Answered**

Chosen Option : **2**

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

P, N, J, H, ?

Ans ✗ 1. B

✓ 2. D

✗ 3. E

✗ 4. C

Question ID : **81616112412**

Status : **Answered**

Chosen Option : **2**

Q.9 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Introduce
2. Internship
3. Interaction
4. Interjection
5. Intervene
6. Interruption

Ans ✗ 1. 3, 2, 4, 6, 5, 1

✓ 2. 3, 4, 2, 6, 5, 1

✗ 3. 3, 4, 2, 6, 1, 5

✗ 4. 3, 4, 2, 5, 6, 1

Question ID : **81616114021**

Status : **Answered**

Chosen Option : **2**

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

24, 48, 51, 204, 209, ?

Ans   ✖ 1. 1047

   ✖ 2. 416

   ✖ 3. 215

   ✔ 4. 1254

Question ID : **81616114031**

Status : **Answered**

Chosen Option : **4**

Q.11 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

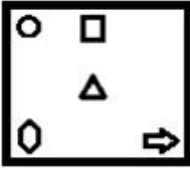**Ans**   ✖ 1. LQW

   ✔ 2. PUB

   ✖ 3. TYE

   ✖ 4. NSY

Question ID : **81616114022**

Status : **Answered**

Chosen Option : **2**

Q.12 Select the figure from among the given options that can replace the question mark (?) in the following series.

Ans

✗ 1.

✗ 2.

✔ 3.

✗ 4.
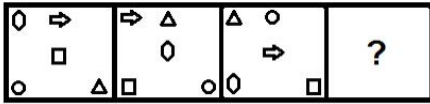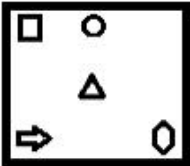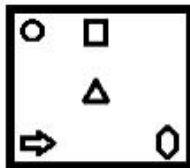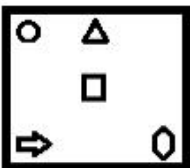
Question ID : **81616114038**
Status : **Not Answered**
Chosen Option : **--**

Q.13 Select the option in which the words share the same relationship as that shared by the given pair of words.

Cricket : Shikhar Dhawan

Ans ✔ 1. Boxing : Mary Kom

✗ 2. Wrestling : Dipa Karmakar

✗ 3. Chess : Saina Nehwal

✗ 4. Kabaddi : Rani Rampal

Question ID : **81616112409**
Status : **Answered**
Chosen Option : **1**

Q.14 Select the options in which the numbers are related in the same way as are the numbers of the following set.

(541, 14, 737)

Ans ✗ 1. (832, 8, 895)

✗ 2. (635, 18, 924)

✓ 3. (697, 13, 866)

✗ 4. (432, 25, 1108)

Q.15 Find the number of triangles in the given figure.

Ans ✗ 1. 20

✗ 2. 22

✗ 3. 23

✓ 4. 24

Q.16 Two different positions of the same dice are shown, the six faces of which are marked from A to F. Select the letter that will be on the face opposite to the face showing the letter 'C'.

Ans ✗ 1. A

✗ 2. D

✓ 3. B

✗ 4. F
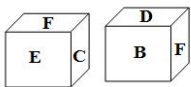
Q.17 Rajesh purchased 6 mangoes, 3 bananas and 10 guavas in ₹136. If the ratio of the cost (per piece) of mangoes, bananas and guavas is 3 : 2 : 1, what will be the total cost of 1 mango, 2 bananas and 3 guavas?

Ans
  ✗ 1. ₹38

  ✗ 2. ₹27

  ✓ 3. ₹40

  ✗ 4. ₹46

Q.18 In a certain code language, 'REASON' is coded as '5410219' and 'HEALTHY' is coded as '716231216'.How will 'DIVULGE' be coded in that language?

Ans
  ✗ 1. 10733494

  ✗ 2. 24134383

  ✗ 3. 13704349

  ✓ 4. 21433438

Q.19 Select the option in which the given figure is embedded (rotation is NOT allowed).

Ans

✗ 1.

✗ 2.

✗ 3.

