Combined Graduate Level Examination Tier I 2022

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ Azad Puram
Exam Date	03/12/2022
Exam Time	2:30 PM - 3:30 PM
Subject	Combined Graduate Level Examination Tier I 2022

Section : **General Intelligence and Reasoning**

Q.1 **Which of the following interchange of mathematical signs would make the given equation correct?**
20 ÷ 4 × 8 + 16 − 15 = 11

Ans
✗ 1. −, ÷
✗ 2. +, −
✓ 3. ×, ÷
✗ 4. +, ×

Question ID : **26433087050**
Status : **Answered**
Chosen Option : **3**

Q.2 **A + B का अर्थ है कि 'A , B के पिता है'**
A * B का अर्थ है कि 'A , B की बहन है'
A % B का अर्थ है कि 'A , B की पुत्री है'
A $ B का अर्थ है कि 'A , B का पुत्र है'
यदि L % M + N * O $ P है, तो L का P से क्या संबंध है?

Ans
✗ 1. बहन
✓ 2. पुत्री
✗ 3. माता
✗ 4. सास

Question ID : **26433059901**
Status : **Answered**
Chosen Option : **2**

Q.3 Which of the following numbers will replace the question mark (?) in the given series?

$\frac{1}{2}, \frac{3}{4}, ?, \frac{5}{4}$

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

Question ID : **26433068591**
Status : **Answered**
Chosen Option : **1**

Q.4 **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.**
25 : 264 :: 31 : ? :: 49 : 456

Ans
✔ 1. 312
✘ 2. 314
✘ 3. 297
✘ 4. 961

Question ID : **26433068379**
Status : **Not Answered**
Chosen Option : **--**

Q.5 **In a certain code language, 'ESCAPE' is written as '49' and 'PRISON' is written as '91'. How will 'FREEDOM' be written in that language?**

Ans
✔ 1. 66
✘ 2. 59
✘ 3. 64
✘ 4. 55

Question ID : **26433067565**
Status : **Answered**
Chosen Option : **1**

Q.6 **What should come in place of the question mark (?) to complete the following letter series?**
F, E, I, G, L, I, O, ?

Ans
✘ 1. I
✘ 2. J
✘ 3. L
✔ 4. K

Question ID : **26433066001**
Status : **Answered**
Chosen Option : **4**

Q.7 **Select the option that represents the correct order of the given words as they would appear in an English dictionary.**
1- Pardoner
2- Parenthetical
3- Parental
4- Pardon
5- Parenthesis

Ans
✘ 1. 1, 4, 3, 2, 5
✘ 2. 4, 1, 3, 2, 5
✔ 3. 4, 1, 3, 5, 2
✘ 4. 1, 4, 3, 5, 2

Question ID : **26433079456**
Status : **Answered**
Chosen Option : **3**

Q.8 **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.**
11 : 94 :: 23 : ? :: 18 : 150

Ans
✔ 1. 190
✘ 2. 199
✘ 3. 129
✘ 4. 109

Question ID : **26433078944**
Status : **Answered**
Chosen Option : **1**

Q.9 **Based on the position in the English alphabetical order, three of the following letter-clusters are alike in some manner and one is different. Select the odd letter-cluster.**

Ans
✘ 1. IGMJ
✔ 2. SPVT
✘ 3. DBHE
✘ 4. NLRO

Question ID : **26433065666**
Status : **Answered**
Chosen Option : **2**

Q.10 **Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.**
25 * 4 * 6 * 2 * 17

Ans
✘ 1. −, +, ×, =
✘ 2. +, −, =, +
✘ 3. +, −, ÷, =
✔ 4. +, −, ×, =

Question ID : **26433068562**
Status : **Answered**
Chosen Option : **3**

Q.11 **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).
(0.20, 5, 25)
(0.083, 12, 144)

Ans
✘ 1. (0.240, 4, 16)
✘ 2. (0.143, 6, 36)
✘ 3. (0.056, 18, 289)
✔ 4. (0.063, 16, 256)

Question ID : **26433074556**
Status : **Answered**
Chosen Option : **1**

Q.12 **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 pens are books.
All books are compasses.
Some compasses are pins.
Conclusions:
I. Some compasses are pens.
II. All compasses are pens.
III. Some pins are books.
IV. Some compasses are books.

Ans

✗ 1. Only conclusions I and II follow

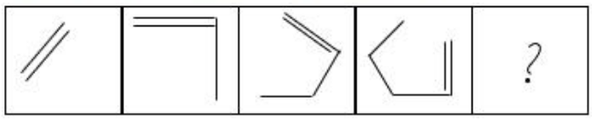
✗ 2. Only conclusions II and III follow

✓ 3. Only conclusions I and IV follow

✗ 4. Only conclusions III and IV follow

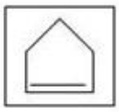
Question ID : **26433068555**
Status : **Answered**
Chosen Option : **3**

Q.13 Select the figure that will come next in the following figure series.



Ans

✗ 1.

