Combined Graduate Level Examination-2019 (Tier-I)

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Exam Date	05/03/2020
Exam Time	10:00 AM - 11:00 AM
Subject	CGLE Tier I

Section : **General Intelligence and Reasoning**

Q.1 The two given expressions on both the side of the '=' sign will have the same value if two numbers from either side or both side are interchanged. Select the correct numbers to be interchanged from the given options.

$3 + 5 \times 4 - 24 \div 3 = 7 \times 4 - 3 + 36 \div 6$

Ans
✗ 1. 24, 36
✔ 2. 5, 7
✗ 3. 4, 7
✗ 4. 6, 3

Question ID : **314360230**
Status : **Answered**
Chosen Option : **2**

Q.2 Select the option in which the words share the same relationship as that shared by the given pair of words.

Blunder : Error

Ans
✗ 1. War : Peace
✗ 2. Speak : Hear
✗ 3. Anger : Rage
✔ 4. Euphoria : Happiness

Question ID : **314360219**
Status : **Answered**
Chosen Option : **3**

Q.3 Four letter-clusters have been given, out of which three are alike in some manner, while one is different. Select the odd letter-cluster.

Ans
✗ 1. DFH
✗ 2. LNP
✗ 3. FHJ
✔ 4. TVW

Question ID : **314360216**
Status : **Answered**
Chosen Option : **4**

Q.4 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 from the statements.

Statements:

1. All parakeets are cuckoos.

2. All cuckoos are rabbits.

3. All rabbits are snakes.

Conclusions:

I. All parakeets are snakes.

II. All snakes are cuckoos.

III. All rabbits are parakeets.

IV. All cuckoos are snakes.

Ans
 ✗ 1. Only conclusions II and III follow.

 ✔ 2. Only conclusions I and IV follow.

 ✗ 3. Only conclusions I and II follow.

 ✗ 4. All the conclusions follow.

Question ID : **314360224**
Status : **Answered**
Chosen Option : **2**

Q.5 Select the set of letters that when sequentially placed in the blanks of the given letter series will complete the series.
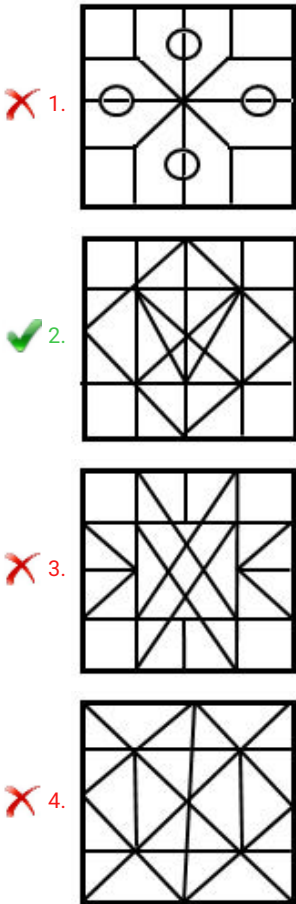
f_hg_fh_gf_hg_fh_g

Ans
 ✗ 1. f, g, h, f, g, h

 ✗ 2. h, f, g, h, f, g

 ✗ 3. g, f, g, f, h, f

 ✔ 4. g, h, f, g, h, f

Question ID : **314360222**
Status : **Answered**
Chosen Option : **1**

Q.6 Select the option figure in which the given figure is embedded (rotation is NOT allowed).

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.
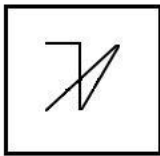
Question ID : 314360235
Status : **Answered**
Chosen Option : **2**

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

aYd, fTi, kOn, pJs, ?

Ans

✗ 1. uEw

✗ 2. uFw

✔ 3. uEx

✗ 4. VeX

Question ID : 314360214
Status : **Answered**
Chosen Option : **3**

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.

Ministers : Council :: Sailors : ?

Ans

✗ 1. Sea

✓ 2. Crew

✗ 3. Ship

✗ 4. Captain

Question ID : 314360218
Status : **Answered**
Chosen Option : **2**

Q.9 Which of the option figures is the exact mirror image of the given figure when the mirror is held at the right side?

qv56jk89lm

Ans

✓ 1. mle8kjaʅvp

✗ 2. mlə8kjeʅvp

✗ 3. dʌʅejk8ɑlɯ

✗ 4. mle8kjaʅvp

Question ID : 314360236
Status : **Answered**
Chosen Option : **1**

Q.10 In a certain code language, U is written as C, K is written as H, L is written as U, N is written as E, S is written as L, E is written as K, and C is written as N. How will 'KNUCKLES' be written as in that language?

Ans

✓ 1. HECNHUKL

✗ 2. HECNHULK

✗ 3. KECNKUHL

✗ 4. CHUECKN

Question ID : 314360220
Status : **Answered**
Chosen Option : **1**

Q.11 If each letter of the English alphabet is assigned an odd numerical value in increasing order, such as A = 1, B = 3 and so on, then what will be the code of HONEY?

Ans

✗ 1. 152927947

✗ 2. 132725745

✓ 3. 152927949

✗ 4. 132725747

Question ID : 314360221
Status : **Answered**
Chosen Option : **3**

Q.12 Shaan has a total of ₹5,500 with him. He buys product 'Z' at ₹5,000 from this sum and then sells it to another person, thus making a profit of 15% on it. With all the money he has now, he buys product 'X' and then sells it to another person making a profit of 25% on it. What is the total money Shaan has now?

Ans
  ✗ 1. ₹7,187.50

  ✓ 2. ₹7,812.50

  ✗ 3. ₹6,325.50

  ✗ 4. ₹7,815.50

Question ID : 314360231
Status : **Not Answered**
Chosen Option : --

Q.13 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

10	4	14	35
15	3	5	25
14	7	6	12
18	?	8	16

Ans
  ✗ 1. 8

  ✗ 2. 6

  ✗ 3. 7

  ✓ 4. 9

Question ID : 314360229
Status : **Answered**
Chosen Option : **4**

Q.14 There is a family of five members: K, L, M , N and O. Among them, there is one married couple. O is unmarried and is the brother of K. N is the sister of O. M is the only married female and the mother of N. L and O are the only males in the group.

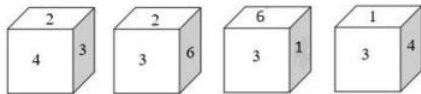Who is the father of K?

Ans
  ✗ 1. M

  ✗ 2. O

  ✗ 3. K

  ✓ 4. L

Question ID : 314360223
Status : **Answered**
Chosen Option : **4**

Q.15 चार शब्द दिए गए हैं, जिनमें से तीन किसी न किसी तरह समान हैं और एक असमान है। उस असमान शब्द का चयन करें।

Ans   ✗ 1. दरिद्रता

     ✓ 2. समृद्धि

     ✗ 3. अभाव

     ✗ 4. कंगाली

Question ID : **314360217**
Status : **Answered**
Chosen Option : **2**

Q.16 Four positions of the same dice are shown. Select the number that will be on the face opposite to the one showing '3'.

Ans   ✗ 1. 6

     ✗ 2. 2

     ✗ 3. 4

     ✓ 4. 5

Question ID : **314360234**
Status : **Answered**
Chosen Option : **4**

Q.17 Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

72 : 108 :: 84 : ? :: 102 : 153

Ans   ✓ 1. 126

     ✗ 2. 117

     ✗ 3. 144

     ✗ 4. 135

Question ID : **314360226**
Status : **Answered**
Chosen Option : **1**

Q.18 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different.

Ans   ✗ 1. 121-145

     ✗ 2. 289-325

     ✓ 3. 225-241

     ✗ 4. 169-197

Question ID : **314360227**
Status : **Answered**
Chosen Option : **3**

Q.19 Select the option in which the numbers are related in the same way as are the numbers in the given set.

(13, 65, 117)

Ans ✗ 1. (17, 85, 163)
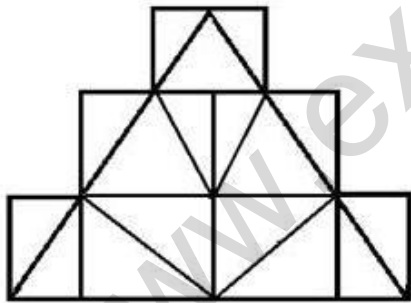
✗ 2. (12, 55, 109)

✗ 3. (14, 70, 127)

✓ 4. (15, 75, 135)

Question ID : **314360228**
Status : **Answered**
Chosen Option : **4**

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

40, 37, 43, 34, 46, ?

