Combined Graduate Level Examination Tier I 2022

Roll Number	
Candidate Name	
Venue Name	
Exam Date	13/12/2022
Exam Time	11:45 AM - 12:45 PM
Subject	Combined Graduate Level Examination Tier I 2022

Section : **General Intelligence and Reasoning**

Q.1 **A – B means 'A is the mother of B'**
A * B means 'A is the husband of B'
A % B means 'A is the brother of B'
A $ B means 'A is the sister of B'
If I * J – K % L $ M * N, then how is I related to N?

Ans ✗ 1. Father

✓ 2. Father-in-law

✗ 3. Brother

✗ 4. Brother-in-law

Question ID : **26433059904**
Status : **Answered**
Chosen Option : **2**

Q.2 Which figure should replace the question mark (?) if the series were to be continued?

D V	S Z	D T	A Z
S	T	A	F
Z T	A D	Z F	X D

? (in final box)

Ans

✗ 1.
```
D      X
    Z
F      V
```

✔ 2.
```
D      F
    X
Z      V
```

✗ 3.
```
D      X
    Z
F      A
```

✗ 4.
```
D      F
    X
Z      A
```

Question ID : **26433076652**
Status : **Answered**
Chosen Option : **2**

Q.3 Select the correct combination of mathematical signs to sequentially replace the & signs, and to balance the given equation.
[{(42 & 26) & (12 & 2)} & (4 & 5)] & 5 & 10

Ans ✗ 1. ×, ÷, ×, ×, −, +, =

✗ 2. −, +, ×, ×, ÷, ×, =

✗ 3. ×, −, +, ×, ÷, ×, =

✔ 4. −, +, ×, ÷, ×, ×, =

Question ID : **26433087058**
Status : **Answered**
Chosen Option : **4**

Q.4 Which two numbers from amongst the given options should be interchanged to make the given equation correct?
$168 \div 4 + 216 \div (78 \times 1 - 8) = 14$

Ans ✗ 1. 78 and 216

✓ 2. 78 and 14

✗ 3. 216 and 168

✗ 4. 14 and 8

Question ID : **26433067698**

Status : **Answered**

Chosen Option : **2**

Q.5 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 Z are X.
II. Some W are Z.
Conclusions:
I. Some X are not W.
II. Some X are not Z.

Ans ✓ 1. Neither conclusion follows

✗ 2. Both conclusions I and II follows

✗ 3. Only conclusion II follows

✗ 4. Only conclusion I follows

Question ID : **264330104911**

Status : **Answered**

Chosen Option : **1**

Q.6 A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
TTDS, VMLP, XFTM, ZYBJ, ?

Ans ✓ 1. BRJG

✗ 2. NDMO

✗ 3. BQRT

✗ 4. TTMO

Question ID : **264330104822**

Status : **Answered**

Chosen Option : **1**

Q.7 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:
Some mobiles are flat.
All flats are TVs.
Some TVs are plastic.

Conclusions:
I. Some mobiles are TVs.
II. Some flats are plastic.
III. All plastic are TVs.

Ans ✗ 1. Only conclusion II follows.

✗ 2. Only conclusion III follows.

✗ 3. All conclusions follow.

✓ 4. Only conclusion I follows.

Question ID : **26433074640**
Status : **Answered**
Chosen Option : **4**

Q.8 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.)
Bees : Swarm :: Monkeys : ?

Ans ✗ 1. Colony

✗ 2. Shoal

✗ 3. Herd

✓ 4. Troop

Question ID : **26433068358**
Status : **Answered**
Chosen Option : **4**

Q.9 Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

Ans ✗ 1. ADC

✗ 2. LON

✓ 3. FHG

✗ 4. WZY

Question ID : **26433069012**
Status : **Answered**
Chosen Option : **3**

Q.10 Select the option that represents the correct order of the given words as they would appear in an English dictionary.
1- Thresh
2- Threadbare
3- Thrice
4- Threw
5- Threat

Ans ✗ 1. 2, 4, 5, 1, 3

✓ 2. 2, 5, 1, 4, 3

✗ 3. 2, 1, 5, 4, 3

✗ 4. 2, 5, 4, 1, 3

Question ID : **26433079450**
Status : **Answered**
Chosen Option : **2**

Q.11 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. 18 – 35

     ✗ 2. 24 – 47

     ✗ 3. 16 – 31

     ✓ 4. 22 – 40

Q.12 Select the option figure that is embedded in the given figure. (Rotation is not allowed).

Ans

     ✓ 1.

     ✗ 2.

     ✗ 3.