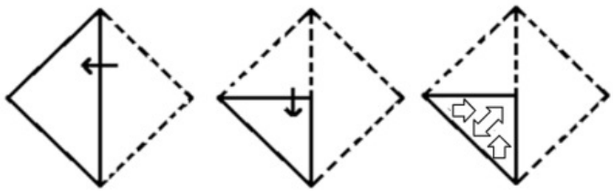
✗ 2. 

✗ 3.

✓ 4.

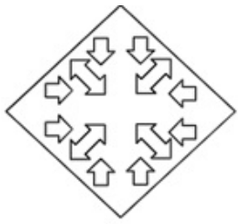
Question ID : **26433068467**
Status : **Answered**
Chosen Option : **2**

Q.14 A paper is folded and cut as shown below. How will it appear when unfolded?

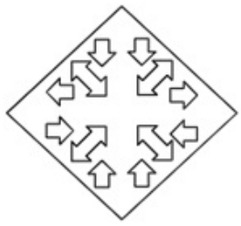


Ans

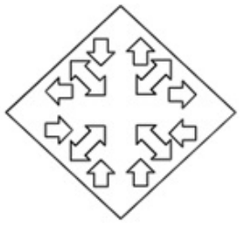
✔ 1.



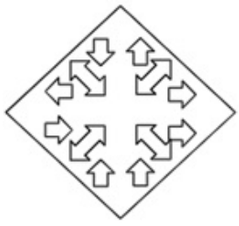
✘ 2.



✘ 3.



✘ 4.



Question ID : **26433080555**
Status : **Answered**
Chosen Option : **1**

Q.15 **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. 6 – 60

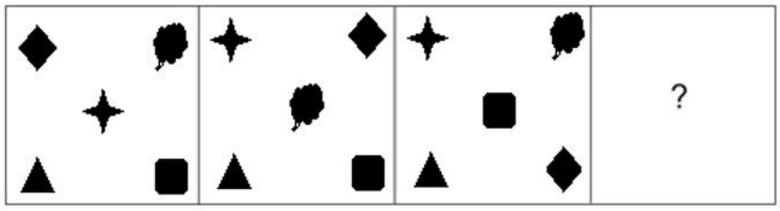
✔ 2. 2 – 18

✘ 3. 4 – 40

✘ 4. 8 – 80

Question ID : **264330105051**
Status : **Answered**
Chosen Option : **2**

Q.16 Select the figure that will come next in the following figure series.



Ans

✗ 1.

✓ 2.

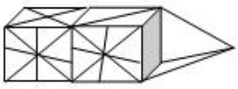
✗ 3.

✗ 4.

Question ID : **26433083103**
Status : **Answered**
Chosen Option : **3**

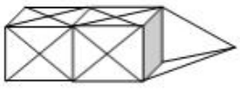
Q.17 Select the option in which the given figure is embedded (rotation is NOT allowed).

Ans

✗ 1. 

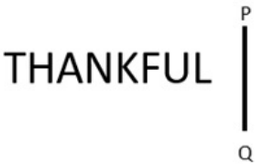
✗ 2.

✗ 3.

✓ 4. 

Question ID : **26433068297**
Status : **Answered**
Chosen Option : **2**

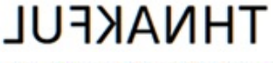
Q.18 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown below.



Ans

✗ 1.

✓ 2.

✗ 3. 

✗ 4.

Question ID : **26433067824**
Status : **Answered**
Chosen Option : **2**

Q.19 **If P ÷ Q means that P is the mother of Q, P × Q means that P is the father of Q, P – Q means that P is the sister of Q, then which of the following expression shows that A is the father of C?**

Ans

✗ 1. B × A – C

✓ 2. A × B – C

✗ 3. A × B ÷ C

✗ 4. A – B × C

Question ID : **264330104976**
Status : **Answered**
Chosen Option : **2**

Q.20 **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. Some S are C.
II. Some C are D.
Conclusions:
I. All D are S.
II. Some C are S.
III. Some D are C.

Ans
✗ 1. Both conclusions I and II follows
✓ 2. Both conclusions II and III follows
✗ 3. Both conclusions I and III follows
✗ 4. All conclusion follows

Question ID : **264330104958**
Status : **Answered**
Chosen Option : **2**

Q.21 **In a certain code language, 'DOVE' is coded as '1122214' and 'CROW' is coded as '823311'. How will 'MYNA' be coded in that language?**

Ans
✗ 1. 1121512
✓ 2. 1132512
✗ 3. 1132412
✗ 4. 1132522

Question ID : **26433067342**
Status : **Not Answered**
Chosen Option : **--**

Q.22 **By interchanging the given two signs and numbers which of the following equation will be correct?**
– and +, 6 and 3

Ans
✗ 1. 7 – 3 × 2 ÷ 6 + 4 = 17
✓ 2. 8 × 3 – 6 + 4 ÷ 2 = 49
✗ 3. 7 + 6 ÷ 3 × 8 – 5 = 35
✗ 4. 9 – 6 × 4 + 3 × 7 = 8

Question ID : **264330105139**
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)
Hibiscus : Flower

Ans
✓ 1. Pumpkin : Fruit
✗ 2. Beans : Protein
✗ 3. Leaf : Green
✗ 4. Tree : Trunk

Question ID : **26433068422**
Status : **Answered**
Chosen Option : **1**

Q.24 Which of the following terms will replace the question mark (?) in the given series?