Ans ✗ 1. 51

✗ 2. 41

✓ 3. 31

✗ 4. 61

Question ID : **314360225**
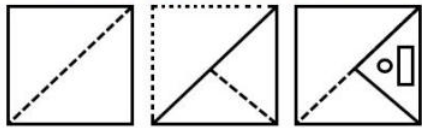Status : **Answered**
Chosen Option : **3**

Q.21 How many triangles are present in the given figure?
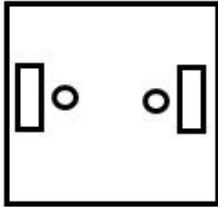
Ans ✓ 1. 23

✗ 2. 21

✗ 3. 22

✗ 4. 20

Question ID : **314360233**
Status : **Not Answered**
Chosen Option : **--**

Q.22 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?
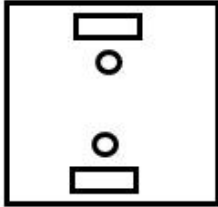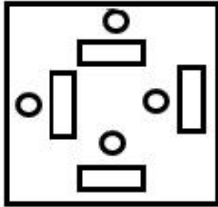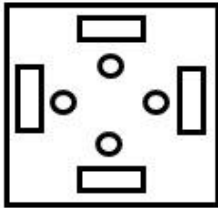

Ans

Question ID : **314360237**
Status : **Answered**
Chosen Option : **4**

Q.23 Arrange the following in a logical sequence from small to big.

1. Crocodile

2. Lizard

3. Whale

4. Housefly

5. Monkey

Ans ✔ 1. 4, 2, 5, 1, 3

✗ 2. 4, 5, 2, 1, 3

✗ 3. 3, 5, 4, 1, 2

✗ 4. 4, 3, 2, 1, 5

Question ID : **314360215**
Status : **Answered**
Chosen Option : **1**

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

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.
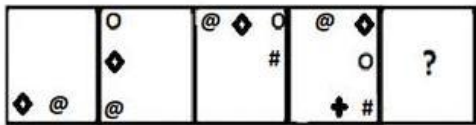
Question ID : **314360232**
Status : **Answered**
Chosen Option : **4**

Q.25 In the given Venn diagram, the triangle represents students playing table tennis, the rectangle represents students p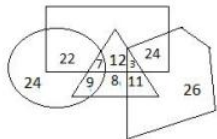laying badminton, the circle represents female students, and the pentagon represents students playing football. The numbers given in the diagram represent the number of persons in that particular category.

How many female students play both table tennis and badminton?

Ans   ✔ 1. 7

   ✘ 2. 9

   ✘ 3. 22

   ✘ 4. 18

Question ID : **314360238**
Status : **Answered**
Chosen Option : **1**

Section : **General Awareness**

Q.1 **VISHWAS, which is a major e-governance initiative launched by the government in January 2020, is the acronym for which of the following?**

Ans   ✘ 1. Video Integration and State Wide Advanced System

   ✘ 2. Video Integration and System Wide Advanced Security

   ✘ 3. Video Interface and State Wide Advanced Security

   ✔ 4. Video Integration and State Wide Advanced Security

Question ID : **314360257**
Status : **Not Answered**
Chosen Option : **--**

Q.2 **The 23rd National Youth Festival (NYF) 2020 was celebrated in Lucknow to commemorate the birth anniversary of _____.**

Ans   ✘ 1. Jawaharlal Nehru

   ✘ 2. Mahatma Gandhi

   ✘ 3. Sardar Vallabhbhai Patel

   ✔ 4. Swami Vivekananda

Question ID : **314360262**
Status : **Answered**
Chosen Option : **4**

Q.3 The police of which state was honoured with the President's Colours award in December 2019?

Ans
- ✗ 1. Maharashtra
- ✗ 2. Kerala
- ✔ 3. Gujarat
- ✗ 4. Tamil Nadu

Question ID : **314360258**

Status : **Answered**

Chosen Option : **3**

Q.4 Which of the following rivers flows through Tiruttani a famous pilgrimage place of South India?

Ans
- ✗ 1. Kaveri
- ✔ 2. Nandi
- ✗ 3. Vaigai
- ✗ 4. Palar

Question ID : **314360248**

Status : **Not Answered**

Chosen Option : **--**

Q.5 Ishwar Sharma has been honoured with the Global Child Prodigy Award 2020. What is this award associated with?

Ans
- ✗ 1. Sports
- ✗ 2. Science
- ✔ 3. Yoga
- ✗ 4. Literature

Question ID : **314360256**

Status : **Answered**

Chosen Option : **2**

Q.6 Which National Park among the following is the largest protected area in the Eastern Himalayan sub-region?

Ans
- ✗ 1. Bandipur National Park
- ✔ 2. Namdapha National Park
- ✗ 3. Keibul Lamjao National Park
- ✗ 4. Jim Corbett National Park

Question ID : **314360250**

Status : **Answered**

Chosen Option : **3**

Q.7 As per the government rules, how much percentage of advance tax needs to be paid by 15th June by an individual who is liable to pay advance tax?

Ans ✓ 1. 15%

✗ 2. 10%

✗ 3. 25%

✗ 4. 30%

Question ID : **314360242**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.8 What is the colour of the light emitted by the Sun?

Ans ✓ 1. White

✗ 2. Red

✗ 3. Yellow

✗ 4. Orange

Question ID : **314360244**

Status : **Answered**

Chosen Option : **1**

Q.9 Pongal festival is celebrated for four days in Tamil Nadu. What is the fourth day of Pongal called?

Ans ✗ 1. Thai Pongal

✓ 2. Kaanum Pongal

✗ 3. Mattu Pongal

✗ 4. Bhogi Pongal

Question ID : **314360240**

Status : **Not Answered**

Chosen Option : **--**

Q.10 The Indian Railways has integrated its helpline numbers into a single number. What is the number?

Ans ✗ 1. 160

✓ 2. 139

✗ 3. 150

✗ 4. 145

Question ID : **314360263**

Status : **Answered**

Chosen Option : **2**

Q.11 Chiropody is a branch of science related to which part of the body?

Ans ✗ 1. Lungs

✗ 2. Kidney

✔ 3. Feet

✗ 4. Liver

Question ID : **314360246**
Status : **Answered**
Chosen Option : **3**

Q.12 G. Babita Rayudu took charge as an Executive Director for which of the following organisations in January 2020?

Ans ✔ 1. The Securities and Exchange Board of India

✗ 2. Bombay Stock Exchange

✗ 3. Small Industries Development Bank of India

✗ 4. Insurance Regulatory and Development Authority of India

Question ID : **314360255**
Status : **Not Answered**
Chosen Option : **--**

Q.13 The researchers of which academic institution employed the nanoscale phenomenon called 'Electrokinetic streaming potential' to harvest energy from flowing water on a small scale like water flowing through household water taps?

Ans ✔ 1. IIT Guwahati

✗ 2. IIT Madras

✗ 3. IIT Delhi

✗ 4. IIT Bombay

Question ID : **314360243**
Status : **Not Answered**
Chosen Option : **--**

Q.14 In terms of area, which state has the largest forest cover in India?

Ans ✗ 1. Kerala

✔ 2. Madhya Pradesh

✗ 3. Odisha

✗ 4. Maharashtra

Question ID : **314360249**
Status : **Answered**
Chosen Option : **2**

Q.15 Which district has been awarded the Plastic Waste Management Award -2020 for being the best district of India in the plastic waste management category during Swachhta Hi Seva 2019?

Ans
✗ 1. Jorhat

✗ 2. Hojai

✓ 3. Dibrugarh

✗ 4. Majuli

Question ID : **314360261**
Status : **Not Answered**
Chosen Option : **--**

Q.16 In which year was the Currency Building in the BBD Bagh or Dalhousie area of Kolkata constructed?

Ans
✗ 1. 1910

✗ 2. 1850

✗ 3. 1900

✓ 4. 1833

Question ID : **314360254**
Status : **Answered**
Chosen Option : **2**

Q.17 Which is the first Indian company to hit the ₹10 lakh crore mark in market capitalisation?

Ans
✗ 1. Tata Consultancy Services

✓ 2. Reliance Industries

✗ 3. HDFC Bank

✗ 4. ICICI Bank

Question ID : **314360241**
Status : **Answered**
Chosen Option : **1**

Q.18 The famous 11-day long 'Dhanu Jatra', considered as the largest open-air theatre of the world is celebrated in which state?

Ans
✓ 1. Odisha

✗ 2. Manipur

✗ 3. Meghalaya

✗ 4. Assam

Question ID : **314360239**
Status : **Answered**
Chosen Option : **1**

Q.19 Which dynasty built the pancha rathas of Mahabalipuram?

Ans
- ✗ 1. Chola
- ✗ 2. Chera
- ✗ 3. Satavahana
- ✓ 4. Pallava

Question ID : **314360253**
Status : **Not Answered**
Chosen Option : **--**

Q.20 In January 2020, B. Sai Deepak set a Guinness World Record for most side lunges in 60 seconds. How many lunges did he do?

Ans
- ✗ 1. 50
- ✗ 2. 30
- ✓ 3. 59
- ✗ 4. 40

Question ID : **314360260**
Status : **Not Answered**
Chosen Option : **--**

Q.21 In which year was the Nahargarh Fort in Jaipur built by Maharaja Sawai Jai Singh II ?

