Combined Graduate Level Examination Tier I 2022

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ Kottayam
Exam Date	09/12/2022
Exam Time	9:00 AM - 10:00 AM
Subject	Combined Graduate Level Examination Tier I 2022

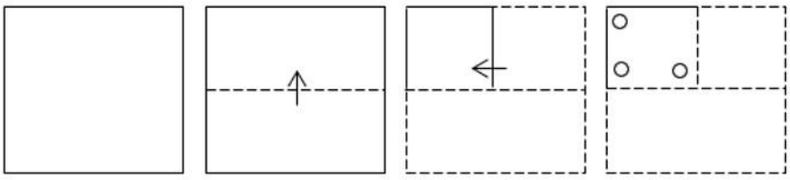
Section : **General Intelligence and Reasoning**

Q.1 **Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.**
Statements:
All Cadbury are Nestle.
No Nestle is Amul.
Some Cadbury are Britannia.
Conclusions:
I. Some Nestle are Britannia.
II. No Amul is a Cadbury.
III. No Amul is Britannia.

Ans
✔ 1. Only conclusions I and II follow
✘ 2. Only conclusion I follows
✘ 3. Only conclusion II follows
✘ 4. Only conclusions I and III follow

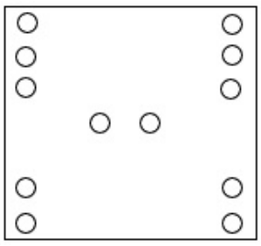
Question ID : **26433065690**
Status : **Answered**
Chosen Option : **1**

Q.2 A paper is folded and cut as shown below. How will it appear when unfolded?

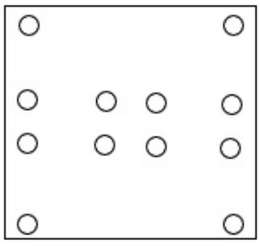


Ans

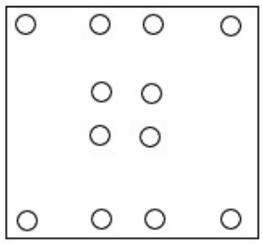
✗ 1.



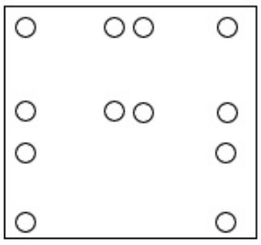
✓ 2.



✗ 3.



✗ 4.



Question ID : **26433080826**
Status : **Answered**
Chosen Option : **3**

Q.3 **In the following question, four number pairs are given. In each pair the number on left side of (–) is related to the number of the right side of (–) with some Logic/Rule/Relation. Three pairs are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g.13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)**

Ans

✓ 1. 5 – 23

✗ 2. 11 – 123

✗ 3. 9 – 83

✗ 4. 7 – 51

Question ID : **264330105050**
Status : **Answered**
Chosen Option : **1**

Q.4 **In the following question, select the missing number from the given series.**
600, 565, 530, 495, 460, ?

Ans
✗ 1. 420
✗ 2. 428
✗ 3. 430
✓ 4. 425

Question ID : **264330105027**
Status : **Answered**
Chosen Option : **4**

Q.5 **Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.**
8 : 448 :: 9 : ? :: 11 : 847

Ans
✗ 1. 576
✗ 2. 577
✓ 3. 567
✗ 4. 562

Question ID : **26433078943**
Status : **Answered**
Chosen Option : **3**

Q.6 **Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)**
Bull : Cow :: Gander : ?

Ans
✗ 1. Doe
✓ 2. Goose
✗ 3. Mare
✗ 4. Hen

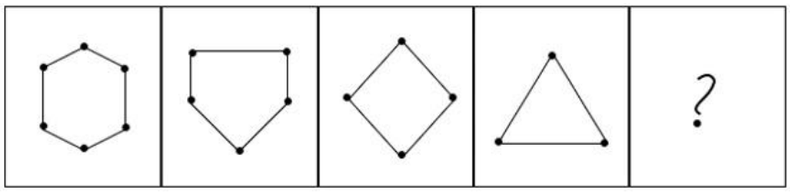
Question ID : **26433068354**
Status : **Answered**
Chosen Option : **1**

Q.7 **Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.**

Ans
✓ 1. UVZ
✗ 2. MNP
✗ 3. XYA
✗ 4. QRT

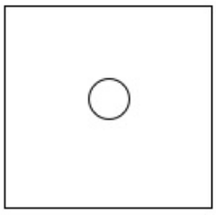
Question ID : **26433069008**
Status : **Answered**
Chosen Option : **1**

Q.8 Select the figure that will come next in the following figure series.

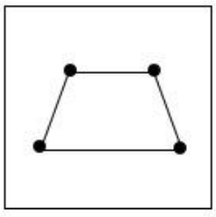


Ans

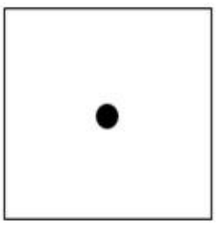
✗ 1.



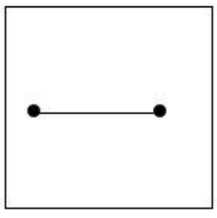
✗ 2.



✗ 3.



✓ 4.