✔ 4.
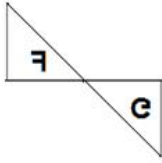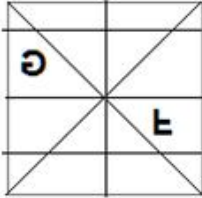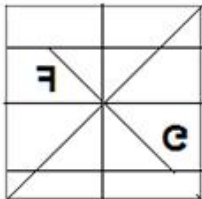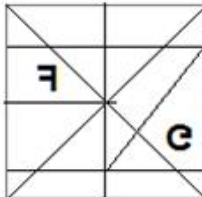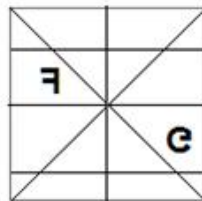
Question ID : **81616112425**

Status : **Answered**

Chosen Option : **4**

Q.20 Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the equation.

1496 * 8 * 13 * 40 * 5 * 0

Ans ✔ 1. ÷, +, −, ×, =

✗ 2. ÷, ×, =, +, −

✗ 3. ÷, −, +, ×, =

✗ 4. ÷, +, =, −, ×

Question ID : **81616113531**

Status : **Answered**

Chosen Option : **1**

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

(15, 315, 7)

Ans ✗ 1. (14, 197, 4)

✗ 2. (11, 188, 6)

✓ 3. (18, 486, 9)

✗ 4. (17, 401, 12)

Q.22 P is the brother of Q. S is the father of P. R is the brother of S. If T is the mother of R, then how is P related to T?

Ans ✓ 1. Grandson

✗ 2. Father

✗ 3. Brother

✗ 4. Uncle

Q.23 Select the option that is related to the third word in the same way as the second word is related to the first word.

Cartridge : Printer :: Motherboard : ?

Ans ✓ 1. Central Processing Unit

✗ 2. Machine

✗ 3. Monitor

✗ 4. Keyboard

Q.24 Select the correct mirror image of the given figure when the mirror is placed at 'AB' as shown.

Ans

1.

2.

3.

4.
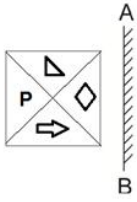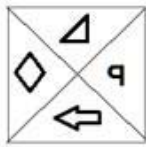
Question ID : **81616112426**
Status : **Answered**
Chosen Option : **1**

Q.25 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:
Some cards are postcards.
Some cards are envelopes.
All envelopes are copies.

Conclusions:
I. Some copies are envelopes.
II. Some postcards are copies.
III. Some cards are copies.

Ans ✔ 1. Only conclusions I and III follow

✘ 2. Only conclusions II and III follow

✘ 3. Only conclusion I follows

✘ 4. Only conclusions I and II follow

Question ID : **81616113727**
Status : **Answered**
Chosen Option : **1**

Section : **General Awareness**

Q.1 Which of the following elements' salts are most soluble?

Ans ✗ 1. Lithium

✗ 2. Rubidium

✓ 3. Sodium

✗ 4. Potassium

Question ID : **81616112437**

Status : **Answered**

Chosen Option : **2**

Q.2 In which of the following states is the Bhitarkanika National Park situated?

Ans ✗ 1. Goa

✗ 2. Meghalaya

✓ 3. Odisha

✗ 4. Kerala

Question ID : **81616113549**

Status : **Answered**

Chosen Option : **3**

Q.3 Whose administration became a model that was followed by Akbar when he consolidated the Mughal Empire?

Ans ✗ 1. Iltutmish

✗ 2. Bahlul Lodi

✗ 3. Ghiyas ud din Balban

✓ 4. Sher Shah Suri

Question ID : **81616113757**

Status : **Answered**

Chosen Option : **4**

Q.4 Who among the following wrote the basic text of Vaisheshika philosophy?

Ans ✗ 1. Patanjali

✓ 2. Kanada

✗ 3. Shankaracharya

✗ 4. Jaimini

Question ID : **81616113742**

Status : **Answered**

Chosen Option : **1**

Q.5 Which two great footballers, who were members of the gold medal winning team of 1962 Asian Games, passed away in 2020?

Ans ✗ 1. Krishanu Dey and C Prasad

✓ 2. Chuni Goswami and PK Banerjee

✗ 3. Ram Bahadur and Jarnail Singh

✗ 4. Yousuf Khan and TA Rahaman

Question ID : **81616114069**

Status : **Not Answered**

Chosen Option : **--**

Q.6 All matches of the 2020-21 edition of Hero Indian Super League are being played in which of the following states?