Ans
- ✓ 1. 1734
- ✗ 2. 1805
- ✗ 3. 1780
- ✗ 4. 1800

Question ID : **314360251**
Status : **Not Answered**
Chosen Option : **--**

Q.22 Jasprit Bumrah has been selected to receive which of the following awards for his performance in international cricket in the 2018-19 season?

Ans
- ✗ 1. C.K. Nayudu
- ✗ 2. Madhavrao Scindia
- ✗ 3. M.A. Chidambaram
- ✓ 4. Polly Umrigar

Question ID : **314360259**
Status : **Answered**
Chosen Option : **4**

Q.23 What was the theme of the 107th Indian Science Congress held in Bengaluru?

Ans ✗ 1. Future India : Science and Technology

✗ 2. Science and Technology for National Development

✗ 3. Reaching the Unreached through Science and Technology

✔ 4. Science and Technology: Rural Development

Question ID : **314360245**
Status : **Answered**
Chosen Option : **4**

Q.24 In which of the following locations was the Quit India Movement launched by Mahatma Gandhi in 1942?

Ans ✗ 1. Shivaji Park

✔ 2. August Kranti Maidan

✗ 3. Jallianwala Bagh

✗ 4. Pragati Maidan

Question ID : **314360252**
Status : **Answered**
Chosen Option : **4**

Q.25 Name the law in Physics which states that equal volume of all gases under the same conditions of temperature and pressure contain equal number of molecules.

Ans ✔ 1. Avogadro's Law

✗ 2. Boyles's Law

✗ 3. Ohm's Law

✗ 4. Charles's Law

Question ID : **314360247**
Status : **Answered**
Chosen Option : **1**

Section : **Quantitative Aptitude**

Q.1 If $16a^4 + 36a^2b^2 + 81b^4 = 91$ and $4a^2 + 9b^2 - 6ab = 13$, then what is the value of $3ab$?

Ans ✗ 1. -3

✗ 2. 5

✗ 3. $\dfrac{3}{2}$

✔ 4. $-\dfrac{3}{2}$

Question ID : **314360277**
Status : **Answered**
Chosen Option : **2**

Q.2 D is the midpoint of side BC of ΔABC. Point E lies on AC such that $CE = \frac{1}{3}$ AC. BE and AD intersect at G. What is $\frac{AG}{GD}$?

Ans
✔ 1. 4 : 1
✘ 2. 8 : 3
✘ 3. 3 : 1
✘ 4. 5 : 2

Question ID : **314360281**
Status : **Answered**
Chosen Option : **1**

Q.3 The given table represents the exports (in ₹crores) of four items A, B, C and D over a period of six years. Study the table and answer the question that follows.

Item → / Year ↓	A	B	C	D
2010	240	128	180	214
2011	250	134	244	282
2012	225	138	230	247
2013	370	169	340	224
2014	425	182	300	309
2015	400	209	306	275

What is the ratio of the total exports of item A in 2014 and 2015 to the total exports of item C in 2011 and 2015?

Ans
✔ 1. 3 : 2
✘ 2. 7 : 5
✘ 3. 5 : 4
✘ 4. 4 : 3

Question ID : **314360285**
Status : **Answered**
Chosen Option : **1**

Q.4 The average of 24 numbers is 56. The average of the first 10 numbers is 71.7 and that of the next 11 numbers is 42. The next three numbers (i.e., 22nd, 23rd and 24th) are in the ratio $\frac{1}{2} : \frac{1}{3} : \frac{5}{12}$. What is the average of the 22nd and 24th numbers?

Ans
✔ 1. 60.5
✘ 2. 58
✘ 3. 55
✘ 4. 49.5

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Question ID : **314360266**
Status : **Not Answered**
Chosen Option : **--**

Q.5 The value of $\dfrac{sec^6\theta - tan^6\theta - 3sec^2\theta\, tan^2\theta + 1}{cos^4\theta - sin^4\theta + 2sin^2\theta + 2}$ is:

Ans

✖ 1. $\dfrac{3}{4}$

✔ 2. $\dfrac{2}{3}$

✖ 3. $\dfrac{1}{2}$

✖ 4. 1

Question ID : **314360284**
Status : **Answered**
Chosen Option : **2**

Q.6 If $P = \dfrac{x^3 + y^3}{(x-y)^2 + 3xy}$, $Q = \dfrac{(x+y)^2 - 3xy}{x^3 - y^3}$ and $R = \dfrac{(x+y)^2 + (x-y)^2}{x^2 - y^2}$, then what is the value of $(P \div Q) \times R$?

Ans

✖ 1. $2xy$

✔ 2. $2(x^2 + y^2)$

✖ 3. $x^2 + y^2$

✖ 4. $4xy$

Question ID : **314360275**
Status : **Not Answered**
Chosen Option : **--**

Q.7 The compound interest on a certain sum at $16\frac{2}{3}\%$ p.a. for 3 years is ₹6,350. What will be the simple interest on the same sum at the same rate for $5\frac{2}{3}$ years?

Ans

✔ 1. ₹10,200

✖ 2. ₹7,620

✖ 3. ₹11,400

✖ 4. ₹9,600

Question ID : **314360271**
Status : **Not Answered**
Chosen Option : **--**

Q.8 A train takes $2\frac{1}{2}$ hours less for a journey of 300 km, if its speed is increased by 20 km/h from its usual speed. How much time will it take to cover a distance of 192 km at its usual speed?

Ans

✖ 1. 6 hours

✔ 2. 4.8 hours

✖ 3. 3 hours

✖ 4. 2.4 hours

Question ID : **314360273**
Status : **Answered**
Chosen Option : **2**

Q.9 The given table represents the exports (in ₹crores) of four items A, B, C and D over a period of six years. Study the table and answer the question that follows.

Item ↘ Year ↓	A	B	C	D
2010	240	128	180	214
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2012	225	138	230	247
2013	370	169	340	224
2014	425	182	300	309
2015	400	209	306	275

The total exports of item A from 2012 to 2014 is what percentage less than the total exports of all the four items in 2015? (Correct to one decimal place)

Ans
✗ 1. 15.2%

✗ 2. 13.8%

✗ 3. 16.7%

✔ 4. 14.3%

Question ID : 314360287
Status : **Not Answered**
Chosen Option : --

Q.10 If $x^2 - 2\sqrt{5}x + 1 = 0$, then what is the value of $x^5 + \dfrac{1}{x^5}$?

Ans
✗ 1. $408\sqrt{5}$

✔ 2. $610\sqrt{5}$

✗ 3. $406\sqrt{5}$

✗ 4. $612\sqrt{5}$

Question ID : 314360276
Status : **Answered**
Chosen Option : **2**

Q.11 The diagonal of a square A is $(a + b)$ units. What is the area (in square units) of the square drawn on the diagonal of square B whose area is twice the area of A?

Ans
✗ 1. $4(a + b)^2$

✗ 2. $(a + b)^2$

✗ 3. $8(a + b)^2$

✔ 4. $2(a + b)^2$

Question ID : 314360274
Status : **Answered**
Chosen Option : **4**

Q.12 The given table represents the exports (in ₹crores) of four items A, B, C and D over a period of six years. Study the table and answer the question that follows.

Item → / Year ↓	A	B	C	D
2010	240	128	180	214
2011	250	134	244	282
2012	225	138	230	247
2013	370	169	340	224
2014	425	182	300	309
2015	400	209	306	275

The total exports of item D in 2010, 2012 and 2014 is what percentage of the total exports of all the four items in 2011 and 2012?

Ans ✔ 1. 44%

✘ 2. 44.8%

✘ 3. 45%

✘ 4. 46.2%

Question ID : 314360288
Status : **Answered**
Chosen Option : **1**

Q.13 A shopkeeper bought 80 kg of rice at a discount of 10%. Besides 1 kg rice was offered free to him on the purchase of every 20 kg rice. If he sells the rice at the marked price, his profit percentage will be:

Ans ✘ 1. $15\frac{3}{7}\%$

✔ 2. $16\frac{2}{3}\%$

✘ 3. $14\frac{2}{7}\%$

✘ 4. $15\frac{1}{3}\%$

Question ID : 314360267
Status : **Not Answered**
Chosen Option : **--**

Q.14 Pipes A and B can fill a tank in 10 hours and 40 hours, respectively. C is an outlet pipe attached to the tank. If all the three pipes are opened simultaneously, it takes 80 minutes more time than what A and B together take to fill the tank. A and B are kept opened for 7 hours and then closed and C was opened. C will now empty the tank in:

Ans ✘ 1. 42 hours

✘ 2. 45.5 hours

✔ 3. 49 hours

✘ 4. 38.5 hours

Question ID : 314360272
Status : **Not Answered**
Chosen Option : **--**

Q.15 The given table represents the exports (in ₹crores) of four items A, B, C and D over a period of six years. Study the table and answer the question that follows.

Item Year	A	B	C	D
2010	240	128	180	214
2011	250	134	244	282
2012	225	138	230	247
2013	370	169	340	224
2014	425	182	300	309
2015	400	209	306	275

In which year, the exports of item D were 1.4 times the average exports of item B during six years?