Question ID : **26433068468**
Status : **Answered**
Chosen Option : **4**

Q.9 **If L + M means that L is the father of M, L × B means that L is the mother of M, L – M means that L is the brother of M then which of the following expression shows that A is the paternal uncle of B?**

Ans

✗ 1. A – C + B

✓ 2. A – B + C

✗ 3. A + B – C

✗ 4. A – B × C

Question ID : **264330104996**
Status : **Answered**
Chosen Option : **1**

Q.10 **Which of the following letter clusters will replace the question mark (?) and complete the following letter cluster series?**
DW, FU, IR, NM, UF, ?

Ans
✗ 1. FV
✗ 2. GU
✓ 3. FU
✗ 4. EV

Question ID : **26433066005**
Status : **Answered**
Chosen Option : **3**

Q.11 **In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.**
Statements:
I. All T are G.
II. All G are H.
Conclusions:
I. All T are H.
II. No G is T.
III. All H are G.

Ans
✗ 1. All conclusion follows
✗ 2. Only conclusion III follows
✓ 3. Only conclusion I follows
✗ 4. Only conclusion II follows

Question ID : **264330104947**
Status : **Answered**
Chosen Option : **3**

Q.12 **Which two signs and two numbers should be interchanged in the following equation to make it correct?**
40 - 220 ÷ 2 × 2 + 20 = 200

Ans
✓ 1. 20 and 40, + and -
✗ 2. 2 and 20, ÷ and +
✗ 3. 220 and 40, + and ×
✗ 4. 220 and 20, ÷ and ×

Question ID : **26433096017**
Status : **Answered**
Chosen Option : **1**

Q.13 **Which two signs should be interchanged to make the given equation correct?**
7 * 9 + 3 ÷ 7 − 3 = 25

Ans
✗ 1. ÷ and *
✓ 2. ÷ and +
✗ 3. + and *
✗ 4. + and −

Question ID : **26433067845**
Status : **Answered**
Chosen Option : **2**

Q.14 **After interchanging the given two numbers and two signs what will be the values of equation (I) and (II) respectively?**
× and –, 4 and 2
I. 7 – 5 × 4 + 8 ÷ 2
II. 7 × 3 – 8 ÷ 2 + 4

Ans

✗ 1. 25, 23

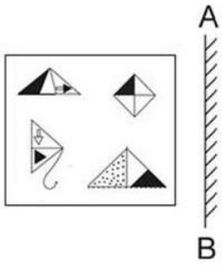
✗ 2. 37, 25

✓ 3. 35, 3

✗ 4. 41, 47

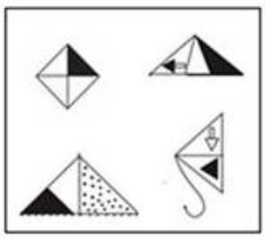
Question ID : **264330105151**
Status : **Answered**
Chosen Option : **3**

Q.15 Select the correct mirror image of the given figure when the mirror is placed at 'AB' as shown.

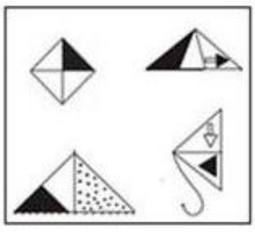


Ans

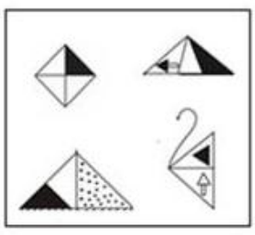
✔ 1.



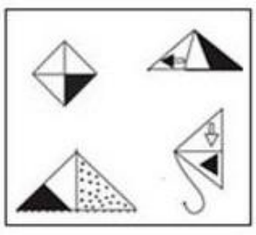
✘ 2.



✘ 3.



✘ 4.



Question ID : **26433057949**
Status : **Answered**
Chosen Option : **1**

Q.16 Today is Friday. After 55 days, it will be:

Ans

✘ 1. Tuesday

✔ 2. Thursday

✘ 3. Wednesday

✘ 4. Monday

Question ID : **26433093111**
Status : **Answered**
Chosen Option : **2**

Q.17 **Select the set in which the numbers are related in the same way as are the numbers of the following sets.**
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)
(19, 23, 4)
(13, 27, 14)

Ans

✗ 1. (25, 26, 2)

✗ 2. (25, 27, 4)

✓ 3. (25, 27, 2)

✗ 4. (25, 26, 4)

Question ID : **26433087181**
Status : **Answered**
Chosen Option : **3**

Q.18 **A – B means 'A is the mother of B'**
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 Z * A $ B – C * D % E, then how is Z related to E?

Ans

✗ 1. Sister

✗ 2. Wife

✓ 3. Husband's sister

✗ 4. Mother-in-law

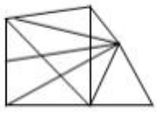
Question ID : **26433059900**
Status : **Answered**
Chosen Option : **3**

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

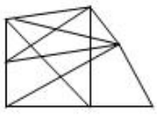
(X)

Ans

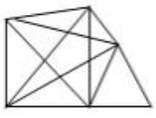
✗ 1.



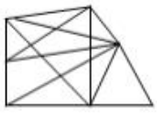
✗ 2.



✓ 3.



✗ 4.