Ans ✓ 1. Goa

✗ 2. Karnataka

✗ 3. West Bengal

✗ 4. Kerala

Question ID : **81616114065**

Status : **Not Answered**

Chosen Option : **--**

Q.7 Which of the following is another name for 'white ant'?

Ans ✓ 1. Termite

✗ 2. Mosquito

✗ 3. Housefly

✗ 4. Wasp

Question ID : **81616114050**

Status : **Answered**

Chosen Option : **1**

Q.8 What do you call the amount of monetary or other returns, either earned or unearned, accruing over a period of time?

Ans ✗ 1. Services

✓ 2. Income

✗ 3. Price

✗ 4. Value

Question ID : **81616112431**

Status : **Answered**

Chosen Option : **4**

Q.9 Pushyabhuti, who ruled from Thaneswar, was the founder of _____ dynasty.

Ans ✗ 1. Pandya

✗ 2. Chera

✗ 3. Chalukya

✓ 4. Vardhana

Question ID : **81616112443**

Status : **Answered**

Chosen Option : **3**

Q.10 In January 2021, who among the following was appointed as the President of the Asian Cricket Council?

Ans ✗ 1. Sourav Ganguly

✗ 2. Rahul Dravid

✓ 3. Jay Shah

✗ 4. Anil Kumble

Question ID : **81616114067**

Status : **Answered**

Chosen Option : **3**

Q.11 Almost 98% of Earth's crust is made up of eight elements. Which of the following does NOT figure among these elements?

Ans ✓ 1. Carbon

✗ 2. Oxygen

✗ 3. Calcium

✗ 4. Silicon

Question ID : **81616114056**

Status : **Answered**

Chosen Option : **3**

Q.12 Who wrote the book 'The Quest for Equity in Development'?

Ans ✓ 1. Manmohan Singh

✗ 2. Raghuram Rajan

✗ 3. Montek Singh Ahluwalia

✗ 4. Amartya Sen

Question ID : **81616112446**

Status : **Not Answered**

Chosen Option : **--**

Q.13 The Vedic view of an individual and his relation to society is determined by four objectives of life. Which of the following is NOT one of these objectives?

Ans ✓ 1. Siddhi

✗ 2. Dharma

✗ 3. Moksha

✗ 4. Artha

Question ID : **81616113754**

Status : **Answered**

Chosen Option : **4**

Q.14 Which of the following is NOT a greenhouse gas?

Ans ✓ 1. Helium

✗ 2. Surface level ozone

✗ 3. Nitrous oxide

✗ 4. Water vapour

Question ID : **81616113746**

Status : **Answered**

Chosen Option : **1**

Q.15 Which of the following Articles of the Constitution of India adopted Hindi in Devanagari script as the official language of the Union?

Ans ✗ 1. Article 108

✗ 2. Article 123

✓ 3. Article 343 (1)

✗ 4. Article 231

Question ID : **81616113558**

Status : **Answered**

Chosen Option : **3**

Q.16 What is represented by the product of force with displacement in the direction of force?

Ans ✗ 1. Impulse

✓ 2. Work

✗ 3. Power

✗ 4. Momentum

Question ID : **81616113749**

Status : **Answered**

Chosen Option : **2**

Q.17 In October 2020, the world's longest highway tunnel was inaugurated in the state of _____.

Ans ✗ 1. Madhya Pradesh

✗ 2. Uttar Pradesh

✗ 3. Arunachal Pradesh

✓ 4. Himachal Pradesh

Question ID : **81616112452**

Status : **Answered**

Chosen Option : **4**

Q.18 Till 20 January 1972, which present-day Indian state was known as the North-East Frontier Agency (NEFA)?

Ans ✗ 1. Nagaland

✓ 2. Arunachal Pradesh

✗ 3. Assam

✗ 4. Sikkim

Question ID : **81616112439**

Status : **Answered**

Chosen Option : **2**

Q.19 Which of the following countries will host the 2022 FIFA World Cup?

Ans ✗ 1. The US

✗ 2. Brazil

✓ 3. Qatar

✗ 4. Russia

Question ID : **81616113763**

Status : **Answered**

Chosen Option : **3**

Q.20 Who among the following persons was announced as the head of the Committee to protect language, culture and land in Ladakh by the Central Government in January 2021?