     ✗ 4.
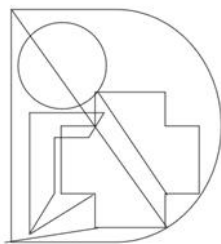
Q.13 Which number will replace the question mark (?) in the following series?
12, 25, 51, 103, ?, 415, 831

Ans ✗ 1. 208

     ✗ 2. 206

     ✓ 3. 207

     ✗ 4. 200

Q.14 Select the set in which the numbers are related in the same way as are the numbers of the given 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.)
(4, 7, 165)
(14, 26, 600)

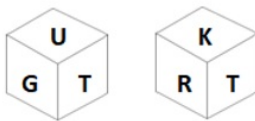**Ans** ✔ 1. (3, 6, 135)

✘ 2. (5, 19, 225)

✘ 3. (17, 6, 325)

✘ 4. (23, 29, 567)

Question ID : **26433068384**
Status : **Answered**
Chosen Option : **1**

Q.15 Six letters T, P, K, G, R and U are written on different faces of a dice. Two positions of this dice are shown in the figure. Find the letter on the face opposite to K.

Ans ✔ 1. U

✘ 2. G

✘ 3. R

✘ 4. P

Question ID : **26433081086**
Status : **Answered**
Chosen Option : **1**

Q.16 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 maternal aunt of C?

Ans ✘ 1. B ÷ C × A

✔ 2. A ÷ B × C

✘ 3. A ÷ B + C

✘ 4. C × B ÷ A

Question ID : **264330104975**
Status : **Answered**
Chosen Option : **2**

Q.17 उस विकल्प का चयन करें, जो तीसरे शब्द से उसी प्रकार संबंधित है, जिस प्रकार दूसरा शब्द पहले शब्द से संबंधित है।
(शब्दों को अर्थपूर्ण अँग्रेजी/हिंदी शब्दों के रूप में माना जाना चाहिए और इन्हें शब्द में अक्षरों की संख्या / व्यंजनों की संख्या / स्वरों की संख्या के आधार पर एक दूसरे से संबद्ध नहीं किया जाना चाहिए।)
बछड़ा : मवेशी :: घोड़े का बच्चा : ?

Ans ✘ 1. हिरन

✘ 2. कंगारू

✘ 3. हाथी

✔ 4. घोड़ा

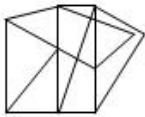Question ID : **26433056812**
Status : **Answered**
Chosen Option : **4**

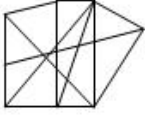**Q.18** Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).
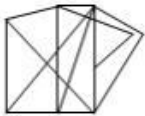

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.
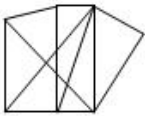
Question ID : **26433068909**

Status : **Answered**

Chosen Option : **1**

Q.19 In a certain code language, 'ANNUAL' is written as 'CPRYGR' and 'AMOUNT' is written as 'COSYTZ'. How will 'AGENDA' be written in that language?

Ans ✔ 1. CIIRJG

✘ 2. CIIRHE

✘ 3. CIGPFC

✘ 4. CIKTJG

Question ID : **26433066023**

Status : **Answered**

Chosen Option : **1**

Q.20 Which of the following letter-clusters will replace the question mark (?) in the given series?
TYG, ?, PSM, NPP, LMS

Ans ✘ 1. SUJ

✘ 2. SVK

✘ 3. RUK

✔ 4. RVJ

Question ID : **26433057986**

Status : **Answered**

Chosen Option : **4**

Q.21 Select the figure from among the given options that can replace the question mark (?) in the following series.
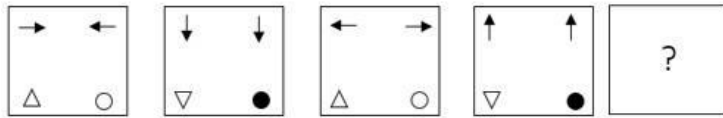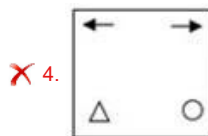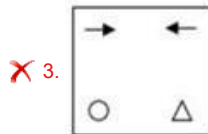

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.
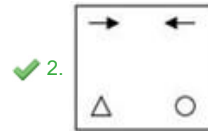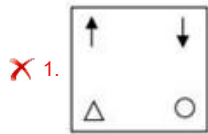
Question ID : **26433068709**

Status : **Answered**

Chosen Option : **2**

Q.22 By Interchanging the given two numbers which of the following equation will be not correct?
7 and 4

Ans ✗ 1. $9 - 4 \times 3 + 6 \times 7 \div 1 = 12$

✗ 2. $4 \times 8 - 9 \div 3 + 7 = 57$

✗ 3. $7 \times 8 + 4 - 6 \div 3 = 37$

✔ 4. $8 \div 6 \times 9 + 7 - 4 = 12$

Question ID : **264330105111**

Status : **Answered**

Chosen Option : **4**

Q.23 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)
(9, 343, 2)
(12, 729, 3)

Ans ✔ 1. (12, 125, 7)

✗ 2. (13, 4, 89)

✗ 3. (98, 49, 92)

✗ 4. (12, 66, 20)

Question ID : **26433079121**

Status : **Answered**

Chosen Option : **1**

Q.24 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)
(3, 16, 6)
(4, 22, 6)

Ans ✗ 1. (9, 10, 11)

✗ 2. (7, 43, 6)

✓ 3. (9, 70, 8)

✗ 4. (12, 50, 5)

Question ID : **26433079120**
Status : **Answered**
Chosen Option : **3**

Q.25 In a certain code language, 'ORGANIZATION' is written as 'ORGANINOITAZ', 'MANAGEMENT' is written as 'MANAGTNEME'. How will 'RESOURCE' be written in that language?