Question ID : **26433068914**
Status : **Answered**
Chosen Option : **3**

Q.20 **Select the set in which the numbers are related in the same way as are the numbers of the following set.**
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)
(182, 170, 97)
(156, 128, 92)

Ans
✗ 1. (156, 194, 79)
✗ 2. (121, 102, 61)
✗ 3. (98, 74, 54)
✓ 4. (138, 130, 73)

Question ID : **26433067924**
Status : **Answered**
Chosen Option : **4**

Q.21 **A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.**
NTSM, QNBA, THKO, WBTC, ?

Ans
✗ 1. NMOP
✓ 2. ZVCQ
✗ 3. RMNO
✗ 4. ZYQR

Question ID : **264330104817**
Status : **Answered**
Chosen Option : **2**

Q.22 **In a certain code language, 'ANIMISM' is written as 'INAMMSI' and 'EAGERLY' is written as 'GAEEYLR'. How will 'FULFILL' be written in that language?**

Ans
✗ 1. LUFFLIL
✓ 2. LUFFLLI
✗ 3. LUFFIIL
✗ 4. LUFLFLI

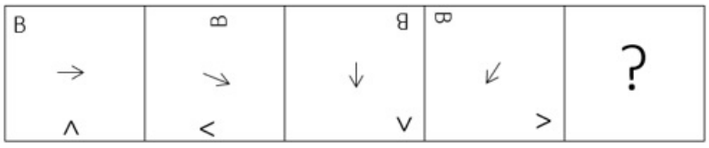
Question ID : **26433059886**
Status : **Answered**
Chosen Option : **2**

Q.23 **Select the word-pair that best represents a similar relationship to the one expressed in the given pair of words.**
(The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)
Carpenter : Hammer

Ans
✓ 1. Fisherman : Net
✗ 2. Butcher : Meat
✗ 3. Mechanic : Car
✗ 4. Nurse : Patient

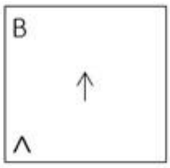
Question ID : **26433068414**
Status : **Answered**
Chosen Option : **1**

Q.24 Which figure should replace the question mark (?) if the series were to be continued?

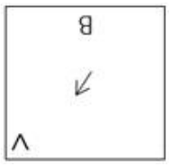


Ans

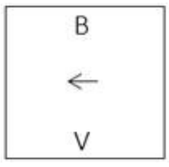
✗ 1.



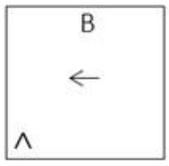
✗ 2.



✗ 3.



✓ 4.



Question ID : **26433076658**
Status : **Answered**
Chosen Option : **4**

Q.25 **In a certain code language, 'FELLOW' is written as 'NGHYQN' and 'PURPLE' is written as 'TWRGNR'. How will 'SUPRISED' be written in that language?**

Ans

✗ 1. UWRTKUGF

✗ 2. KUGFUWRT

✗ 3. TRUWFGUK

✓ 4. TRWUFGUK

Question ID : **26433067579**
Status : **Answered**
Chosen Option : **4**

Section : **General Awareness**

Q.1 **Aid or auxiliary to trade includes which of the following?**

Ans

✗ 1. Production

✗ 2. Selling

✗ 3. Buying

✓ 4. Warehousing

Question ID : **26433064524**
Status : **Answered**
Chosen Option : **2**

Q.2 **Nrityabharati Kathak Dance Academy in Pune was established by which of the following Sangeet Natak Akademi Awardees?**

Ans
✔ 1. Rohini Bhate
✘ 2. Roshan Kumari
✘ 3. Kumidini Lakhia
✘ 4. Sitara Devi

Question ID : **26433090708**
Status : **Not Answered**
Chosen Option : **--**

Q.3 **The Government of _____ launched Mukhyamantri Chaa Srami Kalyan Prakalpa Scheme for tea garden workers.**

Ans
✘ 1. Kerala
✘ 2. Assam
✔ 3. Tripura
✘ 4. Andhra Pradesh

Question ID : **264330105267**
Status : **Answered**
Chosen Option : **2**

Q.4 **The world's longest river the Nile flows through which of the following continent?**

Ans
✔ 1. Africa
✘ 2. North America
✘ 3. South America
✘ 4. Europe

Question ID : **264330105622**
Status : **Answered**
Chosen Option : **1**

Q.5 **Taking cognizance of the pandemic situation in 2021, the Ministry of Ayush, GoI decided the message of International Day of Yoga 2021 celebration will be:**

Ans
✘ 1. Yoga at Home
✔ 2. Be with Yoga, Be at Home!
✘ 3. Yoga at Home, Yoga with Family!
✘ 4. Home Yoga and Yoga Home

Question ID : **26433064282**
Status : **Answered**
Chosen Option : **3**

Q.6 **Which of the following is NOT a capital expenditure?**

Ans
✘ 1. Loans and advances by the central government
✘ 2. Expenditure on the acquisition of land
✘ 3. Investment in shares
✔ 4. Subsidies payment