Ans ✔ 1. 2013

✘ 2. 2012

✘ 3. 2014

✘ 4. 2011

Question ID : 314360286
Status : **Answered**
Chosen Option : **1**

Q.16 If $5 \sin \theta = 4$, then the value of $\frac{\sec\theta + 4\cot\theta}{4\tan\theta - 5\cos\theta}$ is:

Ans ✔ 1. 2

✘ 2. $\frac{5}{4}$

✘ 3. $\frac{3}{2}$

✘ 4. 1

Question ID : 314360283
Status : **Answered**
Chosen Option : **1**

Q.17 In an examination in which the full marks were 500, A scored 25% more marks than B, B scored 60% more marks than C and C scored 20% less marks than D. If A scored 80% marks, then the percentage of marks obtained by D is:

Ans ✘ 1. 65%

✘ 2. 60%

✔ 3. 50%

✘ 4. 54%

Question ID : 314360268
Status : **Answered**
Chosen Option : **3**

Q.18 Two chords AB and CD of a circle with centre O intersect each other at P. If $\angle APC = 95°$ and $\angle AOD = 110°$, then $\angle BOC$ is:

Ans
✗ 1. $65°$
✗ 2. $70°$
✗ 3. $55°$
✔ 4. $60°$

Question ID : **314360279**
Status : **Answered**
Chosen Option : **4**

Q.19 In $\triangle ABC$, $\angle C = 90°$, $AC = 5$ cm and $BC = 12$ cm. The bisector of $\angle A$ meets BC at D. What is the length of AD?

Ans
✔ 1. $\frac{5\sqrt{13}}{3}$ cm
✗ 2. $2\sqrt{13}$ cm
✗ 3. $\frac{4}{3}\sqrt{13}$ cm
✗ 4. $\frac{2}{3}\sqrt{13}$ cm

Question ID : **314360280**
Status : **Answered**
Chosen Option : **1**

Q.20 The ratio of the ages of A and B, 8 years ago, was 2 : 3. Four years ago, the ratio of their ages was 5 : 7. What will be the ratio of their ages 8 years from now?

Ans
✔ 1. $4:5$
✗ 2. $3:4$
✗ 3. $7:8$
✗ 4. $5:6$

Question ID : **314360270**
Status : **Answered**
Chosen Option : **1**

Q.21 The value of $\dfrac{3\frac{2}{3} \div \frac{11}{30} \, of \, \frac{2}{3} - \frac{1}{4} \, of \, 2\frac{1}{2} \div \frac{3}{5} \times 4\frac{4}{5}}{\frac{2}{5} \, of \, 7\frac{1}{2} \div \frac{3}{4} - \frac{3}{4} \times 1\frac{1}{2} \div 2\frac{1}{4}}$ is:

Ans

✗ 1. $2\frac{2}{9}$

✗ 2. $\frac{10}{21}$

✔ 3. $2\frac{6}{7}$

✗ 4. $3\frac{4}{7}$

Question ID : **314360265**
Status : **Not Answered**
Chosen Option : **--**

Q.22 Sudha sold an article to Renu for ₹576 at a loss of 20%. Renu spent a sum of ₹224 on its transportation and sold it to Raghu at a price which would have given Sudha a profit of 24%. The percentage of gain for Renu is:

Ans

✗ 1. 13.2%

✔ 2. 11.6%

✗ 3. 10.5%

✗ 4. 12.9%

Question ID : **314360269**
Status : **Answered**
Chosen Option : **2**

Q.23 If $12cos^2\theta - 2sin^2\theta + 3cos\theta = 3, 0° < \theta < 90°$, then what is the value of $\frac{cosec\theta + sec\theta}{tan\theta + cot\theta}$?

Ans

✗ 1. $\frac{1+2\sqrt{2}}{2}$

✗ 2. $\frac{2+\sqrt{3}}{4}$

✗ 3. $\frac{4+\sqrt{3}}{4}$

✔ 4. $\frac{1+\sqrt{3}}{2}$

Question ID : **314360282**
Status : **Answered**
Chosen Option : **4**

Q.24 If the nine-digit number $708x6y8z9$ is divisible by 99, then what is the value of $x + y + z$?

Ans
   ✗ 1. 27
   ✗ 2. 5
   ✔ 3. 16
   ✗ 4. 9

Question ID : **314360264**
Status : **Not Answered**
Chosen Option : **--**

Q.25 Sides AB and DC of a cyclic quadrilateral ABCD are produced to meet at E, and sides AD and BC are produced to meet at F. If $\angle ADC = 75°$, and $\angle BEC = 52°$, then the difference between $\angle BAD$ and $\angle AFB$ is:

Ans
   ✔ 1. 31°
   ✗ 2. 22°
   ✗ 3. 21°
   ✗ 4. 23°

Question ID : **314360278**
Status : **Not Answered**
Chosen Option : **--**

Section : **English Comprehension**

Q.1 In the sentence identify the segment which contains the grammatical error.

Modern man is completely engross in the mad pursuit of material pleasures and luxuries.

Ans
   ✗ 1. material pleasures and luxuries
   ✗ 2. mad pursuit of
   ✔ 3. completely engross
   ✗ 4. Modern man is

Question ID : **314360290**
Status : **Answered**
Chosen Option : **3**

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

A bed of roses

Ans
   ✗ 1. A difficult path
   ✗ 2. A pleasant perfume
   ✔ 3. An easy and happy situation
   ✗ 4. A valley full of flowers

Question ID : **314360307**
Status : **Answered**
Chosen Option : **3**

Q.3 Select the correct passive form of the given sentence.

They offered me a chair

Ans   ✗ 1. A chair was being offered to me.

     ✗ 2. I offered a chair to them.

     ✔ 3. I was offered a chair by them.

     ✗ 4. A chair is offered to me by them.

Question ID : **314360291**
Status : **Answered**
Chosen Option : **3**

Q.4 Select the correct indirect form of the given sentence.

"What a good idea!", Seema remarked.

Ans   ✗ 1. Seema exclaimed that the idea is good.

     ✔ 2. Seema exclaimed that it was a very good idea.

     ✗ 3. Seema told what an idea!

     ✗ 4. Seema said what a good idea it is.

Question ID : **314360292**
Status : **Answered**
Chosen Option : **2**

Q.5 Select the most appropriate word to fill in the blank.

I like both tea and coffee but prefer the _____.

Ans   ✔ 1. latter

     ✗ 2. last

     ✗ 3. least

     ✗ 4. later

Question ID : **314360314**
Status : **Answered**
Chosen Option : **1**

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

A close-fisted person

Ans   ✗ 1. A cruel person

     ✗ 2. A kind person

     ✔ 3. A miserly person

     ✗ 4. A strong person

Question ID : **314360308**
Status : **Answered**
Chosen Option : **3**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

A (1)_____ of trucks carrying soldiers was coming down the mountain road. The trucks (2) _____ slowly as there had been heavy snowfall in that area . Suddenly, with a (3) _____ a huge tree on the hill side fell bringing along with it boulders and mud. (4) _____, the driver of first truck stopped in time. The soldiers got down and started (5) _____ the road.

SubQuestion No : 7

Q.7   Select the most appropriate option for blank no. 1

Ans   ✔️ 1. convoy

❌ 2. flock

❌ 3. bevy

❌ 4. crew

Question ID : **314360296**
Status : **Answered**
Chosen Option : **1**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

A (1)_____ of trucks carrying soldiers was coming down the mountain road. The trucks (2) _____ slowly as there had been heavy snowfall in that area . Suddenly, with a (3) _____ a huge tree on the hill side fell bringing along with it boulders and mud. (4) _____, the driver of first truck stopped in time. The soldiers got down and started (5) _____ the road.

SubQuestion No : 8

Q.8   Select the most appropriate option for blank no. 2

Ans   ❌ 1. was moving

✔️ 2. were moving

❌ 3. has moved

❌ 4. are moving

Question ID : **314360297**
Status : **Answered**
Chosen Option : **2**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

A (1)_____ of trucks carrying soldiers was coming down the mountain road. The trucks (2) _____ slowly as there had been heavy snowfall in that area . Suddenly, with a (3) _____ a huge tree on the hill side fell bringing along with it boulders and mud. (4) _____, the driver of first truck stopped in time. The soldiers got down and started (5) _____ the road.

SubQuestion No : 9

Q.9 **Select the most appropriate option for blank no. 3**

Ans ✗ 1. scream

✗ 2. buzz

✔ 3. crash

✗ 4. splash

Question ID : **314360298**
Status : **Marked For Review**
Chosen Option : **4**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

A (1)_____ of trucks carrying soldiers was coming down the mountain road. The trucks (2) _____ slowly as there had been heavy snowfall in that area . Suddenly, with a (3) _____ a huge tree on the hill side fell bringing along with it boulders and mud. (4) _____, the driver of first truck stopped in time. The soldiers got down and started (5) _____ the road.