Ans ✗ 1. RESOCERU

✓ 2. RESOECRU

✗ 3. RESOECUR

✗ 4. RESEOCRU

Question ID : **26433068234**
Status : **Answered**
Chosen Option : **2**

Section : **General Awareness**

Q.1 Which of the following is a plant tissue?
I. Meristematic tissue
II. Permanent tissue

Ans ✗ 1. Neither I nor II

✓ 2. Both I and II

✗ 3. Only I

✗ 4. Only II

Question ID : **264330105453**
Status : **Answered**
Chosen Option : **2**

Q.2 Identify the freedom fighter who, as a child, hated going to school and found it suffocating and oppressive.

Ans ✗ 1. Jawaharlal Nehru

✗ 2. Jyotiba Phule

✓ 3. Rabindranath Tagore

✗ 4. Mahatma Gandhi

Question ID : **26433085296**
Status : **Not Answered**
Chosen Option : **--**

Q.3 The _____ and _____ determine the corridor for the daily movement in the weighted average call money rate.

Ans ✗ 1. Bank rate, repo rate

✓ 2. Marginal standing facility, Reverse repo rate

✗ 3. Reverse repo, discount rate

✗ 4. Liquidity adjustment facility, repo rate

Question ID : **264330105378**
Status : **Not Answered**
Chosen Option : **--**

Q.4 Which state government has launched the Kaushalya Matritva Yojana in September 2022?

Ans ✗ 1. Odisha

✗ 2. Himachal Pradesh

✓ 3. Chhattisgarh

✗ 4. Kerala

Question ID : **264330105259**
Status : **Not Answered**
Chosen Option : **--**

Q.5 Mrinalini Sarabhai was awarded which of the following awards in 1992?

Ans ✓ 1. Padma Bhushan

✗ 2. Padma Vibhushan

✗ 3. Padma Shri

✗ 4. Kalidas Samman

Question ID : **26433090703**
Status : **Not Answered**
Chosen Option : **--**

Q.6 Which of the following is NOT 'The Great Lakes' of North America?

Ans ✗ 1. Huron

✗ 2. Erie

✗ 3. Superior

✓ 4. Victoria

Question ID : **26433064469**
Status : **Answered**
Chosen Option : **1**

Q.7 In Triple Jump, white flag indicates:

Ans ✗ 1. allow to trial

✗ 2. trail with wind support

✓ 3. trail is valid

✗ 4. trail is failure

Question ID : **26433059447**
Status : **Not Answered**
Chosen Option : **--**

Q.8 Which of the following countries lies in the east of India?

Ans
- ✗ 1. Sri-Lanka
- ✗ 2. Nepal
- ✗ 3. Afghanistan
- ✓ 4. Bangladesh

Question ID : **264330105653**
Status : **Answered**
Chosen Option : **4**

Q.9 The folk dance Hojagiri originated and is associated with which part of India?

Ans
- ✗ 1. North
- ✓ 2. North-East
- ✗ 3. West
- ✗ 4. South

Question ID : **26433054317**
Status : **Not Answered**
Chosen Option : **--**

Q.10 Which of the following is NOT correct about the eligibility criteria for being elected as Vice President of India?

Ans
- ✓ 1. He/She should be qualified for election as a member of the Lok Sabha.
- ✗ 2. He/She should not hold any office of profit under the Union Government/state government or any subordinate local authority.
- ✗ 3. He/She should be a citizen of India.
- ✗ 4. He/She should have completed 35 years of age.

Question ID : **26433069892**
Status : **Answered**
Chosen Option : **1**

Q.11 The Nobel Prize in Chemistry 1951 was awarded jointly to Edwin Mattison McMillan and _____ for their discoveries in the chemistry of the transuranium elements

Ans
- ✗ 1. Albert Schweitzer
- ✗ 2. Jacob Berzelius
- ✓ 3. Glenn T Seaborg
- ✗ 4. Leon Jouhaux

Question ID : **26433064086**
Status : **Not Answered**
Chosen Option : **--**

Q.12 Who has been appointed as Secretary to President Droupadi Murmu in August 2022?

Ans
- ✗ 1. Ranjit Rath
- ✗ 2. Suresh N Patel
- ✓ 3. Rajesh Verma
- ✗ 4. Santosh Iyer

Question ID : **264330105329**
Status : **Not Answered**
Chosen Option : **--**

Q.13 In hockey, what is the meaning if the umpire signals by pointing both arms horizontally toward the centre of the field?