ZXE ZWD ZVC ? ZTA

Ans
✗ 1. ZAB
✗ 2. SUB
✓ 3. ZUB
✗ 4. ZUC

Question ID : **26433085326**
Status : **Answered**
Chosen Option : **3**

Q.25 **Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.**
COOK : DQPM :: DOWN : EQXP :: ONLY : ?

Ans
✓ 1. PPMA
✗ 2. PPMB
✗ 3. PQMA
✗ 4. PQMB

Question ID : **26433068512**
Status : **Answered**
Chosen Option : **3**

Section : **General Awareness**

Q.1 **निम्नलिखित में से कौन ग्रैमी पुरस्कार जीतने वाले पहले भारतीय थे?**

Ans
✓ 1. पंडित रवि शंकर
✗ 2. पंडित शिव कुमार शर्मा
✗ 3. पंडित विश्व मोहन भट्ट
✗ 4. उस्ताद जाकिर हुसैन

Question ID : **26433054483**
Status : **Answered**
Chosen Option : **1**

Q.2 **Chemical formula of gypsum is _____.**

Ans
✓ 1. $CaSO_4.2H_2O$
✗ 2. $CaSO_4.H_2O$
✗ 3. $CaSO_4$
✗ 4. $CaSO_4.(1/2)H_2O$

Question ID : **264330105488**
Status : **Answered**
Chosen Option : **4**

Q.3 **Wangala festival is celebrated by which of the following tribes?**

Ans
✗ 1. Bhil tribe
✓ 2. Garo tribe
✗ 3. Tharu tribe
✗ 4. Bhutia tribe

Question ID : **26433086581**
Status : **Answered**
Chosen Option : **1**

Q.4 **Which Article deals with the 'Power of Parliament to amend the Constitution and procedure therefor'?**

Ans
✗ 1. Article 352
✗ 2. Article 249
✓ 3. Article 368
✗ 4. Article 356

Question ID : **26433074841**
Status : **Answered**
Chosen Option : **3**

Q.5 **Name the first Odissi classical dancer from Odisha who was conferred the Padma Vibhushan Award.**

Ans
✓ 1. Kelucharan Mohapatra
✗ 2. Bijayini Satpathy
✗ 3. Sonal Mansingh
✗ 4. Gangadhar Pradhan

Question ID : **26433082128**
Status : **Answered**
Chosen Option : **1**

Q.6 **The official draw for FIFA U-17 Women's World Cup India 2022 will be held in:**

Ans
✗ 1. China PR
✗ 2. Brazil
✗ 3. India
✓ 4. Zurich

Question ID : **26433059384**
Status : **Answered**
Chosen Option : **3**

Q.7 **_____ is a record of assets and liabilities of any firm.**

Ans
✗ 1. Bill file
✗ 2. Balance of payment
✓ 3. Balance sheet
✗ 4. Bank bailout

Question ID : **264330105375**
Status : **Answered**
Chosen Option : **3**

Q.8 **निम्नलिखित में से कौन सा कथन सही है?**
I. परिवार कल्याण कार्यक्रम ने अनिवार्य आधार पर जिम्मेदार और योजनाबद्ध पितृत्व को बढ़ावा देने की मांग की है।
II. राष्ट्रीय जनसंख्या नीति 2000, 14 वर्ष की आयु तक मुफ्त और अनिवार्य शिक्षा प्रदान करने के लिए एक नीतिगत ढांचा प्रदान करती है।

Ans
✗ 1. ना ही I ना ही II
✗ 2. केवल I
✓ 3. केवल II
✗ 4. I तथा II दोनों

Question ID : **264330105498**
Status : **Answered**
Chosen Option : **4**

Q.9 इवेंजेलिस्टा टोरिसेली किस खोज के लिए प्रसिद्ध हैं?

Ans
✗ 1. स्प्रिंग तुला के आविष्कार
✗ 2. पीज़ोमीटर के आविष्कार
✓ 3. मरकरी बैरोमीटर के आविष्कार
✗ 4. वैक्यूम गेज के आविष्कार

Question ID : **26433064091**
Status : **Not Answered**
Chosen Option : **--**

Q.10 Who was considered as last powerful Mughal ruler of India?

Ans
✗ 1. Akbar
✓ 2. Aurangzeb
✗ 3. Akbar II
✗ 4. Shahjahan

Question ID : **264330105544**
Status : **Answered**
Chosen Option : **4**

Q.11 Which state government has launched the CHHATA scheme to improve groundwater table in September 2022?

Ans
✗ 1. Uttar Pradesh
✗ 2. Madhya Pradesh
✗ 3. Karnataka
✓ 4. Odisha

Question ID : **264330105310**
Status : **Answered**
Chosen Option : **2**

Q.12 The minimum period of time taken upto which the weather variations are considered to predict the climate of a place is _____ years.