SubQuestion No : 10

Q.10 **Select the most appropriate option for blank no. 4**

Ans ✗ 1. Similarly

✗ 2. Magically

✔ 3. Fortunately

✗ 4. Logically

Question ID : **314360299**
Status : **Answered**
Chosen Option : **3**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

A (1)_____ of trucks carrying soldiers was coming down the mountain road. The trucks (2) _____ slowly as there had been heavy snowfall in that area . Suddenly, with a (3) _____ a huge tree on the hill side fell bringing along with it boulders and mud. (4) _____, the driver of first truck stopped in time. The soldiers got down and started (5) _____ the road.

SubQuestion No : 11

Q.11 Select the most appropriate option for blank no. 5

Ans ✗ 1. altering

✔ 2. clearing

✗ 3. changing

✗ 4. moving

Question ID : **314360300**
Status : **Answered**
Chosen Option : **2**

Q.12 Select the most appropriate word to fill in the blank.

He tried to _____ my ring.

Ans ✗ 1. stile

✗ 2. steel

✔ 3. steal

✗ 4. still

Question ID : **314360313**
Status : **Answered**
Chosen Option : **3**

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

A. He is a gifted volleyball player.
B. But now a days he does not play international matches.
C. It is because he had an accident last year.
D. Sanjay is my best friend.

Ans ✗ 1. ABCD

✔ 2. DABC

✗ 3. DCAB

✗ 4. CDBA

Question ID : **314360301**
Status : **Answered**
Chosen Option : **2**

Q.14 Select the wrongly spelt word.

Ans ✗ 1. Cremator

✔ 2. Creater

✗ 3. Cricketer

✗ 4. Cracker

Question ID : **314360311**
Status : **Answered**
Chosen Option : **1**

Q.15 Select one word for the following group of words.

One who loves his country

Ans ✗ 1. Collaborator

✗ 2. Conspirator

✔ 3. Patriot

✗ 4. Traitor

Question ID : **314360309**
Status : **Answered**
Chosen Option : **3**

Q.16 In the sentence identify the segment which contains the grammatical error.

My brother, who live in Delhi, has written me a letter.

Ans ✗ 1. My brother

✗ 2. me a letter

✔ 3. who live in Delhi

✗ 4. has written

Question ID : **314360289**
Status : **Answered**
Chosen Option : **3**

Q.17 Select synonym of the given word.

EXPENSIVE

Ans ✗ 1. Sober

✔ 2. Dear

✗ 3. Gentle

✗ 4. Mild

Question ID : **314360303**
Status : **Answered**
Chosen Option : **2**

Q.18 Select synonym of the given word.

RETAIN

Ans ✗ 1. Destroy

✗ 2. Gain

✗ 3. Convey

✓ 4. Maintain

Question ID : **314360304**

Status : **Answered**

Chosen Option : **4**

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

Hardly had he <u>sit on the chair than </u>it broke.

Ans ✗ 1. sat onto a chair then

✗ 2. No substitution

✓ 3. sat on the chair when

✗ 4. sit in the chair when

Question ID : **314360294**

Status : **Answered**

Chosen Option : **3**

Q.20 Select the word which means the same as the group of words given.

Incapable of paying debts

Ans ✓ 1. Insolvent

✗ 2. Corrupt

✗ 3. Obsolete

✗ 4. Extravagant

Question ID : **314360310**

Status : **Answered**

Chosen Option : **1**

Q.21 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

A. Aesop was one of them who lived in Greece about 2500 years ago.
B. He told many interesting stories to the people.
C. There were many talented people in ancient Greece.
D. Although he was ugly, he had a very clever brain.

Ans ✗ 1. BDAC

✓ 2. CADB

✗ 3. BADC

✗ 4. CDBA

Question ID : **314360302**

Status : **Answered**

Chosen Option : **2**

Q.22 Select the most appropriate word to substitute the underlined word of the given sentence. If no substitution is required, select 'No improvement'.

The diver <u>dive in the pool</u> from a great height.

Ans ✗ 1. No improvement

✔ 2. dived into the pool

✗ 3. dives to a pool

✗ 4. dived at the pool

Question ID : **314360293**
Status : **Answered**
Chosen Option : **2**

Q.23 Select antonym of the given word.

DEXTERITY

Ans ✗ 1. Mastery

✔ 2. Ignorance

✗ 3. Agility

✗ 4. Skill

Question ID : **314360306**
Status : **Answered**
Chosen Option : **2**

Q.24 Select the wrongly spelt word.

Ans ✗ 1. Champion

✔ 2. Chouffer

✗ 3. Charisma

✗ 4. Choir

Question ID : **314360312**
Status : **Answered**
Chosen Option : **2**

Q.25 Select antonym of the given word.

DIVIDE

Ans ✗ 1. Engulf

✔ 2. Unite

✗ 3. Break

✗ 4. Split

Question ID : **314360305**
Status : **Answered**
Chosen Option : **2**

3/15/2020

Combined Graduate Level Examination-2019 (Tier-I)

Roll Number	www.exammix.com
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Exam Date	05/03/2020
Exam Time	1:00 PM - 2:00 PM
Subject	CGLE Tier I

Section : **General Intelligence and Reasoning**

Q.1 Vineet, Rajesh and Kriti have different amounts of money with them. Rajesh has just double the amount of money than Vineet. The total amount of money that Rajesh and Kriti have is ₹147. Kriti has ₹6 more than the amount Vineet has. How much money does Kriti have?

Ans ✗ 1. ₹64

✓ 2. ₹53

✗ 3. ₹50

✗ 4. ₹72

Question ID : **816161242**
Status : **Answered**
Chosen Option : **2**

Q.2 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?

Ans

✗ 1.

✗ 2.

✓ 3.

✗ 4.
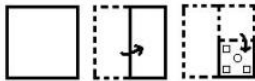
Question ID : **816161248**
Status : **Marked For Review**
Chosen Option : **3**

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

SAT, VEW, YIZ, ? , EUF

Ans ✔ 1. BOC

✘ 2. BUK

✘ 3. FIC

✘ 4. COD

Question ID : **816161233**
Status : **Answered**
Chosen Option : **1**

Q.4 Select the option in which the numbers are related in the same way as are the numbers in the given set.

(7, 98, 196)

Ans ✘ 1. (15, 190, 380)

✘ 2. (18, 185, 360)

✔ 3. (11, 154, 308)

✘ 4. (20, 267, 520)

Question ID : **816161239**
Status : **Marked For Review**
Chosen Option : **3**

Q.5 Select the dice that can be formed by folding the given sheet along the lines.
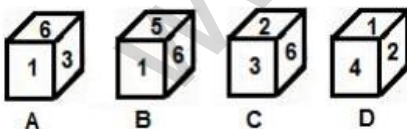
Ans ✘ 1. Only A and B

✔ 2. Only A

✘ 3. Only B

✘ 4. Only C and D

Question ID : **816161245**
Status : **Answered**
Chosen Option : **2**

Q.6 Arrange the following words in the order in which they would appear in an English dictionary.

1. Category

2. Caption

3. Captain

4. Capsule

5. Capacity

Ans   ✗ 1. 5, 4, 3, 1, 2

✓ 2. 5, 4, 3, 2, 1

✗ 3. 4, 5, 3, 2, 1

✗ 4. 5, 4, 1, 3, 2

Question ID : **816161226**
Status : **Answered**
Chosen Option : **2**

Q.7 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

21	18	32
19	22	?
299	296	348

Ans   ✓ 1. 14

✗ 2. 24

✗ 3. 30

✗ 4. 28

Question ID : **816161240**
Status : **Answered**
Chosen Option : **1**

Q.8 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster.

Ans   ✗ 1. NRW

✗ 2. PTY

✓ 3. ADL

✗ 4. LPU

Question ID : **816161227**
Status : **Answered**
Chosen Option : **3**

Q.9 Four words have been given, out of which three are alike in some manner and one is different. Select the odd word.

Ans   ✗ 1. Rabies

✔ 2. Schizophrenia

✗ 3. Polio

✗ 4. Measles

Question ID : **816161228**

Status : **Answered**

Chosen Option : **1**
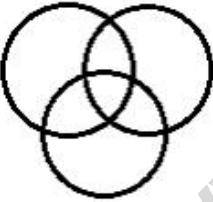
Q.10 Pointing to the photograph of Sanchi, Nitin said, "Her mother's father's son's wife is my mother-in-law's only daughter".
How is Nitin related to Sanchi's mother?

Ans   ✗ 1. Paternal uncle

✗ 2. Paternal grandfather

✗ 3. Maternal uncle

✔ 4. Brother

Question ID : **816161234**

Status : **Answered**

Chosen Option : **4**

Q.11 Which of the following Venn diagram best represents the relationship between the following classes?

Income tax payers, Employees, Males

Ans   ✗ 1.

✔ 2.

✗ 3.

✗ 4.

Question ID : **816161249**

Status : **Answered**

Chosen Option : **2**

Q.12 'Vertebrate' is related to 'Monkey' in the same way as 'Invertebrate' is related to '_____'.