Ans ✗ 1. Piyush Goyal

✓ 2. G Kishan Reddy

✗ 3. Raj Kumar Singh

✗ 4. Arjun Munda

Question ID : **81616113541**

Status : **Answered**

Chosen Option : **2**

Q.21 _____ is the ability of a single cell to produce a fertile, adult individual.

Ans ✗ 1. Mutation

✗ 2. Cloning

✓ 3. Totipotency

✗ 4. Pluripotency

Question ID : **81616113546**

Status : **Answered**

Chosen Option : **2**

Q.22 In which year did Atal Bihari Vajpayee undertake a bus journey to Lahore to sign a Peace Declaration?

Ans ✗ 1. 1994

✓ 2. 1999

✗ 3. 1997

✗ 4. 1991

Question ID : **81616112448**

Status : **Answered**

Chosen Option : **3**

Q.23 Which of the following is one of the three 'Domestic Systemically Important Banks' in India?

Ans ✓ 1. State Bank of India (SBI)

✗ 2. Federal Bank

✗ 3. RBL Bank

✗ 4. Axis Bank

Question ID : **81616113543**

Status : **Answered**

Chosen Option : **1**

Q.24 In which of the following years was the Indian Association established?

Ans ✗ 1. 1881

✓ 2. 1876

✗ 3. 1856

✗ 4. 1903

Question ID : **81616113553**

Status : **Answered**

Chosen Option : **2**

Q.25 How is Dhanpat Rai Srivastava better known as?

Ans ✗ 1. Nirala

✗ 2. Agyeya

✗ 3. Dinkar

✓ 4. Premchand

Question ID : **81616114061**

Status : **Not Answered**

Chosen Option : **--**

Section : **Quantitative Aptitude**

Q.1 In △ ABC, D and E are the points on sides AB and AC, respectively and DE ∥ BC. BC = 8 cm and DE = 5 cm. If the area of △ ADE = 45 cm^2, then what is the area (in cm^2) of △ ABC?

Ans
- ✗ 1. 105.2
- ✗ 2. 64
- ✗ 3. 125
- ✓ 4. 115.2

Question ID : **81616114086**
Status : **Answered**
Chosen Option : **2**

Q.2 The value of $32 \div 12 \ of \ 3 \times [5 - (15 - 12) \div 9] \ of \frac{3}{7} + 4 - 8 \div 2 \ of \ 4$ is:

Ans
- ✗ 1. $3\frac{1}{6}$
- ✗ 2. $3\frac{1}{3}$
- ✓ 3. $4\frac{7}{9}$
- ✗ 4. $1\frac{7}{9}$

Question ID : **81616114071**
Status : **Not Answered**
Chosen Option : **--**

Q.3 A certain number of students from school X appeared in an examination and 20% students failed. From school Y, 130% more students than that from school X, appeared in the same examination. If 90% of the total number of students appeared from from both the schools passed, then what is the percentage of students from school Y who failed (correct to one decimal place)?

Ans
- ✗ 1. 6.4%
- ✗ 2. 10%
- ✓ 3. 5.7%
- ✗ 4. 8.3%

Question ID : **81616113569**
Status : **Not Answered**
Chosen Option : **--**

Q.4 Find the value of $\frac{3}{4}cot^2 \ 30° + cos^2 \ 30° - 3cosec^2 \ 60° + tan^2 \ 60°$.

Ans
- ✗ 1. -4
- ✗ 2. 10
- ✗ 3. $\frac{\sqrt{3}}{4}$
- ✓ 4. 2

Question ID : **81616112372**
Status : **Answered**
Chosen Option : **4**

Q.5 If $x + y + z = 7$, $x^2 + y^2 + z^2 = 85$ and $x^3 + y^3 + z^3 = 913$, then the value of $\sqrt[3]{xyz}$ is:

Ans
✗ 1. 1
✗ 2. 8
✗ 3. 2
✔ 4. 4

Q.6 If $\cos(A - B) = \frac{\sqrt{3}}{2}$ and $\cot(A + B) = \frac{1}{\sqrt{3}}$, where A-B and A+B are acute angles, then (2A-3B) is equal to:

Ans
✗ 1. $60°$
✗ 2. $30°$
✔ 3. $45°$
✗ 4. $15°$

Q.7 The average of 8 consecutive even numbers written in ascending order is 17. What is the average of the last three numbers, 36 and 53?