Ans ✗ 1. Bully

✗ 2. Timing

✗ 3. Ball out of play

✓ 4. Goal scored

Question ID : **26433071568**
Status : **Not Answered**
Chosen Option : **--**

Q.14 Who among the following revolutionaries was associated with Swadesh Bandhav Samiti?

Ans ✗ 1. Bhagat Singh

✗ 2. Rajguru

✓ 3. Ashwini Kumar Dutta

✗ 4. Chandrasekhar Azad

Question ID : **26433085285**
Status : **Not Answered**
Chosen Option : **--**

Q.15 Who among the following was popularly called the 'Australian Mother of Kathakali'?

Ans ✓ 1. Louise Lightfoot

✗ 2. Yelena Andreyanova

✗ 3. Anna Pavlova

✗ 4. Margot Fonteyn

Question ID : **26433082230**
Status : **Not Answered**
Chosen Option : **--**

Q.16 Which of the following states has maximum literacy rate according to census 2011?

Ans ✗ 1. Bihar

✓ 2. Mizoram

✗ 3. Arunachal Pradesh

✗ 4. Rajasthan

Question ID : **264330105538**
Status : **Answered**
Chosen Option : **2**

Q.17 Xuan Zang and other pilgrims spent time studying in Nalanda, the most famous Buddhist monastery, located in which of the following Indian state?

Ans ✓ 1. Bihar

✗ 2. Odisha

✗ 3. Bengal

✗ 4. Sikkim

Question ID : **264330105192**
Status : **Answered**
Chosen Option : **1**

Q.18 Which of the following substance has a pH value of about 14?

Ans ✔ 1. Sodium hydroxide

✘ 2. Milk of magnesia

✘ 3. Blood

✘ 4. Lemon Juice

Question ID : **264330105482**
Status : **Answered**
Chosen Option : **1**

Q.19 Baking soda is _____.

Ans ✔ 1. sodium hydrogencarbonate

✘ 2. sodium carbonate

✘ 3. sodium sulphate

✘ 4. sodium hydroxide

Question ID : **26433066460**
Status : **Answered**
Chosen Option : **1**

Q.20 Which freedom is considered as the 'Hallmark of Democracy'?

Ans ✘ 1. Freedom of speech and expression

✘ 2. Freedom of assembly

✔ 3. Right to freedom of religion

✘ 4. Right against exploitation

Question ID : **26433064830**
Status : **Answered**
Chosen Option : **1**

Q.21 Choose the correct pair from the following options.

Ans ✘ 1. Fourth Five-Year Plan - Jawaharlal Nehru

✘ 2. Sixth Five-Year Plan - Rajiv Gandhi

✘ 3. Seventh Five-Year Plan - PV Narasimha Rao

✔ 4. Fifth Five-Year Plan - Indira Gandhi

Question ID : **26433066632**
Status : **Not Answered**
Chosen Option : **--**

Q.22 Based on Macaulay's Minute, the English Education Act was introduced in _____.

Ans ✘ 1. 1815

✔ 2. 1835

✘ 3. 1875

✘ 4. 1855

Question ID : **264330105579**
Status : **Not Answered**
Chosen Option : **--**

Q.23 Which crop grows best on black soil?

Ans ✔ 1. Cotton

✘ 2. Maize

✘ 3. Millets

✘ 4. Coffee

Question ID : **264330105615**

Status : **Answered**

Chosen Option : **1**

Q.24 Which of the following folk dances does NOT belong to the state of Mizoram?

Ans ✘ 1. Chailam

✘ 2. Cheraw

✘ 3. Zangtalam

✔ 4. Munari

Question ID : **26433064651**

Status : **Not Answered**

Chosen Option : **--**

Q.25 Which ministry organized 'Nari Shakti of North East' on the occasion of International Women's Day 2022?

Ans ✘ 1. Ministry of Women and Child Development

✘ 2. Ministry of Tribal Affairs

✔ 3. Ministry of Development of North Eastern Region

✘ 4. Ministry of Social Justice and Empowerment

Question ID : **264330105254**

Status : **Not Answered**

Chosen Option : **--**

Section : **Quantitative Aptitude**

Q.1 A sum of Rs.10 is lent by a child to his friend to be returned in 11 monthly instalments of Rs.1 each, the interest being simple. The rate of interest is:

Ans ✔ 1. $21\frac{9}{11}\%$

✘ 2. $10\frac{2}{11}\%$

✘ 3. $9\frac{1}{11}\%$

✘ 4. $11\frac{9}{11}\%$

Question ID : **26433076039**

Status : **Answered**

Chosen Option : **1**

Q.2 The length of the chord of a circle is 24 cm, and the perpendicular distance between the centre and the chord is 5 cm. The radius of the circle is:

Ans ✗ 1. 24 cm

     ✗ 2. 10 cm

     ✗ 3. 12 cm

     ✔ 4. 13 cm

Question ID : **26433062665**
Status : **Answered**
Chosen Option : **4**

Q.3 The HCF of two numbers is 17 and the other two factors of their LCM are 11 and 19. The smaller of the two numbers is:

Ans ✔ 1. 187

     ✗ 2. 209

     ✗ 3. 323

     ✗ 4. 306

Question ID : **26433080086**
Status : **Answered**
Chosen Option : **1**

Q.4 A girl purchases 9 mangoes for Rs.90 and sells 10 mangoes for Rs.95. Find the gain or loss percentage.