Ans ✓ 1. Starfish

✗ 2. Snake

✗ 3. Deer

✗ 4. Frog

Question ID : **816161229**

Status : **Marked For Review**

Chosen Option : **1**

Q.13 Select the option that is related to the third number in the same way as the second number is related to the first number.

4 : 69 :: 11 : ?

Ans ✗ 1. 1029

✗ 2. 198

✗ 3. 176

✓ 4. 1336

Question ID : **816161237**

Status : **Answered**

Chosen Option : **4**

Q.14 In a certain code language, 'CAUGHT' is coded as '326212087'. How will 'SOLDER' be coded as in that language?

Ans ✗ 1. 2012152358

✓ 2. 1912122359

✗ 3. 1915124359

✗ 4. 1812122459

Question ID : **816161232**

Status : **Answered**

Chosen Option : **2**

Q.15 Which two signs and two numbers should be interchanged to make the given equation correct?

$11 \times 7 \div 35 - 64 + 56 = 47$

Ans ✗ 1. + and − ; 7 and 11

✓ 2. × and ÷ ; 35 and 11

✗ 3. × and ÷ ; 35 and 56

✗ 4. + and − ; 35 and 11

Question ID : **816161241**

Status : **Answered**

Chosen Option : **2**

Q.16 Select the correct mirror image of the given figure when a mirror is placed on its right side.

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.
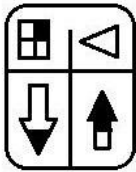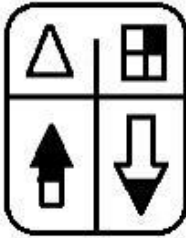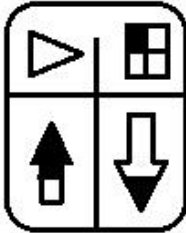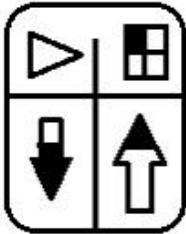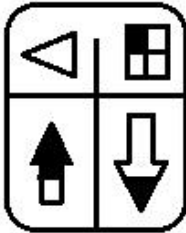
Question ID : **816161247**

Status : **Answered**

Chosen Option : **2**

Q.17 Select the letter-cluster that can replace the question mark (?) in the following series.

AR, CP, ?, GL, IJ, KH

Ans   ✗ 1. DM

✗ 2. DN

✔ 3. EN

✗ 4. EM

Question ID : **816161225**
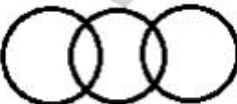
Status : **Answered**

Chosen Option : **3**

Q.18 Select the number that can replace the question mark (?) in the following series.

61, 63, 65, 77, 89, ? , 149, 205

Ans   ✗ 1. 115

       ✗ 2. 123

       ✓ 3. 119

       ✗ 4. 132

Question ID : **816161236**

Status : **Answered**

Chosen Option : **3**

Q.19 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different from the rest

Ans   ✗ 1. 17 : 323

       ✗ 2. 23 : 667

       ✓ 3. 19 : 475

       ✗ 4. 11 : 143

Question ID : **816161238**

Status : **Answered**

Chosen Option : **3**

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

Ans

1.

2.

3.

4.
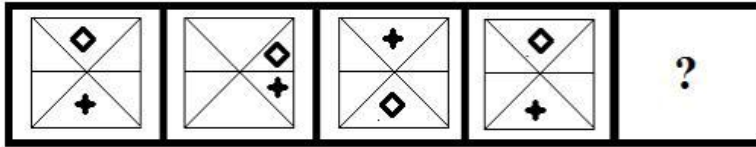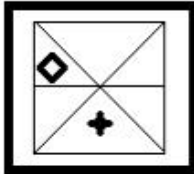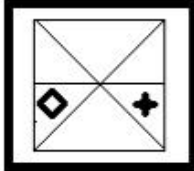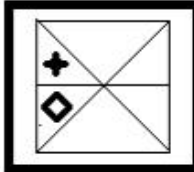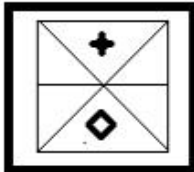
Question ID : **816161243**

Status : **Answered**

Chosen Option : **3**

Q.21 In a certain code language, 'SANCTION' is written as 'XFSHODJI'. How will 'PROFOUND' be written as in that language?

Ans   1. UWTKJPIY

2. UWTKKPIZ

3. UXTKNQIY

4. VWUKMPIY

Question ID : **816161231**

Status : **Answered**

Chosen Option : **1**

Q.22 Select the option in which the words share the same relationship as that shared by the given pair of words.

Examination : Invigilator

Ans ✔ 1. Election : Observer

✗ 2. Bank : Loan

✗ 3. Film : Comedian

✗ 4. Inspection : Approval

Question ID : **816161230**
Status : **Answered**
Chosen Option : **1**

Q.23 How many triangles are there in the given figure?
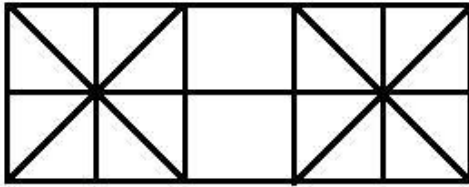
Ans ✗ 1. 34

✗ 2. 33

✔ 3. 32

✗ 4. 35

Question ID : **816161244**
Status : **Marked For Review**
Chosen Option : **3**

Q.24 Select the option that is embedded in the given figure X (rotation is not allowed).

Figure-X

Ans

✗ 1.

✗ 2.

✔ 3.

✗ 4.
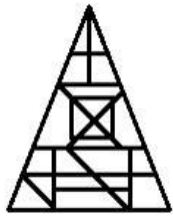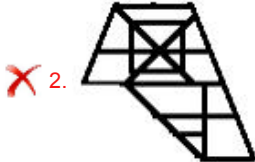
Question ID : **816161246**
Status : **Answered**
Chosen Option : **3**

Q.25 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow from the statements.

Statements:

1. Some papers are copies.

2. No copy is an eraser.

Conclusions:

I. Some copies are papers.

II. Some papers are erasers.

III. No paper is an eraser.

Ans

✗ 1. Only conclusion II and either conclusion I or III follow.

✗ 2. Only conclusions I and II follow.

✔ 3. Only conclusion I and either conclusion II or III follow.

✗ 4. Only conclusions I and III follow.

Question ID : **816161235**
Status : **Answered**
Chosen Option : **3**

Section : **General Awareness**

Q.1 The Indian Army is set to commission the first batch of women soldiers by year _____.

Ans   ✗ 1. 2020

         ✗ 2. 2022

         ✓ 3. 2021

         ✗ 4. 2023

Question ID : **816161272**	
Status : **Answered**	
Chosen Option : **2**	

Q.2 Part VIII of the Constitution of India deals with _____.

Ans   ✗ 1. States

         ✗ 2. Municipalities

         ✓ 3. Union Territories

         ✗ 4. Panchayats

Question ID : **816161268**	
Status : **Not Answered**	
Chosen Option : **--**	

Q.3 Which of the following is NOT located in Odisha?

Ans   ✗ 1. Mayurbhanj Elephant Reserve

         ✗ 2. Sambalpur Elephant Reserve

         ✓ 3. Sonitpur Elephant Reserve

         ✗ 4. Mahanadi Elephant Reserve

Question ID : **816161260**	
Status : **Not Answered**	
Chosen Option : **--**	

Q.4 Which of the following is NOT an ore of iron?

Ans   ✓ 1. Cuprite

         ✗ 2. Haematite

         ✗ 3. Magnetite

         ✗ 4. Siderite

Question ID : **816161257**	
Status : **Not Answered**	
Chosen Option : **--**	

Q.5 **The National Commission for Backward Classes (NCBC) was formed by insertion of Article _____ in the Constitution of India.**

Ans   ✗ 1. 328B

✗ 2. 328A

✗ 3. 338A

✓ 4. 338B

Question ID : **816161269**

Status : **Not Answered**

Chosen Option : **--**

Q.6 **Name the first female amputee to climb Mount Everest.**

Ans   ✗ 1. Premlata Agarwal

✓ 2. Arunima Sinha

✗ 3. Poorna Malavath

✗ 4. Anshu Jamsenpa

Question ID : **816161267**

Status : **Answered**

Chosen Option : **2**

Q.7 **Pernicious anaemia is caused by the deficiency of vitamin _____.**

Ans   ✗ 1. B2

✗ 2. B6

✗ 3. B1

✓ 4. B12

Question ID : **816161258**

Status : **Not Answered**

Chosen Option : **--**

Q.8 **India won its _____ successive title at the South Asian Football Federation Women's Championship in March 2019.**

Ans   ✗ 1. fourth

✗ 2. sixth

✗ 3. second

www.exammix.com

✓ 4. fifth

Question ID : **816161271**

Status : **Not Answered**

Chosen Option : **--**

Q.9 The excavated remains of _____ found near Patna in Bihar was inscribed as a World
Heritage Site by UNESCO in July 2016.