Ans
✗ 1. 20
✗ 2. 25
✗ 3. 10
✓ 4. 30

Question ID : **264330105667**
Status : **Not Answered**
Chosen Option : **--**

Q.13 The length of a Beach Volleyball court is:

Ans
✗ 1. 12 m
✓ 2. 16 m
✗ 3. 20 m
✗ 4. 15 m

Question ID : **26433059429**
Status : **Not Answered**
Chosen Option : **--**

Q.14 निम्नलिखित में से हड़प्पा सभ्यता के किस पुरास्थल में जेडाइट पत्थर पाया गया था?

Ans
✗ 1. महागढ़ा
✗ 2. मेहरगढ़
✗ 3. हल्लूर
✓ 4. दाओजली हेडिंग

Question ID : **264330105167**
Status : **Not Answered**
Chosen Option : **--**

Q.15 _____ has been elected as the 36th President of the Board of Control for Cricket in India.

Ans
✗ 1. Ravi Kumar S
✓ 2. Roger Binny
✗ 3. Pradeep Singh Kharola
✗ 4. Bhushan Akshikar

Question ID : **264330105341**
Status : **Answered**
Chosen Option : **3**

Q.16 For pregnant women, a Special Health Care Abhiyan 'Anchal' has been launched in _____.

Ans
✗ 1. Gujarat
✓ 2. Rajasthan
✗ 3. Haryana
✗ 4. Punjab

Question ID : **264330105270**
Status : **Not Answered**
Chosen Option : **--**

Q.17 Which of the following are members of 15 naturally occurring metallic chemical elements whose atomic numbers are between 57 and 71?

Ans
✗ 1. Alkali Metals
✓ 2. Lanthanides
✗ 3. Halogens
✗ 4. Actinides

Question ID : **26433064089**
Status : **Answered**
Chosen Option : **2**

Q.18 In the beginning of the 19^{th} century cotton mills in India were mostly located in which of the following states?

Ans
✗ 1. Assam
✗ 2. Punjab
✓ 3. Maharashtra
✗ 4. Haryana

Question ID : **26433092875**
Status : **Answered**
Chosen Option : **3**

Q.19 Dadabhai Naoroji offered a scathing criticism of the economic impact of British rule through his book entitled '_____'.

Ans

✗ 1. India Today

✗ 2. The Idea of India

✓ 3. Poverty and Un-British Rule in India

✗ 4. The History of British India

Question ID : **26433085294**
Status : **Answered**
Chosen Option : **3**

Q.20 In March 2022, Pramod Sawant became the _____ Chief Minister of Goa.

Ans

✗ 1. 10^{th}

✓ 2. 13^{th}

✗ 3. 15^{th}

✗ 4. 11^{th}

Question ID : **26433054558**
Status : **Not Answered**
Chosen Option : **--**

Q.21 Identify an option that does NOT represent prokaryotic cells.

Ans

✗ 1. Mycoplasma

✗ 2. Blue-green alga

✓ 3. Sperm

✗ 4. Pleuropneumonia-like organism

Question ID : **26433087867**
Status : **Answered**
Chosen Option : **1**

Q.22 Which of the following is NOT an aid or auxiliary to trade?

Ans

✓ 1. Hoarding

✗ 2. Insurance

✗ 3. Warehousing

✗ 4. Transportation

Question ID : **26433064522**
Status : **Answered**
Chosen Option : **1**

Q.23 Who is known as the Father of Geology?

Ans

✗ 1. John Butler

✗ 2. Alfred Wegener

✓ 3. James Hutton

✗ 4. Art Smith

Question ID : **26433066702**
Status : **Answered**
Chosen Option : **2**

Q.24 **Mirza Kamran was the brother of which Mughal emperor?**

Ans

✔ 1. Humayun

✘ 2. Akbar

✘ 3. Jahangir

✘ 4. Shah Jahan

Question ID : **264330105433**
Status : **Answered**
Chosen Option : **1**

Q.25 **Which of the following folk dances is primarily performed in the Indian state of Bihar?**

Ans

✘ 1. Ghoomar

✘ 2. Kalbeliya

✔ 3. Bidesia

✘ 4. Kummatti

Question ID : **26433064292**
Status : **Answered**
Chosen Option : **3**

Section : **Quantitative Aptitude**

Q.1 **The radius of a right circular cylinder is thrice of its height. If the height of the cylinder is 2.1 cm, then what is the volume of cylinder?**

Ans

✘ 1. 224.65 cm^3

✘ 2. 194.72 cm^3

✘ 3. 324.86 cm^3

✔ 4. 261.95 cm^3

Question ID : **264330105886**
Status : **Answered**
Chosen Option : **4**

Q.2 **5 men and 8 women can complete a work in 12 days working together, while 3 men and 7 women together can complete the same work in 15 days. In how many days will 11 women complete the same work?**

Ans

✔ 1. 12

✘ 2. 8

✘ 3. 6

✘ 4. 16

Question ID : **26433076404**
Status : **Answered**
Chosen Option : **1**

Q.3 Study the given table and answer the question that follows.

The daily wages of 50 employees of a company is shown in the table.