Ans
✗ 1. 29.8
✗ 2. 31.6
✗ 3. 32.2
✔ 4. 31

Q.8 If the seven-digit number $94x29y6$ is divisible by 72, then what is the value of $(2x + 3y)$ for $x \neq y$?

Ans
✗ 1. 35
✗ 2. 23
✗ 3. 21
✔ 4. 37

Q.9 Study the following table and answer the question:

Number of students enrolled for Vocational Courses (VC) in institutes A, B, C, D, E & F.

Years / Institutes	2014	2015	2016	2017	2018
A	110	150	165	180	205
B	120	180	176	200	220
C	140	220	180	175	225
D	125	210	175	180	230
E	150	200	160	200	240
F	165	230	200	220	210

The ratio of the total number of students enrolled for VC in institutes A, C and E in 2015 to the total number of students enrolled in institutes B and D in 2017, is:

Ans ✗ 1. $9:10$

✗ 2. $3:4$

✔ 3. $3:2$

✗ 4. $10:11$

Question ID : **81616113990**
Status : **Answered**
Chosen Option : **3**

Q.10 In a circle with centre O, PAX and PBY are the tangents to the circle at points A and B, from an external point P. Q is any point on the circle such that $\angle QAX = 59°$ and $\angle QBY = 72°$. What is the measure of $\angle AQB$?

Ans ✗ 1. $72°$

✗ 2. $31°$

✗ 3. $59°$

✔ 4. $49°$

Question ID : **81616113580**
Status : **Not Answered**
Chosen Option : **--**

Q.11 $\left(\sqrt{\sec^2\theta + \text{cosec}^2\theta}\right)\left(\frac{\sin\theta(1+\cos\theta)}{1+\cos\theta-\sin^2\theta}\right), 0° < \theta < 90°$
is equal to:

Ans ✗ 1. $\text{cosec}^2\theta$

✔ 2. $\sec^2\theta$

✗ 3. $\cot\theta$

✗ 4. $\tan\theta$

Question ID : **81616114191**
Status : **Not Answered**
Chosen Option : **--**

Q.12 The data given in the table shows the number of students studying in four different disciplines in 5 institutes.

Study the table and answer the question:

Institutes	Arts	Science	Commerce	Computer Science
A	36	48	59	57
B	45	54	55	48
C	55	36	56	51
D	45	48	55	53
E	48	44	52	55

By what percent is the number of students studying Computer Science in institutes A and B more than the number of students studying Arts in institutes B and C?

Ans ✘ 1. 2

✘ 2. 24

✘ 3. 14

✔ 4. 5

Q.13 A ∆ABC has sides 5 cm, 6 cm and 7 cm. AB extended touches a circle at P and AC extended touches the same circle at Q. Find the length (in cm) of AQ.

Ans ✔ 1. 9

✘ 2. 11

✘ 3. 13

✘ 4. 12

Q.14 Study the following table and answer the question:

Number of students enrolled for Vocational Courses (VC) in institutes A, B, C, D, E & F.

Years / Institutes	2014	2015	2016	2017	2018
A	110	150	165	180	205
B	120	180	176	200	220
C	140	220	180	175	225
D	125	210	175	180	230
E	150	200	160	200	240
F	165	230	200	220	210

The total number of students enrolled for VC in institutes B, C and E in 2015 is x % more than the total number of students enrolled in institutes A, D and F in 2016. The value of x is closest to:

Ans ✔ 1. 11.1

✘ 2. 10.3

✘ 3. 11.8

✘ 4. 10.8

Q.15 Two men and 7 women can complete a work in 28 days whereas 6 men and 16 women can do the same work in 11 days.
In how many days can 7 men complete the same work?

Ans
✗ 1. 12

✗ 2. 11

✗ 3. 24

✓ 4. 22

Q.16 By selling an article for ₹640, a person loses 15% of its selling price. At what price (in ₹) should he sell it to gain 15% on its cost price?

Ans
✗ 1. 832

✗ 2. 835

✗ 3. 836.60

✓ 4. 846.40

Q.17 If $a^2 + c^2 + 17 = 2(a - 8b - 2b^2)$, then what is the value of $(a^3 + b^3 + c^3)$?