Ans ✖ 1. Ashoka Pillar

✖ 2. Ellora Caves

✖ 3. Sanchi Stupa

✔ 4. Nalanda Mahavihara

Question ID : **816161250**

Status : **Marked For Review**

Chosen Option : **4**

Q.10 The headquarters of the Board of Control for Cricket in India (BCCI) are located in
_____.

Ans ✖ 1. Bengaluru

✔ 2. Mumbai

✖ 3. Kolkata

✖ 4. Delhi

Question ID : **816161270**

Status : **Answered**

Chosen Option : **2**

Q.11 Name the first Lieutenant Governor of the Union Territory of Jammu and Kashmir.

Ans ✖ 1. Arif Mohammad Khan

✖ 2. Bhagat Singh Koshyari

✖ 3. Satya Pal Malik

✔ 4. Girish Chandra Murmu

Question ID : **816161273**

Status : **Answered**

Chosen Option : **4**

Q.12 _____ is also known as the 'Golden City'.

Ans ✖ 1. Dungarpur

✖ 2. Jodhpur

✖ 3. Bundi

✔ 4. Jaisalmer

Question ID : **816161259**

Status : **Marked For Review**

Chosen Option : **2**

Q.13 The aggregate value of goods and services produced in an economy can be calculated by three methods: income method, expenditure method and _____ method.

Ans   ✔ 1. product / value added

✘ 2. spending

✘ 3. deposit

✘ 4. lending

Question ID : **816161253**

Status : **Answered**

Chosen Option : **1**

Q.14 _____ renounced his knighthood in protest for Jalianwalla Bagh mass killing.

Ans   ✘ 1. Jamsetjee Jejeebhoy

✔ 2. Rabindranath Tagore

✘ 3. Shivajirao Holkar

✘ 4. Surendranath Banerjee

Question ID : **816161262**

Status : **Answered**

Chosen Option : **2**

Q.15 'Dharmaraja (Yudhishthir) Ratha', 'Bhima Ratha', 'Arjuna Ratha' and 'Nakula Sahadeva Ratha' are four of the Panch Rathas at Mahabalipuram. What is the name of the fifth Ratha?

Ans   ✘ 1. Bhishma Ratha

✘ 2. Krishna Ratha

✘ 3. Karna Ratha

✔ 4. Draupadi Ratha

Question ID : **816161251**

Status : **Not Answered**

Chosen Option : **--**

Q.16 The _____ in China is the world's longest man-made waterway.

Ans   ✘ 1. Suzhou Canal

✘ 2. Kiel Canal

✘ 3. Corinth Canal

✔ 4. Grand Canal

Question ID : **816161261**

Status : **Not Answered**

Chosen Option : **--**

Q.17 The Gadar (or Ghadar) Party was formed in the year _____.

Ans   ✗ 1. 1921

       ✗ 2. 1918

       ✗ 3. 1915

       ✓ 4. 1913

Question ID :	**816161264**
Status :	**Answered**
Chosen Option :	**1**

Q.18 Alai-Darwaza, the southern gateway of the Quwwat-ul-Islam mosque in Delhi, was constructed by _____.

Ans   ✗ 1. Mu'izz ad-Din Muhammad Ghori

       ✗ 2. Ahmad Shāh Durrani

       ✓ 3. Ala-ud-din Khilji

       ✗ 4. Muhammad bin Tughluq

Question ID :	**816161265**
Status :	**Not Attempted and Marked For Review**
Chosen Option :	**--**

Q.19 The Indus Waters Treaty was signed between India and Pakistan on _____.

Ans   ✓ 1. 19 September 1960

       ✗ 2. 12 November 1959

       ✗ 3. 16 December 1963

       ✗ 4. 18 October 1969

Question ID :	**816161263**
Status :	**Marked For Review**
Chosen Option :	**2**

Q.20 _____ are homogeneous mixtures of two or more components.

Ans   ✗ 1. Amalgams

       ✓ 2. Solutions

       ✗ 3. Enzymes

       ✗ 4. Emulsions

Question ID :	**816161255**
Status :	**Answered**
Chosen Option :	**2**

Q.21 The total number of images formed by two mirrors inclined at 120° to each other is
_____.

Ans   ✗ 1. 4

        ✗ 2. 3

        ✓ 3. 2

        ✗ 4. 1

Question ID : **816161254**
Status : **Answered**
Chosen Option : **3**

Q.22 Depreciation is an annual allowance for the wear and tear of _____.

Ans   ✗ 1. work in progress

        ✗ 2. land

        ✗ 3. finished goods

        ✓ 4. capital goods

Question ID : **816161252**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.23 The Padma Awards are announced around _____ every year.

Ans   ✓ 1. Republic Day

        ✗ 2. Sadbhavana Diwas

        ✗ 3. Independence Day

        ✗ 4. Hindi Diwas

Question ID : **816161266**
Status : **Answered**
Chosen Option : **1**

Q.24 Which of the following can be used as a catalyst in Hydrogenation reaction?

Ans   ✗ 1. Barium

        ✗ 2. Iron

        ✗ 3. Tungsten

        ✓ 4. Palladium

Question ID : **816161256**
Status : **Answered**
Chosen Option : **3**

Q.25 The 'Hyderabad Fund' had been held by the _____ in the account of the High Commissioner of Pakistan to the UK, Habib Ibrahim Rahimtoola.

Ans ✗ 1. Bank of England

✓ 2. National Westminster Bank

✗ 3. Butterfield Private Bank

✗ 4. Kingdom Bank

Question ID : **816161274**

Status : **Marked For Review**

Chosen Option : **2**

Section : **Quantitative Aptitude**

Q.1 In $\triangle ABC, \angle B = 90°$. If points D and E are on side BC such that BD = DE = EC, then which of the following is true?

Ans ✗ 1. $5AE^2 = 2AC^2 + 3AD^2$

✗ 2. $8AE^2 = 5AC^2 + 3AD^2$

✓ 3. $8AE^2 = 3AC^2 + 5AD^2$

✗ 4. $5AE^2 = 3AC^2 + 2AD^2$

Question ID : **816161291**

Status : **Answered**

Chosen Option : **3**

Q.2 When a positive integer is divided by d, the remainder is 15. When ten times of the same number is divided by d, the remainder is 6. The least possible value of d is:

Ans ✗ 1. 9

✓ 2. 16

✗ 3. 18

✗ 4. 12

Question ID : **816161275**

Status : **Answered**

Chosen Option : **1**

Q.3 Reema sold 48 articles for ₹2,160 and suffered a loss of 10%. How many articles should she sell for ₹2,016 to earn a profit of 12%?

Ans ✓ 1. 36

✗ 2. 40

✗ 3. 28

✗ 4. 32

Question ID : **816161280**

Status : **Answered**

Chosen Option : **1**

Q.4 A and B together borrowed a sum of ₹51,750 at an interest rate of 7% p.a. compound interest in such a way that to settle the loan, A paid as much amount after three years as paid by B after 4 years from the day of borrowing. The sum (in ₹) borrowed by A was:

Ans

✗ 1. 25,650

✓ 2. 26,750

✗ 3. 25,000

✗ 4. 24,860

Question ID : **816161282**

Status : **Answered**

Chosen Option : **2**

Q.5 $\dfrac{x^2(x-4)^2}{(x+4)^2-4x} \div \dfrac{(x^2-4x)^3}{(x+4)^2} \times \dfrac{64-x^3}{16-x^2}$ is equal to:

Ans

✗ 1. $\dfrac{x-4}{x+4}$

✗ 2. $\dfrac{x+4}{x(4-x)}$

✓ 3. $\dfrac{x+4}{x(x-4)}$

✗ 4. $\dfrac{x+4}{x-4}$

Question ID : **816161286**

Status : **Answered**

Chosen Option : **3**

Q.6 The marked price of an item is 25% above its cost price. A shopkeeper sells it, allowing a discount of x % on the marked price. If he incurs a loss of 8%, then the value of x is:

Ans

✗ 1. 25.6%

✗ 2. 26.8%

✓ 3. 26.4%

✗ 4. 25.2%

Question ID : **816161278**

Status : **Answered**

Chosen Option : **3**

Q.7 What x is added to each of 10, 16, 22 and 32, the numbers so obtained in this order are in proportion? What is the mean proportional between the numbers $(x + 1)$ and $(3x + 1)$?

Ans

✗ 1. 12

✗ 2. 9

✓ 3. 15

✗ 4. 10

Question ID : **816161281**

Status : **Answered**

Chosen Option : **3**

Q.8 What is the value of $\dfrac{cosec(78°+\theta)-sec(12°-\theta)-tan(67°+\theta)+cot(23°-\theta)}{tan13°tan37°tan45°tan53°tan77°}$?

Ans ✗ 1. 1

✔ 2. 0

✗ 3. 2

✗ 4. −1

Question ID : **816161294**

Status : **Answered**

Chosen Option : **2**

Q.9 The average of some numbers is 54.6. If 75% of the numbers are increased by 5.6 each, and the rest are decreased by 8.4 each, then what is the average of the numbers so obtained?