Ans ✗ 1. 5% gain

     ✗ 2. 2.5% loss

     ✗ 3. 2.5% gain

     ✔ 4. 5% loss

Question ID : **26433065065**
Status : **Answered**
Chosen Option : **4**

Q.5 $\triangle ABC$ and $\triangle DEF$ are similar triangles and their areas are 49 cm^2 and 144 cm^2 respectively. If EF = 16.80 cm, then find BC.

Ans ✗ 1. 11.4 cm

     ✗ 2. 8.7 cm

     ✗ 3. 7.5 cm

     ✔ 4. 9.8 cm

Question ID : **26433063818**
Status : **Answered**
Chosen Option : **4**

Q.6 Which of the following statement is correct?

I. If $x = 12$, $y = -2$ and $z = -10$, then $x^3 + y^3 + z^3 = 720$

II. If $x + y = 48$ and $4xy = 128$, then s the value of $4x^2 + 4y^2$ is 8960

Ans ✓ 1. Both I and II

✗ 2. Neither I nor II

✗ 3. Only I

✗ 4. Only II

Q.7 A can of water and milk mixture contains 60% milk. A part of this mixture is replaced by another mixture containing 50% milk and the percentage of milk was found to be 52%. The quantity of mixture replaced is:

Ans

✗ 1. $\dfrac{1}{5}$

✓ 2. $\dfrac{4}{5}$

✗ 3. $\dfrac{2}{5}$

✗ 4. $\dfrac{3}{5}$

Q.8 The number of mobile sim-cards in 4 states/UT are given in the bar diagram. Study the diagram and answer the question.
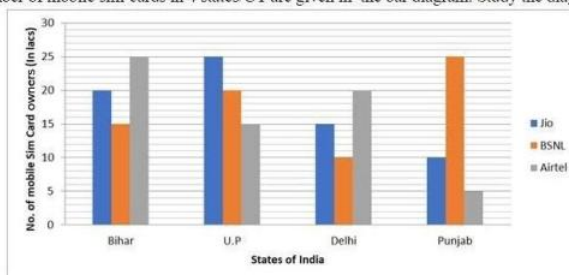
In which State/UT is there the smallest number of owners of the BSNL Sim-card?

Ans ✗ 1. Punjab

✓ 2. Delhi

✗ 3. Bihar

✗ 4. UP

Q.9 The table given below shows the sales turnover of 5 different companies.

Company	Sales turnover
A	120
B	80
C	200
D	250
E	150

The sales turnover of company A is what percent of the sales turnover of company C?

Ans ✗ 1. 40 percent

✗ 2. 50 percent

✗ 3. 75 percent

✔ 4. 60 percent

Question ID : 264330105761
Status : **Answered**
Chosen Option : **4**

Q.10 $\dfrac{\cos A}{1 - \tan A} + \dfrac{\sin A}{1 - \cot A} = $ _____.

Ans ✗ 1. $\sin A - \cos A$

✔ 2. $\sin A + \cos A$

✗ 3. $\tan A + \cot A$

✗ 4. $\tan A - \cot A$

Question ID : 26433058178
Status : **Answered**
Chosen Option : **2**

Q.11 The sum of two numbers is 680. If the bigger number is decreased by 15% and the smaller number is increased by 15%, then the resultant numbers are equal. Find the smaller number.

Ans ✔ 1. 291

✗ 2. 285

✗ 3. 307

✗ 4. 304

Question ID : 26433074332
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.12 A four-digit pin, say abcd, of a lock has different non-zero digits. The digits satisfy b = 2a, c = 2b, d = 2c. The pin is divisible by _____.

Ans ✗ 1. 2, 3, 11

✗ 2. 2, 3, 7

✗ 3. 2, 3, 5

✔ 4. 2, 3, 13

Question ID : 26433071239
Status : **Answered**
Chosen Option : **4**

Q.13 What is the value of cosec 15° sec 15°?

Ans ✗ 1. 2

     ✗ 2. 0.5

     ✔ 3. 4

     ✗ 4. 1

Question ID : **264330105889**

Status : **Answered**

Chosen Option : **3**

Q.14 A, B and C can all together do a piece of work in 10 days, in which B takes 3 times as long as A and C together to do the work. In how many days can B alone do the work?