Daily wages Interval	Frequency (No. of Employee)
80-90	9
90-100	3
100-110	31
110-120	5
120-130	2

Select the correct statement from the following options.

Ans
✗ 1. The average wage of the employees lie between 80-90.
✗ 2. The average wage of the employees lie between 110-120.
✓ 3. The average wage of the employees lie between 100-110.
✗ 4. The average wage of the employees lie between 90-100.

Question ID : **26433082690**
Status : **Answered**
Chosen Option : **3**

Q.4 If $\frac{k-k\cot^2 30^\circ}{1+\cot^2 30^\circ} = \sin^2 60^\circ + 4\tan^2 45^\circ - \operatorname{cosec}^2 60^\circ$, then the value of k (correct to two decimal places) is:

Ans
✗ 1. 5.55
✓ 2. –6.83
✗ 3. –5.58
✗ 4. 6.83

Question ID : **26433075027**
Status : **Answered**
Chosen Option : **2**

Q.5 **A man bought a watch for 12% discount. If he had bought it for 24% discount, he would have got the watch for ₹2400 less. The marked price of the watch is:**

Ans
✗ 1. ₹30,000
✗ 2. ₹22,500
✓ 3. ₹20,000
✗ 4. ₹25,000

Question ID : **26433076270**
Status : **Answered**
Chosen Option : **3**

Q.6 **If the price of salt decreases by 20%, then by what percentage should consumption be increased to keep the expenditure same?**

Ans
✗ 1. 26%
✗ 2. 27%
✓ 3. 25%
✗ 4. 24%

Question ID : **26433075876**
Status : **Answered**
Chosen Option : **3**

Q.7 A solid copper sphere of radius 9 cm is hammered and moulded into a wire of radius 2 cm. What is the length of this wire?

Ans

✗ 1. 224 cm

✗ 2. 183 cm

✗ 3. 198 cm

✓ 4. 243 cm

Question ID : **26433063972**
Status : **Answered**
Chosen Option : **4**

Q.8 Which smallest positive number should be subtracted from each of 9 and 13 so that 18 is the third proportion to them?

Ans

✗ 1. 2

✗ 2. 4

✗ 3. 3

✓ 4. 1

Question ID : **26433063942**
Status : **Answered**
Chosen Option : **4**

Q.9 A company employed 700 men and 300 women and the average wage was Rs.450 per day. If a man got Rs.50 more than a woman, then the daily wage of the woman is:

Ans

✗ 1. Rs.350

✗ 2. Rs.375

✓ 3. Rs.415

✗ 4. Rs.435

Question ID : **26433061129**
Status : **Answered**
Chosen Option : **4**

Q.10 A,B,C are three angles of a triangle. If A - B = 45° and B - C = 15° then ∠A = ?

Ans

✗ 1. 83°

✗ 2. 85°

✓ 3. 95°

✗ 4. 75°

Question ID : **26433075420**
Status : **Answered**
Chosen Option : **3**

Q.11 If $8a^3 + 27b^3 = 16$ and $2a + 3b = 4$,then find the value of $16a^4 + 81b^4$.

Ans

✗ 1. 26

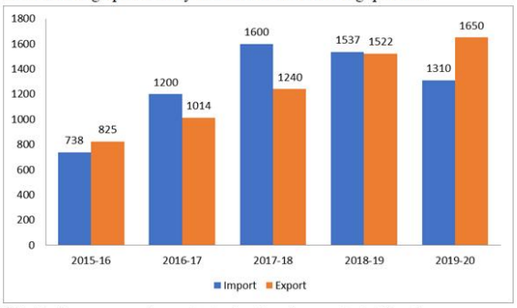
✗ 2. 30

✗ 3. 28

✓ 4. 32

Question ID : **26433083026**
Status : **Not Answered**
Chosen Option : **--**

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.



What is the average of exports during the given period of time?

Ans
✔ 1. Rs.1,250.2 lakhs
✘ 2. Rs.1,240.0 lakhs
✘ 3. Rs.1,248.2 lakhs
✘ 4. Rs.1,115.4 lakhs

Question ID : **26433080346**
Status : **Answered**
Chosen Option : **1**

Q.13 **If the cost price is 72% of the selling price, then what is the percentage of profit? (Correct to 2 decimal places)**

Ans
✔ 1. 38.89%
✘ 2. 35.75%
✘ 3. 32.25%
✘ 4. 28.75%

Question ID : **26433063691**
Status : **Answered**
Chosen Option : **1**

Q.14 **What would be the compound interest on Rs.15,750 at 20% per annum, in two years, if the interest is compounded half yearly?**

Ans
✘ 1. Rs.5,213.25
✘ 2. Rs.3,307.5
✘ 3. Rs.7,305.975
✔ 4. Rs.7,309.575

Question ID : **26433092147**
Status : **Answered**
Chosen Option : **3**

Q.15 **एक पुलिसकर्मी को 500 m की दूरी पर चेन स्नैचर दिखाई देता है। वह 5m/s की चाल से दौड़ रहे चेन स्नैचर का पीछा करना शुरू कर देता है, जबकि पुलिसकर्मी 15 m/s की चाल से उसका पीछा कर रहा होता है। जब चेन स्नैचर को पुलिसकर्मी द्वारा पकड़ा जाता है, तब तक चेन स्नैचर कितनी दूरी तय कर चुका होगा?**