Question ID : **264330105389**
Status : **Not Answered**
Chosen Option : **--**

Q.7 **Padma Shri awardee, Gulabo Sapera is a _____ dancer of Rajasthan.**

Ans
- ✗ 1. Bhavai
- ✗ 2. Terah Taali
- ✓ 3. Kalbelia
- ✗ 4. Ghoomar

Question ID : **26433064305**
Status : **Not Answered**
Chosen Option : **--**

Q.8 **The region of Ganga Brahmaputra basin lies in _____.**

Ans
- ✗ 1. 10°N to 10°N latitude
- ✗ 2. 30°N to 50°N latitude
- ✗ 3. 5°N to 10°N latitude
- ✓ 4. 10°N to 30°N latitude

Question ID : **264330105605**
Status : **Not Answered**
Chosen Option : **--**

Q.9 **Which state government launched the Matrushakti Udaymita Scheme to provide support to women entrepreneurs?**

Ans
- ✗ 1. Madhya Pradesh
- ✗ 2. Rajasthan
- ✓ 3. Haryana
- ✗ 4. Gujarat

Question ID : **264330105316**
Status : **Not Answered**
Chosen Option : **--**

Q.10 **Which of the following revolutionaries stated during his trial that "he did not wish to glorify the cult of the bomb and pistol but wanted a revolution in society"?**

Ans
- ✓ 1. Bhagat Singh
- ✗ 2. Surya Sen
- ✗ 3. Sachindra Nath Sanyal
- ✗ 4. Barindra Kumar Ghosh

Question ID : **26433085298**
Status : **Answered**
Chosen Option : **1**

Q.11 **Abhinav Bharat Society was a secret society of revolutionaries. It was established in _____.**

Ans
- ✓ 1. Bombay Presidency
- ✗ 2. United Provinces
- ✗ 3. Punjab Province
- ✗ 4. Calcutta Presidency

Question ID : **26433085278**
Status : **Not Answered**
Chosen Option : **--**

Q.12 The British physicist named Paul Dirac was known to have introduced the concept of _____ in 1930.

Ans
✗ 1. thermal ionisation
✗ 2. cosmic radiation
✗ 3. nuclear model of atom
✓ 4. antiparticle

Question ID : **26433092179**
Status : **Not Answered**
Chosen Option : **--**

Q.13 Which of the following was awarded to Bharatnatyam dancer, Priyadarshini Govind in 1998?

Ans
✗ 1. Tagore Ratna
✓ 2. Kalaimamani
✗ 3. Nritya Choodamani
✗ 4. Kalidas Samman

Question ID : **26433090704**
Status : **Not Answered**
Chosen Option : **--**

Q.14 Which special order of the courts means "arrested person should be presented before the court"?

Ans
✓ 1. Habeas corpus
✗ 2. Mandamus
✗ 3. Certiorari
✗ 4. Quo warranto

Question ID : **26433064826**
Status : **Answered**
Chosen Option : **1**

Q.15 A judge of the Supreme Court can be removed only on the grounds of _____.

Ans
✗ 1. disrespect of the Constitution
✓ 2. proven misbehaviour or incapacity
✗ 3. murder charges
✗ 4. lack of knowledge

Question ID : **26433064845**
Status : **Answered**
Chosen Option : **2**

Q.16 Which of the following has discovered the sea route to India 1498?

Ans
✗ 1. Clive Lord
✗ 2. Henry the sailor
✗ 3. Captain Hudson
✓ 4. Vasco Da Gama

Question ID : **264330105550**
Status : **Answered**
Chosen Option : **4**

Q.17 Which of the following is the first 'smoke-free state' in India?

Ans
✗ 1. Rajasthan
✗ 2. Uttarakhand
✗ 3. Bihar
✓ 4. Himachal Pradesh

Question ID : **264330105293**
Status : **Answered**
Chosen Option : **4**

Q.18 What is the distance of the penalty mark from the midpoint of the goal post in football?

Ans
✗ 1. 10 m
✗ 2. 15 m
✓ 3. 11 m
✗ 4. 13 m

Question ID : **26433071566**
Status : **Not Answered**
Chosen Option : **--**

Q.19 Which of the following type of house remains were found in Mehrgarh site of Harappan civilization?

Ans
✗ 1. Triangular or circular
✗ 2. Rectangular or circular
✓ 3. Square or rectangular
✗ 4. Circular or square

Question ID : **264330105165**
Status : **Answered**
Chosen Option : **3**

Q.20 In 1893, which Swiss chemist was the first to understand the molecular structures of inorganic substances – chemical compounds that do not contain carbon?

Ans
✓ 1. Alfred Werner
✗ 2. William Ramsay
✗ 3. George de Hevesy
✗ 4. John Dalton

Question ID : **26433064075**
Status : **Not Answered**
Chosen Option : **--**

Q.21 _____ gas is used for the manufacturing of bleaching powder.

Ans
✗ 1. Nitrogen
✗ 2. Sulphur
✗ 3. Oxygen
✓ 4. Chlorine

Question ID : **264330105484**
Status : **Answered**
Chosen Option : **4**

Q.22 Which of the following dance forms is associated with the state of Himachal Pradesh?

Ans
✗ 1. Rauf
✓ 2. Dhaman
✗ 3. Phagua
✗ 4. Koli

Question ID : **26433054322**
Status : **Not Answered**
Chosen Option : **--**

Q.23 In which of the following groups, are all plants monoecious?