Ans ✔ 1. 40 days

   ✗ 2. 50 days

     ✗ 3. 10 days

     ✗ 4. 15 days

Question ID : **26433079785**

Status : **Answered**

Chosen Option : **1**

Q.15 If $2p + q = 19$ and $8p^3 + q^3 = 361$, then find the value of pq.

Ans ✔ 1. 57

     ✗ 2. 59

     ✗ 3. 58

     ✗ 4. 56

Question ID : **26433083020**

Status : **Answered**

Chosen Option : **1**

Q.16 The pie chart given below shows the production of 6 different factories. The total production of all these 6 factories is 15000. The production of a particular factory is shown as a percent of total production of all these 6 factories.
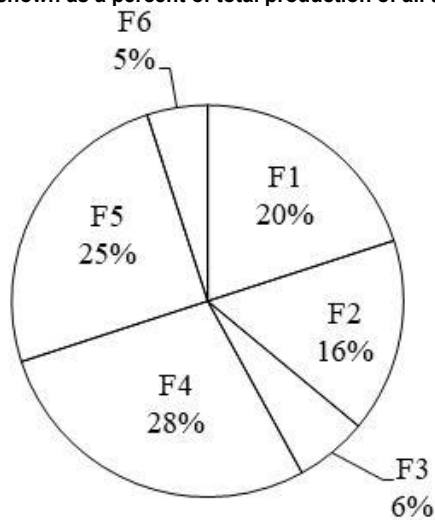
J1 = The value of average production of factory F3 and F6.
J2 = The difference between the production of factory F1 and F4.
What is the value of (J2 – J1)?

Ans
✗ 1. 305

✗ 2. 395

✓ 3. 375

✗ 4. 385

Q.17 निम्नलिखित दंड आरेख में, 5 कंपनियां A, B, C, D और E हैं। आरेख एक उत्पाद की मांग और उपरोक्त पांच कंपनियों द्वारा उसका उत्पादन दर्शाता है।
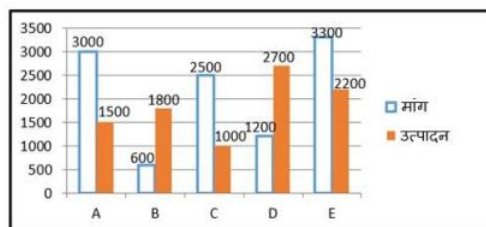
यदि कंपनी C द्वारा उत्पाद की मांग का x% कंपनी B की मांग के बराबर है, तो x का मान ज्ञात कीजिए।

Ans
✗ 1. 22

✗ 2. 23

✗ 3. 21

✓ 4. 24

Q.18 A horse is grazing in a field. It is tied to a pole with a rope of length 6 m. The horse moves from point A to point B making an arch with an angle of 70°. Find the area of the sector grazed by the horse.

Ans ✓ 1. 22 m

✗ 2. 21 m

✗ 3. 20 m

✗ 4. 23 m

Question ID : 26433082924

Status : **Answered**

Chosen Option : **1**

Q.19 Choose the option in which the numbers are in correct ascending order.

Ans

✗ 1. $\dfrac{4}{5}, \dfrac{2}{3}, \dfrac{1}{11}$ and $\dfrac{2}{9}$

✓ 2. $\dfrac{1}{11}, \dfrac{2}{9}, \dfrac{2}{3}$ and $\dfrac{4}{5}$

✗ 3. $\dfrac{2}{3}, \dfrac{4}{5}, \dfrac{1}{11}$ and $\dfrac{2}{9}$

✗ 4. $\dfrac{2}{9}, \dfrac{1}{11}, \dfrac{4}{5}$ and $\dfrac{2}{3}$

Question ID : 26433096376

Status : **Answered**

Chosen Option : **2**

Q.20

If a = 45° and b = 15°, what is the value of $\dfrac{\cos(a-b) - \cos(a+b)}{\cos(a-b) + \cos(a+b)}$?

Ans ✗ 1. $3 - \sqrt{6}$

✗ 2. $3 - \sqrt{2}$

✗ 3. $2 - 2\sqrt{2}$

✓ 4. $2 - \sqrt{3}$

Question ID : 26433061336

Status : **Answered**

Chosen Option : **4**

Q.21 Select the INCORRECT statement with respect to the properties of a circle.

Ans ✗ 1. The diameter of a circle is the longest chord of a circle.

✗ 2. Two tangents drawn at the end of the diameter of a circle are parallel.

✗ 3. The radius drawn perpendicular to a chord bisects the chord.

✓ 4. The perpendicular distance from the centre of a circle increases when the length of a chord increases.

Question ID : 26433091944

Status : **Answered**

Chosen Option : **4**

Q.22 A student walked 6 km from his house to reach the metro station, then boarded a metro that has an average speed of 60km/h, and reached the destination. It took 3 hours for the entire journey. If the average speed of the entire journey is 32 km/h, then the speed of walking is _____.