Ans
✘ 1. 200 m
✘ 2. 180 m
✘ 3. 150 m
✔ 4. 250 m

Question ID : **26433083048**
Status : **Not Answered**
Chosen Option : **--**

Q.16 **A number when divided by 7 leaves remainder of 4. If the square of the same number is divided by 7, then what is the remainder?**

Ans

✗ 1. 3

✗ 2. 1

✗ 3. 4

✓ 4. 2

Question ID : **26433063767**
Status : **Answered**
Chosen Option : **4**

Q.17 The given table shows the number of new employees joined in different categories of employees in an organisation and also the number of employees from these categories who left the organisation every year since the foundation of the organisation in 2015. Study the table and answer the question that follows.

Year	Business Analysts		Accountants		Sales Representatives		Peons	
	Joined	Left	Joined	Left	Joined	Left	Joined	Left
2015	80	0	35	0	50	0	73	0
2016	63	21	26	16	46	20	34	23
2017	78	28	15	5	38	15	48	29
2018	42	39	20	38	34	0	14	12
2019	67	44	14	24	22	30	21	30

During the years given, what is the difference between the total number of Business Analysts who joined the organisation and the total number of Sales Representatives who joined the organisation?

Ans

✗ 1. 141

✓ 2. 140

✗ 3. 142

✗ 4. 143

Question ID : **26433085490**
Status : **Answered**
Chosen Option : **2**

Q.18 **If cot B = 9, then what will be the value of sec^2 B?**

Ans

✗ 1. 98/81

✗ 2. 92/81

✗ 3. 42/81

✓ 4. 82/81

Question ID : **264330105906**
Status : **Answered**
Chosen Option : **4**

Q.19 मान लीजिए O एक वृत्त का केंद्र है और P वृत्त के बाहर एक बिंदु है। यदि PAB, वृत्त का एक छेदक है जो वृत्त को A और B पर काटता है और PT, P से खींची गई स्पर्शरेखा है, तो PT की लंबाई ज्ञात कीजिए। PA = 3 cm और AB = 9 cm है।

Ans
✗ 1. $3\sqrt{3}$ cm
✗ 2. $4\sqrt{3}$ cm
✓ 3. 6 cm
✗ 4. 8 cm

Question ID : **26433075218**
Status : **Answered**
Chosen Option : **3**

Q.20 The value of 95 × 105 is:

Ans
✗ 1. 9981
✗ 2. 9935
✗ 3. 9965
✓ 4. 9975

Question ID : **26433079802**
Status : **Answered**
Chosen Option : **4**

Q.21 The LCM of two numbers is 120 and the numbers are in the ratio 3 : 8. The sum of the numbers will be:

Ans
✗ 1. 48
✓ 2. 55
✗ 3. 45
✗ 4. 60

Question ID : **26433075092**
Status : **Answered**
Chosen Option : **2**

Q.22 Simplify the following:

$$\frac{\cos x - \sqrt{3}\sin x}{2}$$

Ans
✗ 1. $\cos\left(\frac{\pi}{3} - x\right)$
✗ 2. $\sin\left(\frac{\pi}{3} + x\right)$
✓ 3. $\cos\left(\frac{\pi}{3} + x\right)$
✗ 4. $\sin\left(\frac{\pi}{3} - x\right)$

Question ID : **26433061938**
Status : **Answered**
Chosen Option : **1**

Q.23 Find the value of the following expression.

$12^3 + (-8)^3 + (-4)^3$

Ans

✗ 1. 952

✓ 2. 1152

✗ 3. 1052

✗ 4. 852

Question ID : **26433079814**
Status : **Answered**
Chosen Option : **2**

Q.24 **Suppose ΔABC be a right-angled triangle where ∠A = 90° and AD ⊥ BC. If area (ΔABC) = 80 cm^2 and BC = 16 cm, then the length of AD is:**

Ans

✓ 1. 10 cm

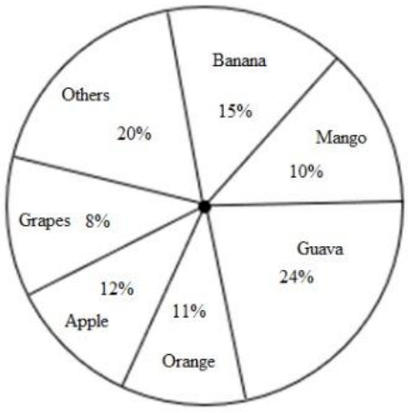
✗ 2. 24 cm

✗ 3. 18 cm

✗ 4. 12 cm

Question ID : **26433075400**
Status : **Answered**
Chosen Option : **1**

Q.25 The following pie chart represents the percentage-wise weight distribution of different fruits out of 2500 kg of fruits at one fruit shop.



What is the difference between the weights of banana and orange at the fruit shop?