Ans
✗ 1. Maize, Papaya, Poplar and Rose
✗ 2. Papaya, Poplar, Rose and Fig
✓ 3. Maize, Cucumber, Fig and Melon
✗ 4. Cucumber, Papaya, Poplar and Rose

Question ID : **26433079556**
Status : **Not Answered**
Chosen Option : **--**

Q.24 The annual growth rate percentage population in India gradually started declining in the year _____.

Ans
✗ 1. 1991
✓ 2. 1981
✗ 3. 1971
✗ 4. 1951

Question ID : **264330105494**
Status : **Not Answered**
Chosen Option : **--**

Q.25 In which year Gay Lussac's Law of Gaseous Volumes was given by Gay Lussac?

Ans
✗ 1. 1812
✗ 2. 1800
✓ 3. 1808
✗ 4. 1802

Question ID : **26433064081**
Status : **Not Answered**
Chosen Option : **--**

Section : **Quantitative Aptitude**

Q.1 $\cos^3 60 - \cos^3 240 - \cos^3 360 =$ _____.

Ans
✔ 1. $\frac{-3}{4}$
✘ 2. $\frac{-7}{5}$
✘ 3. $\frac{-3}{5}$
✘ 4. $\frac{-9}{7}$

Question ID : **26433061393**
Status : **Answered**
Chosen Option : **1**

Q.2 If $x + y + z = 0$, then the value of $\frac{x^2}{yz} + \frac{y^2}{zx} + \frac{z^2}{xy}$ is:

Ans
✔ 1. 3
✘ 2. 1
✘ 3. 0
✘ 4. 2

Question ID : **26433079815**
Status : **Answered**
Chosen Option : **1**

Q.3 **Three candidates P, Q and R participated in an election. P got 35% more votes than Q, and R got 15% more votes than Q. P overtook R by 2,412 votes. If 90% voters voted and no invalid or illegal votes were cast, then what was the number of voters in the voting list?**

Ans
✔ 1. 46,900
✘ 2. 42,800
✘ 3. 42,210
✘ 4. 48,500

Question ID : **26433074456**
Status : **Not Answered**
Chosen Option : **--**

Q.4 **Two cities A and B are 135 km apart on a straight track. One car starts from A at 8 a.m. and travels towards B at 25 km/h. Another car starts from B at 9 a.m. and travels towards A at a speed of 30 km/h. At what time will they meet?**

Ans
✔ 1. 11 a.m.
✘ 2. 10 a.m.
✘ 3. 10.45 a.m.
✘ 4. 11.30 a.m.

Question ID : **26433081596**
Status : **Answered**
Chosen Option : **1**

Q.5 Three successive discounts of 10% is equivalent to a single discount of:

Ans

✔ 1. 27.1%

✘ 2. 19.0%

✘ 3. 25.1%

✘ 4. 26.2%

Question ID : **26433075550**
Status : **Answered**
Chosen Option : **1**

Q.6 If PT is a tangent at T to a circle whose centre is O and OP = 17 cm and OT = 8 cm, find the length of the tangent segment PT.

Ans

✘ 1. 13 cm

✘ 2. 14 cm

✘ 3. 16 cm

✔ 4. 15 cm

Question ID : **26433075215**
Status : **Answered**
Chosen Option : **4**

Q.7 The LCM of 96, 136 and 504 is:

Ans

✔ 1. 34272

✘ 2. 36548

✘ 3. 25872

✘ 4. 28564

Question ID : **26433079821**
Status : **Answered**
Chosen Option : **1**

Q.8 A dealer sells his goods at a profit of 20%, but uses a weight of 800 g in place of a kg weight. Find his real gain percentage.

Ans

✘ 1. 40%

✘ 2. 44%

✔ 3. 50%

✘ 4. 42%

Question ID : **26433063864**
Status : **Answered**
Chosen Option : **3**

Q.9 The circumference of the two circles is 264 cm and 396 cm respectively. What is the difference between their radii?

Ans

✘ 1. 25 cm

✘ 2. 32 cm

✘ 3. 16 cm

✔ 4. 21 cm

Question ID : **264330105855**
Status : **Answered**
Chosen Option : **4**

Q.10

Ans

✗ 1. 3 cm

✓ 2. 2 cm

✗ 3. 1 cm

✗ 4. 4 cm

Question ID : **26433074247**
Status : **Answered**
Chosen Option : **2**

Q.11 **In how much time will a sum of Rs. 10200 amounts to Rs. 19125 at the rate of 12.5 percent per annum at simple interest?**

Ans

✗ 1. 6 years

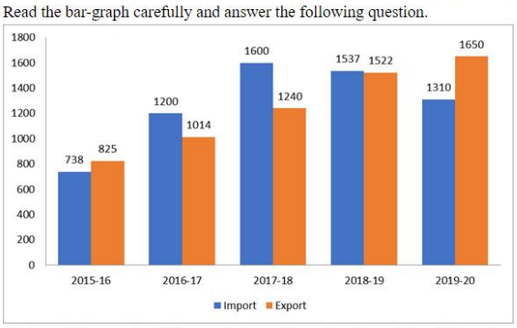
✗ 2. 5 years

✗ 3. 8 years

✓ 4. 7 years

Question ID : **264330105683**
Status : **Answered**
Chosen Option : **4**

Q.12 The import and export of a country (in lakhs rupees) during a certain period of time is given in the following bar-graph.
Read the bar-graph carefully and answer the following question.