Ans ✔ 1. 4 km/h

✘ 2. 2 km/h

✘ 3. 1.5 km/h

✘ 4. 3 km/h

Q.23 If a − b = 8 and ab = 9, then the value of a + b is _____.

Ans ✘ 1. ±7

✔ 2. ±10

✘ 3. ±9

✘ 4. ±8

Q.24 A triangle and a parallelogram have the same base 28 cm and the same area. If the height of the parallelogram is 12 cm, then find the length of the altitude of the triangle.

Ans ✘ 1. 28 cm

✘ 2. 21 cm

✔ 3. 24 cm

✘ 4. 23 cm

Q.25 Sita gets a discount of 20% on ₹3,000 juicer mixer machine. Since she pays cash, she gets additional 5% discount too. How much does she pay?

Ans ✘ 1. ₹2,276

✔ 2. ₹2,280

✘ 3. ₹2,278

✘ 4. ₹2,282

Section : **English Comprehension**

Q.1 Rearrange the parts of the sentence in correct order.
Back in April
P. an afternoon walking around
Q. the Tillman Sand Ridge Heritage Preserve
R. I was visiting family in South Carolina
S. and my brother and I spent

Ans ✗ 1. PQRS

✗ 2. QPRS

✓ 3. RSPQ

✗ 4. RQPS

Question ID : **264330104670**

Status : **Answered**

Chosen Option : **3**

Q.2 Select the most appropriate synonym of the given word.
Distant

Ans ✓ 1. Faraway

✗ 2. Futuristic

✗ 3. Forward

✗ 4. Farsighted

Question ID : **26433070616**

Status : **Answered**

Chosen Option : **1**

Q.3 Select the appropriate adverb for the underlined word in the sentence.

I **complete** forgot her birthday, and I don't know how to make it up to her.

Ans ✗ 1. completing

✓ 2. completely

✗ 3. completed

✗ 4. completeness

Question ID : **26433094771**

Status : **Answered**

Chosen Option : **2**

Q.4 Select the most appropriate option that can substitute the underlined segment in the
given sentence.
They decided to have a meeting **to discuss about the project.**

Ans ✗ 1. to discuss over the project

✗ 2. to discuss through the project

✗ 3. to discuss beyond the project

✓ 4. to discuss the project

Question ID : **26433084634**

Status : **Answered**

Chosen Option : **4**

Q.5 Select the option that can be used as a one-word substitute for the given group of words.

A formal statement testifying to someone's character and qualifications

Ans ✗ 1. Manuscript

✗ 2. Affidavit

✓ 3. Testimonial

✗ 4. Document

Question ID : **26433073457**	
Status : **Answered**	
Chosen Option : **3**	

Q.6 Select the most appropriate meaning of the given idiom.
Hold water

Ans ✗ 1. Appear to be of no value

✗ 2. A diluted argument

✓ 3. Appear to be valid or reasonable

✗ 4. Stop emphasising a point

Question ID : **26433063135**	
Status : **Answered**	
Chosen Option : **3**	

Q.7 Select the INCORRECTLY spelt word in the following sentence.
Rajib's research aims to identify the strings that connect man and nature in order to provide a comprehensive examination and asessment of a variety of ecological issues.

Ans ✗ 1. strings

✓ 2. asessment

✗ 3. ecological

✗ 4. comprehensive

Question ID : **26433058610**	
Status : **Answered**	
Chosen Option : **2**	

Q.8 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
Usually, Ratheesh hasn't / take part in these types / of events because of / his hectic schedule.

Ans ✗ 1. his hectic schedule

✗ 2. of events because of

✗ 3. take part in these types

✓ 4. Usually, Ratheesh hasn't

Question ID : **26433084903**	
Status : **Answered**	
Chosen Option : **3**	

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

The party was a _____ hour for everyone, except Mukesh.

Ans   ✗ 1. dry

✗ 2. stable

✓ 3. happy

✗ 4. welcome

Q.10 Select the most appropriate ANTONYM of the given word.

Intense

Ans   ✗ 1. Lavish

✗ 2. Thrifty

✗ 3. Stately

✓ 4. Moderate

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

As there were reports of manipulation of scores in the previous exams, the aspirants demanded a process to ensure_____ assessment for selection.

Ans   ✗ 1. will o' the wisp

✗ 2. well off

✓ 3. fair and square

✗ 4. hole and corner

Q.12 Select the correct direct form of the given sentence.
My teacher forbids to trust one's relatives.

Ans   ✗ 1. My teacher says, "Never trust my relatives."

✗ 2. My teacher says, "Never trusted your relatives."

✗ 3. My teacher said "Never trust your relatives."

✓ 4. My teacher says, "Never trust your relatives."

Q.13 Select the most appropriate option to fill in the blank.

There was a _____accident last night and the inspector on deputy was unable to raise help when she called from the mountains.