Ans
✗ 1. 9

✓ 2. −7

✗ 3. 10

✗ 4. −4

Q.18 The table shows the daily income (in ₹) of 50 persons.

Study the table and answer the question:

Income (Rs)	No. of persons
less than 200	12
less than 250	26
less than 300	34
less than 350	40
less than 400	50

How many persons earn ₹200 or more but less than ₹300?

Ans ✗ 1. 8

✔ 2. 22

✗ 3. 12

✗ 4. 38

Q.19 A sum of ₹31866 is divided between A, B and C such that the ratio of shares of A and B is 9 : 8 and that of A and C is 4 : 5. The share (in ₹) of B is:

Ans ✗ 1. 12690

✗ 2. 10152

✔ 3. 9024

✗ 4. 8460

Q.20 In a triangle ABC, a point D lies on AB and points E and F lie on BC such that DF is parallel to AC and DE is parallel to AF. If BE = 4 cm, EF = 6cm, then find the length (in cm) of BC.

Ans ✗ 1. 15

✔ 2. 25

✗ 3. 20

✗ 4. 30

Q.21 The curved surface area of a cylinder is 462 cm² and its base area is 346.5 cm² . What is the volume (in cm³) of the cylinder? $\left(\text{Use } \pi = \frac{22}{7}\right)$

Ans ✗ 1. 4850

✗ 2. 2400

✗ 3. 4800

✓ 4. 2425.5

Question ID : **81616112464**
Status : **Not Answered**
Chosen Option : **--**

Q.22 The marked price of an article is ₹1500. A shopkeeper sells it by giving 20% discount on its marked price. If the cost price of the article is ₹991, then his profit (in ₹) is:

Ans ✓ 1. 209

✗ 2. 319

✗ 3. 229

✗ 4. 189

Question ID : **81616113770**
Status : **Answered**
Chosen Option : **1**

Q.23 A certain sum becomes ₹13650 at 15% p.a. simple interest after 2 years. What will be the amount (in ₹) of the same sum after 1 year at the same rate of interest, if the interest is compounded half yearly? (nearest to a ₹)

Ans ✗ 1. 10500

✗ 2. 13625

✗ 3. 11000

✓ 4. 12134

Question ID : **81616113572**
Status : **Not Answered**
Chosen Option : **--**

Q.24 A takes 8 hours more than the time taken by B to cover a distance of 160 km. If A doubles his speed, he takes 3 hours more than B to cover the same distance. The speed (in km/h) of B is :

Ans ✓ 1. 80

✗ 2. 75

✗ 3. 72

✗ 4. 70

Question ID : **81616113776**
Status : **Not Answered**
Chosen Option : **--**

Q.25 If $\left(54\sqrt{2}\,x^3 + 24\sqrt{3}\,y^3\right) \div \left(\sqrt{18}\,x + \sqrt{12}\,y\right) = Ax^2 + By^2 + Cxy$, then what is the value of $A^2 - (B^2 + C^2)$?

Ans ✗ 1. 12

  ✗ 2. -24

  ✓ 3. -36

  ✗ 4. 24

Question ID : **81616114081**

Status : **Not Answered**

Chosen Option : **--**

Section : **English Comprehension**

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

Slur

Ans ✓ 1. Compliment

  ✗ 2. Mixture

  ✗ 3. Insult

  ✗ 4. Assortment

Question ID : **81616114111**

Status : **Answered**

Chosen Option : **1**

Q.2 Select the INCORRECTLY spelt word.

Ans ✗ 1. Incriminating

  ✗ 2. Embodiment

  ✓ 3. Unpretensious

  ✗ 4. Cancellation

Question ID : **81616114118**

Status : **Answered**

Chosen Option : **3**

Q.3 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. But in snapping at the supposed treasure, he dropped the bit he was carrying, and so lost all.
B. When he was crossing a river on his way home, he saw his own shadow reflected in the stream below.
C. Thinking that it was another dog with another piece of meat, he resolved to make himself master of that also.
D. A dog had stolen a piece of meat out of a butcher's shop.