During which year the difference between import and export is minimum?

Ans

✓ 1. 2018 - 19

✗ 2. 2019 - 20

✗ 3. 2016 - 17

✗ 4. 2017 - 18

Question ID : **26433080344**
Status : **Answered**
Chosen Option : **1**

Q.13 If $5\sin^2 A + 3\cos^2 A = 4$, $0 < A < 90°$, then what is the value of $\tan A$?

Ans

✗ 1. 0

✗ 2. 3

✓ 3. 1

✗ 4. 2

Question ID : **26433061106**
Status : **Answered**
Chosen Option : **3**

Q.14 **In a hotel, there are 120 staff members. Their average weight is 62.5 kg. When one of the staff members leaves the hotel, the average weight is reduced by 250 g. Find the weight of the staff member who left the hotel.**

Ans

✗ 1. 64.25 kg

✗ 2. 78.75 kg

✗ 3. 90.50 kg

✓ 4. 92.25 kg

Question ID : **26433074914**
Status : **Answered**
Chosen Option : **4**

Q.15 **Anshu, Swati and Rajni can finish a work in 4 days if they work together. However, Anshu alone will take 9 days to complete the work, and Swati alone will complete the work in 12 days. How many days will Rajni alone take to complete the work?**

Ans

✓ 1. 18

✗ 2. 12

✗ 3. 24

✗ 4. 16

Question ID : **26433075079**
Status : **Answered**
Chosen Option : **1**

Q.16

The value of $\frac{(p-q)^3+(q-r)^3+(r-p)^3}{12(p-q)(q-r)(r-p)}$, where $p \neq q \neq r$, is equal to:

Ans

✗ 1. $\frac{1}{9}$

✗ 2. $\frac{1}{3}$

✓ 3. $\frac{1}{4}$

✗ 4. $\frac{1}{2}$

Question ID : **26433080237**
Status : **Answered**
Chosen Option : **3**

Q.17 Calculate the mean from the following table.

Scores	Frequencies
0-10	2
10-20	4
20-30	12
30-40	21
40-50	6
50-60	3
60-70	2

Ans
✗ 1. 34.2
✓ 2. 33.4
✗ 3. 32.6
✗ 4. 35.8

Question ID : **26433092156**
Status : **Not Answered**
Chosen Option : **--**

Q.18 **The table given below shows the number of books sold by 7 shops.**

Shops	Books
A	34
B	48
C	50
D	100
E	64
F	110
G	16

What is the difference between number of books sold by A and B together and the number of books sold by E and F together?

Ans
✗ 1. 82
✗ 2. 96
✓ 3. 92
✗ 4. 174

Question ID : **264330105705**
Status : **Answered**
Chosen Option : **3**

Q.19 ABC is an isosceles triangle such that AB = AC, ∠ABC = 55°, and AD is the median to the base BC. Find the measure of ∠BAD.

Ans

✗ 1. $50°$

✗ 2. $55°$

✓ 3. $35°$

✗ 4. $90°$

Question ID : **26433075013**
Status : **Answered**
Chosen Option : **3**

Q.20 **What is the value of** $(a+b)^3 - a^3 + b^3$ **?**

Ans

✗ 1. $-3ab(a - b) + 2b^3$

✓ 2. $3ab(a + b) + 2b^3$

✗ 3. $3ab(a - b)\, b^3$

✗ 4. $-3ab(a + b) + b^3$

Question ID : **264330105938**
Status : **Answered**
Chosen Option : **2**

Q.21 **What is the value of sin 28° sin 35° sin 45° sec 62° sec 55°?**

Ans

✗ 1. 2

✓ 2. $\frac{1}{\sqrt{2}}$

✗ 3. $\sqrt{2}$

✗ 4. 1/2

Question ID : **264330105895**
Status : **Answered**
Chosen Option : **2**

Q.22 The third proportional of a and $\frac{b^4}{4a}$ is:

Ans

✗ 1. $\frac{b^8}{16a^2}$

✗ 2. $\frac{b^8}{8a^2}$

✗ 3. $\frac{b^8}{8a^3}$

✓ 4. $\frac{b^8}{16a^3}$

Question ID : **26433066177**
Status : **Answered**
Chosen Option : **4**

Q.23 **A solid cone of height 42 cm with diameter of its base 42 cm is cut out from a wooden solid sphere of radius 24 cm. Find the percentage of wood wasted correct to two places of decimal.**

Ans

✗ 1. 75.56%

✗ 2. 56.65%

✓ 3. 66.50%

✗ 4. 67.50%

Question ID : **26433065022**
Status : **Answered**
Chosen Option : **3**

Q.24 **The largest 5-digit number that is exactly divisible by 88 is:**

Ans

✓ 1. 99968

✗ 2. 99689

✗ 3. 68999

✗ 4. 66698

Question ID : **26433072993**
Status : **Answered**
Chosen Option : **1**

Q.25 The following table shows the marks of three students in different subjects. Marks in all subjects are from 100.

Name	Maths	Hindi	Science	English	IT	Sanskrit
Ajay	73	78	81	88	77	70
Sudhir	71	78	84	77	70	71
Suman	72	77	82	92	71	72

In which of the following subjects did the students perform the best in aggregate?