Ans ✔ 1. serious

✗ 2. gloomy

✗ 3. harsh

✗ 4. goofy

Question ID : **26433059589**	
Status : **Answered**	
Chosen Option : **1**	

Q.14 Select the most appropriate ANTONYM of the underlined word.
The concert sounded was in <u>cacophony</u> with every instrument playing in synchronisation.

Ans ✗ 1. euphony

✗ 2. alimony

✗ 3. bedlam

✔ 4. harmony

Question ID : **26433059824**	
Status : **Answered**	
Chosen Option : **1**	

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

Repulsive

Ans ✗ 1. Steadfast

✗ 2. Superfluous

✗ 3. Hopeless

✔ 4. Pleasant

Question ID : **26433060633**	
Status : **Answered**	
Chosen Option : **4**	

Q.16 Select the option that can be used as a one-word substitute for the given group of words.

Something that is very small/little

Ans ✗ 1. Thin

✗ 2. Few

✗ 3. Slender

✔ 4. Tiny

Question ID : **26433072314**	
Status : **Answered**	
Chosen Option : **4**	

Q.17 Select the option that expresses the given sentence in passive voice.

Suman was taking a nap

Ans ✗ 1. A nap is being taken by Suman.

✗ 2. A nap has been taken by Suman.

✓ 3. A nap was being taken by Suman.

✗ 4. A nap was taken by Suman.

Question ID : **26433091854**

Status : **Answered**

Chosen Option : **3**

Q.18 Select the correct passive voice form for the given sentence.

Sudha was writing a letter to her husband.

Ans ✗ 1. A letter was been written by Sudha to her husband.

✗ 2. A letter were being written by Sudha to her husband.

✓ 3. A letter was being written by Sudha to her husband.

✗ 4. A letter were been written by Sudha to her husband.

Question ID : **26433088628**

Status : **Answered**

Chosen Option : **3**

Q.19 Select the INCORRECTLY spelt word in the following sentence.
The poor woman is in excruciating mental anguish, and her loved ones appear to have assisted in exarcerbating her traumatic experiences.

Ans ✗ 1. excruciating

✗ 2. traumatic

✗ 3. anguish

✓ 4. exarcerbating

Question ID : **26433060810**

Status : **Answered**

Chosen Option : **4**

Q.20 Select the option that can be used as a one-word substitute for the given group of words.

A poll taken of voters leaving the voting place that is usually used for predicting the winners.

Ans ✗ 1. Census

✗ 2. Consensus

✗ 3. Results

✓ 4. Exit poll

Question ID : **26433070706**

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.
A great fire (1)_____ in London in 1666 which (2)_____ the city and made around 1,00,000 people homeless. This fire is said to have begun in a pudding lane. It (3)_____ through the crowded streets and wooden houses. However, after the fire, London was (4)___ with wider streets and improved water supplies. New buildings were (5)___ using bricks instead of wood.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank no. 1.

Ans ✗ 1. broke at

✓ 2. broke out

✗ 3. broke in

✗ 4. broke for

Question ID : **26433087432**

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.
A great fire (1)_____ in London in 1666 which (2)_____ the city and made around 1,00,000 people homeless. This fire is said to have begun in a pudding lane. It (3)_____ through the crowded streets and wooden houses. However, after the fire, London was (4)___ with wider streets and improved water supplies. New buildings were (5)___ using bricks instead of wood.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank no. 2.

Ans ✗ 1. smashed

✗ 2. shattered

✗ 3. demolished

✓ 4. destroyed

Question ID : **26433087433**

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.
A great fire (1)_____ in London in 1666 which (2)_____ the city and made around 1,00,000 people homeless. This fire is said to have begun in a pudding lane. It (3)_____ through the crowded streets and wooden houses. However, after the fire, London was (4)___ with wider streets and improved water supplies. New buildings were (5)___ using bricks instead of wood.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank no. 3.

Ans ✓ 1. swept

✗ 2. glided

✗ 3. carried

✗ 4. pulled

Question ID : **26433087434**

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.
A great fire (1)_____ in London in 1666 which (2)_____ the city and made around 1,00,000 people homeless. This fire is said to have begun in a pudding lane. It (3)_____ through the crowded streets and wooden houses. However, after the fire, London was (4)____ with wider streets and improved water supplies. New buildings were (5)____ using bricks instead of wood.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank no. 4.

Ans　✔ 1. rebuilt

　　　✘ 2. restored

　　　✘ 3. modelled

　　　✘ 4. innovated

Question ID : **26433087435**
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.
A great fire (1)_____ in London in 1666 which (2)_____ the city and made around 1,00,000 people homeless. This fire is said to have begun in a pudding lane. It (3)_____ through the crowded streets and wooden houses. However, after the fire, London was (4)____ with wider streets and improved water supplies. New buildings were (5)____ using bricks instead of wood.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank no. 5.

Ans　✘ 1. organised

　　　✔ 2. erected

　　　✘ 3. fabricated

　　　✘ 4. located

Question ID : **26433087436**
Status : **Answered**
Chosen Option : **2**