Ans ✗ 1. BDCA

  ✗ 2. DACB

  ✓ 3. DBCA

  ✗ 4. ACDB

Question ID : **81616114107**

Status : **Answered**

Chosen Option : **3**

Q.4 Select the option that expresses the given sentence in passive voice.

The man bought a parrot that could speak five languages.

Ans ✗ 1. A parrot that could spoke five languages bought the man.

✗ 2. A parrot that spoke five languages had been bought by the man.

✗ 3. A parrot that spoken five languages was bought by the man.

✓ 4. A parrot that spoke five languages was bought by the man.

Question ID : **81616113592**

Status : **Answered**

Chosen Option : **4**

Q.5 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. Most important, however, are its oils, which are extracted, processed, and marketed for culinary, medicinal, and cosmetic uses alike.
B. Coconut products are used to make everything from clothing to animal feed to beauty creams.
C. The coconut is a very useful plant with a wide range of products being sourced from it.
D. Its kernel is harvested for its edible flesh and delicious water, while its husk is used for its strong fibres.

Ans ✗ 1. BCAD

✗ 2. CADB

✗ 3. ADBC

✓ 4. CBDA

Question ID : **81616113805**

Status : **Answered**

Chosen Option : **4**

Q.6 Select the most appropriate synonym of the given word.

Termination

Ans ✗ 1. Conviction

✓ 2. Conclusion

✗ 3. Consolation

✗ 4. Conduction

Question ID : **81616112494**

Status : **Answered**

Chosen Option : **2**

Q.7 Select the most appropriate meaning of the given idiom.

Herculean task

Ans ✗ 1. A job that only weak people are assigned

✗ 2. A job that requires a lot of talking and information

✓ 3. A job that requires a large amount of physical strength

✗ 4. A job that makes everyone feel proud

Question ID : **81616113810**

Status : **Answered**

Chosen Option : **3**

Q.8 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution required'.

Hears to the news tonight at 9 p.m., as there will be an important announcement about the budget.

Ans ✗ 1. Listened to

✗ 2. Hear to

✗ 3. No substitution required

✓ 4. Listen to

Question ID : **81616113594**

Status : **Answered**

Chosen Option : **4**

Q.9 Select the option that expresses the given sentence in indirect speech.

"How beautiful she is!" said Betty.

Ans ✗ 1. Betty exclaimed with joy how beautiful she is.

✗ 2. Betty exclaimed with joy she is very beautiful.

✓ 3. Betty exclaimed with joy that she was very beautiful.

✗ 4. Betty exclaimed with joy how beautiful she was.

Question ID : **81616112482**

Status : **Answered**

Chosen Option : **4**

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

Advertisers often use rhyme and _____.

Ans ✓ 1. alliteration

✗ 2. denunciation

✗ 3. designation

✗ 4. alteration

Question ID : **81616112504**

Status : **Answered**

Chosen Option : **1**

Q.11 Select the most appropriate meaning of the given idiom.

Pipe dream

Ans ✓ 1. A dream or idea that is unlikely to happen

✗ 2. A dream or idea that is nearly accomplished

✗ 3. A dream or idea that is loudly proclaimed

✗ 4. A dream or idea that keeps getting repeated

Question ID : **81616113811**

Status : **Answered**

Chosen Option : **1**

Q.12 The following sentence has been divided into parts. One of them contains an error. Select the part that contains the error from the given options.

The sea has become / an cheap dumping ground / for all kinds / of waste products.

Ans ✗ 1. The sea has become

✗ 2. for all kinds

✓ 3. an cheap dumping ground

✗ 4. of waste products

Question ID : **81616113792**

Status : **Answered**

Chosen Option : **3**

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

Stalwart

Ans ✗ 1. Firm

✓ 2. Cowardly

✗ 3. Stout

✗ 4. Robust

Question ID : **81616113809**

Status : **Answered**

Chosen Option : **2**

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

Munch

Ans ✗ 1. Flew

✗ 2. Burp

✗ 3. Drew

✓ 4. Chew

Question ID : **81616112493**

Status : **Answered**

Chosen Option : **4**

Q.15 Select the option that can be used as a one-word substitute for the given group of words.

One who studies the occult meanings of numbers and their supposed influence on human life

Ans ✗ 1. Astrologer

✗ 2. Prophet

✗ 3. Astronomer

✓ 4. Numerologist

Question ID : **81616113610**

Status : **Answered**

Chosen Option : **4**

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

Social isolation, overcrowding, the _____ of our society and several other factors are responsible for stress.