Ans

✗ 1. Hindi

✗ 2. IT

✓ 3. English

✗ 4. Science

Question ID : **26433082516**
Status : **Answered**
Chosen Option : **3**

Section : **English Comprehension**

Q.1 **Select the most appropriate option to complete the given sentence.**
The news of his arrest spread rapidly in every _____ of the city.

Ans

✗ 1. rack and ruin

✗ 2. ins and outs

✓ 3. nook and corner

✗ 4. life and soul

Question ID : **26433084703**
Status : **Answered**
Chosen Option : **3**

Q.2 **Select the correct passive form of the given sentence.**
A stranger buys flowers for the dead man's grave.

Ans
✗ 1. Flowers is bought by a stranger for the dead man's grave.
✗ 2. Flowers were bought by a stranger for the dead man's grave.
✗ 3. Flowers have been bought by a stranger for the dead man's grave.
✓ 4. Flowers are bought by a stranger for the dead man's grave.

Question ID : **264330104554**
Status : **Answered**
Chosen Option : **4**

Q.3 **Select the correct direct form of the given sentence.**
He said that he was sorry for all that.

Ans
✗ 1. "I am sorry for all then." He says.
✗ 2. "I was sorry for all this." He said.
✗ 3. "I am sorry for all that." He says.
✓ 4. "I am sorry for all this." He said.

Question ID : **264330104626**
Status : **Answered**
Chosen Option : **4**

Q.4 **Select the most appropriate synonym of the underlined word in the given sentence.**

I could not sleep because I was too eager, so I got up early and dressed.

Ans
✗ 1. Apathetic
✗ 2. Tensed
✗ 3. Satisfied
✓ 4. Exhilarated

Question ID : **26433060359**
Status : **Answered**
Chosen Option : **4**

Q.5 **Select the INCORRECTLY spelt word in the following sentence.**
The ruthless story of Pankaj's assassination in the Carribean islands is thrilling to read.

Ans
✗ 1. Thrilling
✓ 2. Carribean
✗ 3. assassination
✗ 4. ruthless

Question ID : **26433058607**
Status : **Answered**
Chosen Option : **2**

Q.6 **Select the option that expresses the given sentence in passive voice.**

The sewage water smells foul.

Ans
✗ 1. Foul is smelt by the sewage water.
✗ 2. The sewage water is foul when it is smelt.
✗ 3. The sewage water has a foul smell.
✓ 4. Passive construction is not possible.

Question ID : **26433072472**
Status : **Answered**
Chosen Option : **2**

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

The activist is working really hard and was determined to _____ for this cause.

Ans
1. have feet of clay
2. blow his own trumpet
3. move heaven and earth
4. keep the wolf from the door

Question ID : **26433070551**
Status : **Answered**
Chosen Option : **3**

Q.8 **Select the INCORRECTLY spelt word in the following sentence.**
Being a conscentious and single-minded person, Tubai has become inquisitive and perseverant in exploring young talents.

Ans
1. inquisitive
2. perseverant
3. conscentious
4. exploring

Question ID : **26433058613**
Status : **Answered**
Chosen Option : **3**

Q.9 **Select the option that can be used as a one-word substitute for the given group of words.**
A battle or anything involving or causing much bloodshed

Ans
1. Autocracy
2. Sanguinary
3. Ineffable
4. Redtapism

Question ID : **26433060183**
Status : **Answered**
Chosen Option : **2**

Q.10 **Rearrange the parts of the sentence in correct order.**
In addition to
P. primary threat to the Kemp's ridley sea turtle
Q. capture in fishing gear like shrimp
R. threatened nesting habitat, accidental
S. trawls and gill nets continues to be the

Ans
1. SPQR
2. SQRP
3. RQSP
4. PQSR

Question ID : **264330104649**
Status : **Answered**
Chosen Option : **3**

Q.11 **Select the most appropriate synonym of the underlined word.**

The heavy and abundant rainfall has a major role to play in the production of crops.

Ans
✗ 1. Cyclonic
✗ 2. Intermittent
✓ 3. Ample
✗ 4. Prolonged

Question ID : **26433071781**
Status : **Answered**
Chosen Option : **3**

Q.12 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**
Computers and mobile phones have become a necessary and important part of our lives.

Ans
✗ 1. a requisite
✓ 2. an essential
✗ 3. a required
✗ 4. a needed

Question ID : **26433086466**
Status : **Answered**
Chosen Option : **2**

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

Truth can never be concealed from anyone.

Ans
✗ 1. Separated
✗ 2. Borrowed
✓ 3. Disguised
✗ 4. Snatched

Question ID : **26433071958**
Status : **Answered**
Chosen Option : **3**

Q.14 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**

He will talk about nothing but films.

Ans
✗ 1. was talking at
✗ 2. is talking in
✗ 3. shall talking of
✓ 4. talks about

Question ID : **26433073838**
Status : **Answered**
Chosen Option : **4**

Q.15 **Parts of the following sentence have been given as options. Select the option that contains a grammatical error.**

She is quiet a generous woman / to have donated / such a large amount / for the flood affected people.

Ans

✗ 1. to have donated

✗ 2. for the flood affected people.