Ans

✗ 1. 125 kg

✓ 2. 100 kg

✗ 3. 50 kg

✗ 4. 75 kg

Question ID : **26433080248**
Status : **Answered**
Chosen Option : **2**

Section : **English Comprehension**

Q.1 **Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.**

A.Shalini was scrolling down the phone screen while waiting for her friend.
B.Her friend brought a bouquet for Shalini from the market place.
C.When her friend arrived, they went to the market place.
D.The market place was thronging with people.

Ans
✗ 1. BACD
✗ 2. DACB
✗ 3. ABCD
✓ 4. ACDB

Question ID : **26433072376**
Status : **Answered**
Chosen Option : **4**

Q.2 **Select the most appropriate meaning of the given idiom.**

Cut a poor figure

Ans
✗ 1. In a poor state
✗ 2. To put a good impression
✓ 3. To put a bad impression
✗ 4. Bad physical form

Question ID : **26433072220**
Status : **Answered**
Chosen Option : **3**

Q.3 **Rearrange the parts of the sentence in correct order.**
A 2007–2009 study
P. explored forward thinking techniques
Q. to synchronise time on board deep
R. space probes for accurate navigation, in
S. particular looking into low-cost options

Ans
✗ 1. RSPQ
✗ 2. PSRQ
✗ 3. SPRQ
✓ 4. PQRS

Question ID : **264330104650**
Status : **Answered**
Chosen Option : **1**

Q.4 **Select the correct passive form of the given sentence.**
The indentured labourers fix the roads.

Ans
✗ 1. The roads was fixed by indentured labourers.
✗ 2. The roads were fixed by indentured labourers.
✓ 3. The roads are fixed by indentured labourers.
✗ 4. The roads were being fixed by indentured labourers.

Question ID : **264330104555**
Status : **Answered**
Chosen Option : **2**

Q.5 **Select the option that expresses the given sentence in active voice.**

The evil king was defeated by Gandolf, the savior.

Ans
- ✔ 1. Gandolf, the savior, defeated the evil king.
- ✘ 2. The savior of Gandolf defeated the evil king.
- ✘ 3. Gandolf, the savior, had defeated the evil king.
- ✘ 4. Gandolf, the savior, defeats the evil king.

Question ID : **26433088558**
Status : **Answered**
Chosen Option : **1**

Q.6 **Select the most appropriate meaning of the given idiom.**
Bear the palm

Ans
- ✘ 1. To bring joyful news
- ✘ 2. To lose a game
- ✘ 3. To advocate peace
- ✔ 4. To be a winner

Question ID : **26433063136**
Status : **Answered**
Chosen Option : **3**

Q.7 **A sentence has been given with a blank to be filled with an appropriate word. Choose the correct alternative.**
Every person should know their own _____, what their skill set is and how unique they are.

Ans
- ✘ 1. calamities
- ✘ 2. punctualities
- ✔ 3. specialties
- ✘ 4. fecundities

Question ID : **264330104771**
Status : **Answered**
Chosen Option : **3**

Q.8 **The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**
The manager told her that / she should be a bit more / careful while executed the / orders of the company.

Ans
- ✘ 1. The manager told her that
- ✘ 2. she should be a bit more
- ✘ 3. orders of the company
- ✔ 4. careful while executed the

Question ID : **26433084905**
Status : **Answered**
Chosen Option : **4**

Q.9 **Select the option that can be used as a one-word substitute for the given group of words.**

A loud appeal or demand

Ans
✗ 1. Protest
✗ 2. Entourage
✓ 3. Clamour
✗ 4. Gambit

Question ID : **26433073682**
Status : **Answered**
Chosen Option : **1**

Q.10 **Select the sentences that contains no spelling errors.**

Ans
✗ 1. He screeched hystericalli after seeing the accident.
✗ 2. He screeched hystericaly after seeing the accident.
✗ 3. He screeched hysteerically after seeing the accident.
✓ 4. He screeched hysterically after seeing the accident.

Question ID : **26433070698**
Status : **Answered**
Chosen Option : **4**

Q.11 **Select the option that expresses the given sentence in indirect speech.**
He said, 'Let us wait for the award.'

Ans
✓ 1. He proposed that they should wait for the award.
✗ 2. He said that he should wait for the award.
✗ 3. He proposed that he should wait for the award.
✗ 4. He said that they should waited for the award.

Question ID : **26433086311**
Status : **Answered**
Chosen Option : **1**

Q.12 **Select the most appropriate ANTONYM of the given word.**

Humble

Ans
✗ 1. Dishonour
✗ 2. Pleasantry
✗ 3. Modest
✓ 4. Arrogant

Question ID : **26433060215**
Status : **Answered**
Chosen Option : **4**

Q.13 **Select the most appropriate option to substitute the underlined segment in the given sentence.**

During my Goa tour, I <u>had visited</u> beaches in Vasco, Baga and Vagator.

Ans
✔ 1. visited
✘ 2. have visited
✘ 3. was visited
✘ 4. had visited

Question ID : **26433073843**
Status : **Answered**
Chosen Option : **4**

Q.14 **Select the most appropriate option to fill in the blank.**

The country's rapid _____ has led to a rise in many people's standard of living.