Ans ✗ 1. cheapness

✗ 2. attractiveness

✓ 3. competitiveness

✗ 4. affordability

Question ID : **81616113614**

Status : **Answered**

Chosen Option : **3**

Q.17 Select the option that can be used as a one-word substitute for the given group of words.

Having no boundaries or limits

Ans ✗ 1. Colossal

✗ 2. Tremendous

✓ 3. Infinite

✗ 4. Enormous

Question ID : **81616113611**

Status : **Answered**

Chosen Option : **3**

Q.18 Select the INCORRECTLY spelt word.

Ans ✗ 1. Pledge

✗ 2. Bouquet

✓ 3. Acquarium

✗ 4. Abridge

Question ID : **81616114117**

Status : **Answered**

Chosen Option : **3**

Q.19 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

Either the bears or the lion <u>has escaped from the zoo</u>.

Ans ✓ 1. No substitution

✗ 2. is escaped from the zoo

✗ 3. have escaped from the zoo

✗ 4. are escaped from the zoo

Question ID : **81616112484**

Status : **Answered**

Chosen Option : **1**

Q.20 **The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**

Won't you / please come / to help me / along this heavy box?

Ans ❌ 1. to help me

✅ 2. along this heavy box

❌ 3. please come

❌ 4. Won't you

Question ID : **81616113591**

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.

Water, a substance composed of the chemical elements hydrogen and oxygen (1)_____ in gaseous, liquid, and solid states. It is (2)_____ of the most plentiful and essential (3)_____ compounds. A tasteless and odourless liquid at room temperature, it has the important (4)_____ to dissolve many other substances. Indeed, the (5)_____ of water as a solvent is essential to living organisms.

SubQuestion No : 21

Q.21 **Select the most appropriate option to fill in blank number 1.**

Ans ❌ 1. endures

❌ 2. survives

❌ 3. lasts

✅ 4. exists

Question ID : **81616114102**

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.

Water, a substance composed of the chemical elements hydrogen and oxygen (1)_____ in gaseous, liquid, and solid states. It is (2)_____ of the most plentiful and essential (3)_____ compounds. A tasteless and odourless liquid at room temperature, it has the important (4)_____ to dissolve many other substances. Indeed, the (5)_____ of water as a solvent is essential to living organisms.

SubQuestion No : 22

Q.22 **Select the most appropriate option to fill in blank number 2.**

Ans ❌ 1. unique

❌ 2. single

❌ 3. lone

✅ 4. one

Question ID : **81616114103**

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.

Water, a substance composed of the chemical elements hydrogen and oxygen (1)_____ in gaseous, liquid, and solid states. It is (2)_____ of the most plentiful and essential (3)_____ compounds. A tasteless and odourless liquid at room temperature, it has the important (4)_____ to dissolve many other substances. Indeed, the (5)_____ of water as a solvent is essential to living organisms.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

Ans ✗ 1. by

✗ 2. in

✗ 3. for

✓ 4. of

Question ID : **81616114104**
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.

Water, a substance composed of the chemical elements hydrogen and oxygen (1)_____ in gaseous, liquid, and solid states. It is (2)_____ of the most plentiful and essential (3)_____ compounds. A tasteless and odourless liquid at room temperature, it has the important (4)_____ to dissolve many other substances. Indeed, the (5)_____ of water as a solvent is essential to living organisms.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

Ans ✗ 1. knack

✓ 2. ability

✗ 3. competence

✗ 4. proficiency

Question ID : **81616114105**
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.

Water, a substance composed of the chemical elements hydrogen and oxygen (1)_____ in gaseous, liquid, and solid states. It is (2)_____ of the most plentiful and essential (3)_____ compounds. A tasteless and odourless liquid at room temperature, it has the important (4)_____ to dissolve many other substances. Indeed, the (5)_____ of water as a solvent is essential to living organisms.

SubQuestion No : 25

Q.25 **Select the most appropriate option to fill in blank number 5.**

Ans ✗ 1. validity

✗ 2. veracity

✓ 3. versatility

✗ 4. velocity

Question ID : **81616114106**
Status : **Answered**
Chosen Option : **3**