✗ 3. such a large amount

✓ 4. She is quiet a generous woman

Question ID : **26433073828**
Status : **Answered**
Chosen Option : **1**

Q.16 **Select the most appropriate option to fill in the blank.**
He is diligent, therefore he will _____.

Ans

✗ 1. remain

✓ 2. succeed

✗ 3. fail

✗ 4. fall

Question ID : **26433086341**
Status : **Answered**
Chosen Option : **2**

Q.17 **Select the sentence with the appropriate use of preposition.**

Ans

✗ 1. He arrived to Sunday morning.

✗ 2. He arrived at Sunday morning.

✗ 3. He arrived in Sunday morning.

✓ 4. He arrived on Sunday morning.

Question ID : **26433073890**
Status : **Answered**
Chosen Option : **4**

Q.18 **Select the most appropriate option to substitute the underlined segment in the given sentence.**
After a prolonged discussion, Gayatri got a permission from her parents to study law.

Ans

✗ 1. got the permission

✗ 2. got proper permission

✓ 3. got permission

✗ 4. got her permission

Question ID : **26433085582**
Status : **Answered**
Chosen Option : **1**

Q.19 **Select the most appropriate meaning of the underlined idiom that can be substituted in the following sentence.**

I begged him to reconsider my application, but he <u>put his foot down</u>.

Ans

✗ 1. stamped his foot down

✗ 2. agreed to reconsider

✓ 3. refused to yield

✗ 4. did not run

Question ID : **26433072225**
Status : **Answered**
Chosen Option : **3**

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

Care

Ans

✗ 1. Concern

✓ 2. Disregard

✗ 3. Worry

✗ 4. Attention

Question ID : **26433060897**
Status : **Answered**
Chosen Option : **2**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Child marriage is a kind of right exploitation as to (1)_____ in practically all areas, the kid must be at least 18 years old. As a result, marrying off a kid before they reach the age of (2)_____ is an exploitation of their right. The long-standing (3)_____ of child marriage is one of the most prevalent reasons of child marriage. The elders want to plan for the (4)_____ of their family, so they marry off the children to establish their position. Most crucially, poor individuals marry children to get rid of their debts, taxes, dowry, and other (5)_____.

SubQuestion No : 21

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

Ans

✗ 1. bind

✗ 2. mature

✓ 3. marry

✗ 4. vote

Question ID : **26433084868**
Status : **Answered**
Chosen Option : **4**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Child marriage is a kind of right exploitation as to (1)_____ in practically all areas, the kid must be at least 18 years old. As a result, marrying off a kid before they reach the age of (2)_____ is an exploitation of their right. The long-standing (3)_____ of child marriage is one of the most prevalent reasons of child marriage. The elders want to plan for the (4)_____ of their family, so they marry off the children to establish their position. Most crucially, poor individuals marry children to get rid of their debts, taxes, dowry, and other (5)_____.

SubQuestion No : 22

Q.22 Select the most appropriate answer to fill in blank 2.

Ans

✗ 1. restrain

✗ 2. adult

✓ 3. consent

✗ 4. growth

Question ID : **26433084869**
Status : **Answered**
Chosen Option : **2**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Child marriage is a kind of right exploitation as to (1)_____ in practically all areas, the kid must be at least 18 years old. As a result, marrying off a kid before they reach the age of (2)_____ is an exploitation of their right. The long-standing (3)_____ of child marriage is one of the most prevalent reasons of child marriage. The elders want to plan for the (4)_____ of their family, so they marry off the children to establish their position. Most crucially, poor individuals marry children to get rid of their debts, taxes, dowry, and other (5)_____.

SubQuestion No : 23

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

Ans

✓ 1. custom

✗ 2. taboo

✗ 3. faith

✗ 4. hassle

Question ID : **26433084870**
Status : **Answered**
Chosen Option : **1**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Child marriage is a kind of right exploitation as to (1)_____ in practically all areas, the kid must be at least 18 years old. As a result, marrying off a kid before they reach the age of (2)_____ is an exploitation of their right. The long-standing (3)_____ of child marriage is one of the most prevalent reasons of child marriage. The elders want to plan for the (4)_____ of their family, so they marry off the children to establish their position. Most crucially, poor individuals marry children to get rid of their debts, taxes, dowry, and other (5)_____.

SubQuestion No : 24

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

Ans

✗ 1. evolution

✓ 2. extension

✗ 3. coalition

✗ 4. creation

Question ID : **26433084871**
Status : **Answered**
Chosen Option : **2**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Child marriage is a kind of right exploitation as to (1)_____ in practically all areas, the kid must be at least 18 years old. As a result, marrying off a kid before they reach the age of (2)_____ is an exploitation of their right. The long-standing (3)_____ of child marriage is one of the most prevalent reasons of child marriage. The elders want to plan for the (4)_____ of their family, so they marry off the children to establish their position. Most crucially, poor individuals marry children to get rid of their debts, taxes, dowry, and other (5)_____.

SubQuestion No : 25

Q.25 Select the most appropriate answer to fill in blank 5.

Ans

✗ 1. evils

✗ 2. activities

✓ 3. obligations

✗ 4. mitigations

Question ID : **26433084872**
Status : **Answered**
Chosen Option : **3**