Ans
✘ 1. idea
✘ 2. life
✘ 3. confidence
✔ 4. growth

Question ID : **26433060323**
Status : **Answered**
Chosen Option : **4**

Q.15 **Select the most appropriate ANTONYM of the word laborious from the given sentence: Although gardening is a laborious job, but it gives me boundless joy, strenuous happiness and immense satisfaction and I like this facile activity.**

Ans
✘ 1. boundless
✔ 2. facile
✘ 3. strenuous
✘ 4. immense

Question ID : **26433058561**
Status : **Answered**
Chosen Option : **1**

Q.16 **Select the INCORRECTLY spelt word.**

Ans
✔ 1. Friwsk
✘ 2. Reply
✘ 3. Rusk
✘ 4. Foliage

Question ID : **26433065134**
Status : **Answered**
Chosen Option : **1**

Q.17 **Select the most appropriate adverb to fill in the blank.**

They supplied the required human resource _____.

Ans

✔ 1. faultlessly

✘ 2. heavy

✘ 3. clear

✘ 4. able

Question ID : **26433089274**
Status : **Answered**
Chosen Option : **1**

Q.18 **Select the most appropriate synonym of the underlined word.**

The celebrity was <u>inundated</u> with birthday wishes from his admirers.

Ans

✘ 1. Annoyed

✘ 2. Preoccupied

✘ 3. Rewarded

✔ 4. Overwhelmed

Question ID : **26433070512**
Status : **Answered**
Chosen Option : **4**

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

Dispatch

Ans

✔ 1. Acquire

✘ 2. Transmit

✘ 3. Deliver

✘ 4. Bulletin

Question ID : **26433060695**
Status : **Answered**
Chosen Option : **1**

Q.20 **Select the correct direct form of the given sentence.**
Leena said that his relatives were landing the next day.

Ans

✘ 1. Leena said, “My relatives land tomorrow.”

✘ 2. Leena said, “His relatives are landing today.”

✘ 3. Leena said, “His relatives were landing tomorrow.”

✔ 4. Leena said, “His relatives are landing tomorrow.”

Question ID : **264330104632**
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.
Education (1)_____ both the teaching and learning of knowledge, proper conduct, and technical competency. It thus (2)____ on the cultivation of skills, trades or professions, as well as mental, moral and aesthetic development. Formal education consists of systematic instruction, teaching and training by (3)____ teachers. This consists of the application of pedagogy and the development of curricula. The right to education is a (4)_____ human right. Educational systems are established to provide education and (5)_____, often for children and the young.

SubQuestion No : 21

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

Ans

✗ 1. likes

✗ 2. releases

✗ 3. makes

✓ 4. encompasses

Question ID : **26433086392**
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.
Education (1)_____ both the teaching and learning of knowledge, proper conduct, and technical competency. It thus (2)____ on the cultivation of skills, trades or professions, as well as mental, moral and aesthetic development. Formal education consists of systematic instruction, teaching and training by (3)____ teachers. This consists of the application of pedagogy and the development of curricula. The right to education is a (4)_____ human right. Educational systems are established to provide education and (5)_____, often for children and the young.

SubQuestion No : 22

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

Ans

✗ 1. changes

✗ 2. makes

✓ 3. focuses

✗ 4. regards

Question ID : **26433086393**
Status : **Answered**
Chosen Option : **3**

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.
Education (1)_____ both the teaching and learning of knowledge, proper conduct, and technical competency. It thus (2)____ on the cultivation of skills, trades or professions, as well as mental, moral and aesthetic development. Formal education consists of systematic instruction, teaching and training by (3)____ teachers. This consists of the application of pedagogy and the development of curricula. The right to education is a (4)_____ human right. Educational systems are established to provide education and (5)_____, often for children and the young.

SubQuestion No : 23

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

Ans

✗ 1. general

✓ 2. professional

✗ 3. fresh

✗ 4. new

Question ID : **26433086394**
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.
Education (1)_____ both the teaching and learning of knowledge, proper conduct, and technical competency. It thus (2)____ on the cultivation of skills, trades or professions, as well as mental, moral and aesthetic development. Formal education consists of systematic instruction, teaching and training by (3)____ teachers. This consists of the application of pedagogy and the development of curricula. The right to education is a (4)_____ human right. Educational systems are established to provide education and (5)_____, often for children and the young.

SubQuestion No : 24

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

Ans

✔ 1. fundamental

✘ 2. personal

✘ 3. beautiful

✘ 4. long standing

Question ID : **26433086395**
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.
Education (1)_____ both the teaching and learning of knowledge, proper conduct, and technical competency. It thus (2)____ on the cultivation of skills, trades or professions, as well as mental, moral and aesthetic development. Formal education consists of systematic instruction, teaching and training by (3)____ teachers. This consists of the application of pedagogy and the development of curricula. The right to education is a (4)_____ human right. Educational systems are established to provide education and (5)_____, often for children and the young.

SubQuestion No : 25

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

Ans

✘ 1. dreams

✘ 2. challenges

✔ 3. training

✘ 4. upbringing

Question ID : **26433086396**
Status : **Answered**
Chosen Option : **4**