Ans ✗ 1. 55.6

✗ 2. 55.8

✔ 3. 56.7

✗ 4. 56.3

Question ID : **816161277**

Status : **Answered**

Chosen Option : **3**

Q.10 Diameter AB of a circle with centre O is produced to a point P such that PO = 16.8 cm. PQR is a secant which intersects the circle at Q and R such that PQ = 12 cm and PR = 19.2 cm. The length of AB (in cm) is:

Ans ✗ 1. 14.2

✗ 2. 15.2

✗ 3. 15.8

✔ 4. 14.4

Question ID : **816161289**

Status : **Marked For Review**

Chosen Option : **4**

Q.11 A boat can go 3.6 km upstream and 5.4 km downstream in 54 minutes, while it can go 5.4 km upstream and 3.6 km downstream in 58.5 minutes. The time (in minutes) taken by the boat in going 10 km downstream is:

Ans ✗ 1. 48

✔ 2. 50

✗ 3. 45

✗ 4. 54

Question ID : **816161284**

Status : **Answered**

Chosen Option : **2**

Q.12 If $5cos\theta - 12sin\theta = 0$, then what is the value of $\frac{1+sin\theta+cos\theta}{1-sin\theta+cos\theta}$?

Ans

✗ 1. $\frac{5}{4}$

✓ 2. $\frac{3}{2}$

✗ 3. $\frac{3}{4}$

✗ 4. $\frac{5}{2}$

Question ID : **816161295**

Status : **Answered**

Chosen Option : **2**

Q.13 The given table represents the sale (in thousands) of cars by four companies A, B, C and D in six years. Study the table and answer the question that follows.

Company → / Year ↓	A	B	C	D
2013	45	63	65	67
2014	52	49	60	69
2015	61	60	66	67
2016	72	58	70	63
2017	52	53	63	75
2018	63	67	76	74

The total number of cars sold by companies A in 2017 and C in 2013 is what percentage of the total number of cars sold by all four companies in 2013 and 2016? (correct to one decimal place)

Ans

✗ 1. 23.8

✗ 2. 24.2

✗ 3. 25.6

✓ 4. 23.3

Question ID : **816161299**

Status : **Answered**

Chosen Option : **4**

Q.14 If $11sin^2\theta - cos^2\theta + 4sin\theta - 4 = 0, 0° < \theta < 90°$, then what is the value of $\frac{cos2\theta+cot2\theta}{sec2\theta-tan2\theta}$?

Ans

✓ 1. $\frac{12+7\sqrt{3}}{6}$

✗ 2. $\frac{12+5\sqrt{3}}{3}$

✗ 3. $\frac{10+5\sqrt{3}}{3}$

✗ 4. $\frac{10+7\sqrt{3}}{6}$

Question ID : **816161293**

Status : **Answered**

Chosen Option : **1**

Q.15 If the radius of a right circular cylinder is decreased by 10%, and the height is increased by 20%, then the percentage increase/decrease in its volume is:

Ans

✗ 1. increase by 2.8%

✗ 2. decrease by 1.8%

✗ 3. increase by 1.8%

✔ 4. decrease by 2.8%

Question ID : **816161285**

Status : **Answered**

Chosen Option : **4**

Q.16 ABCD is a cyclic quadrilateral in which sides AD and BC are produced to meet at P, and sides DC and AB meet at Q when produced. If $\angle A = 60°$ and $\angle ABC = 72°$, then $\angle DPC - \angle BQC =$

Ans

✔ 1. 36°

✗ 2. 30°

✗ 3. 24°

✗ 4. 40°

Question ID : **816161290**

Status : **Answered**

Chosen Option : **1**

Q.17 The given table represents the sale (in thousands) of cars by four companies A, B, C and D in six years. Study the table and answer the question that follows.

Company / Year	A	B	C	D
2013	45	63	65	67
2014	52	49	60	69
2015	61	60	66	67
2016	72	58	70	63
2017	52	53	63	75
2018	63	67	76	74

The total number of cars sold by company C in 2018 exceeds the average number of cars sold by company A during 2014 to 2018 by:

Ans

✗ 1. 15,000

✗ 2. 14,000

✔ 3. 16,000

✗ 4. 12,000

Question ID : **816161297**

Status : **Answered**

Chosen Option : **3**

Q.18 A and B spend 60% and 75% of their incomes, respectively. If the savings of A are 20% more than that of B, then by what percentage is the income of A less than the income of B?

Ans
✗ 1. 15

✗ 2. 20

✗ 3. 10

✓ 4. 25

Question ID : **816161279**

Status : **Answered**

Chosen Option : **4**

Q.19 The given table represents the sale (in thousands) of cars by four companies A, B, C and D in six years. Study the table and answer the question that follows.

Company / Year	A	B	C	D
2013	45	63	65	67
2014	52	49	60	69
2015	61	60	66	67
2016	72	58	70	63
2017	52	53	63	75
2018	63	67	76	74

The total number of cars sold by company B during 2015, 2017 and 2018 is what percentage less than the total number of cars sold by company C in 2013, 2015, 2017 and 2018?

Ans
✗ 1. $16\frac{2}{3}$

✓ 2. $33\frac{1}{3}$

✗ 3. 50

✗ 4. 40

Question ID : **816161298**

Status : **Answered**

Chosen Option : **2**

Q.20 To complete a certain task, X is 40% more efficient than Y, and Z is 40% less efficient than Y. Working together, they can complete the task in 21 days. Y and Z together worked for 35 days. The remaining work will be completed by A alone in:

Ans
✗ 1. 8 days

✗ 2. 4 days

✗ 3. 6 days

✓ 4. 5 days

Question ID : **816161283**

Status : **Answered**

Chosen Option : **4**

Q.21 The given table represents the sale (in thousands) of cars by four companies A, B, C and D in six years. Study the table and answer the question that follows.

Company → / Year ↓	A	B	C	D
2013	45	63	65	67
2014	52	49	60	69
2015	61	60	66	67
2016	72	58	70	63
2017	52	53	63	75
2018	63	67	76	74

What is the ratio of the total number of cars sold by companies A, B and D in 2017 to the total number of cars sold by all four companies in 2018?

Ans
✗ 1. 3 : 4

✗ 2. 6 : 13

✔ 3. 9 : 14

✗ 4. 18 : 23

Question ID : **816161296**
Status : **Answered**
Chosen Option : **3**

Q.22 The value of $\frac{3}{5} \times 1\frac{7}{8} \div 1\frac{1}{3}$ of $\frac{3}{16} - \left(3\frac{1}{5} \div 4\frac{1}{2}\text{ of }5\frac{1}{3}\right) \times 2\frac{1}{2} + \frac{1}{2} + \frac{1}{8} \div \frac{1}{4}$ is:

Ans
✗ 1. $4\frac{1}{3}$

✗ 2. $5\frac{5}{6}$

✔ 3. $5\frac{1}{6}$

✗ 4. $4\frac{1}{8}$

Question ID : **816161276**
Status : **Answered**
Chosen Option : **3**

Q.23 In ΔPQR, PQ = 24 cm and $\angle Q = 58°$. S and T are the points on side PQ and PR, respectively, such that $\angle STR = 122°$. If PS = 14 cm and PT = 12 cm, then the length of RT is:

Ans
✗ 1. 14.8 cm

✔ 2. 16 cm

✗ 3. 15 cm

✗ 4. 16.4 cm

Question ID : **816161292**
Status : **Answered**
Chosen Option : **2**

Q.24 If $x^4 + x^2y^2 + y^4 = 273$ and $x^2 - xy + y^2 = 13$, then the value of xy is:

Ans   ✔ 1. 4

     ✘ 2. 10

     ✘ 3. 6

     ✘ 4. 8

Question ID : **816161288**

Status : **Answered**

Chosen Option : **1**

Q.25 If $20x^2 - 30x + 1 = 0$, then what is the value of $25x^2 + \frac{1}{16x^2}$?

Ans   ✘ 1. $58\frac{3}{4}$

     ✔ 2. $53\frac{3}{4}$

     ✘ 3. $53\frac{1}{2}$

     ✘ 4. $58\frac{1}{2}$

Question ID : **816161287**

Status : **Answered**

Chosen Option : **2**

Section : **English Comprehension**

Q.1 Select the correctly spelt word.

Ans   ✘ 1. Beaureacracy

     ✘ 2. Recrutment

     ✔ 3. Reimbursement

     ✘ 4. Surveliance

Question ID : **816161323**

Status : **Answered**

Chosen Option : **3**

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

To take the bull by the horns

Ans   ✘ 1. To speak arrogantly

     ✘ 2. To murder someone

     ✘ 3. To surrender to the enemy

     ✔ 4. To handle difficulties

Question ID : **816161318**

Status : **Answered**

Chosen Option : **4**

Q.3 Given below are four jumbled sentences. Select the option that gives their correct order.

A. Although I had a fear of water, I thought it was an important skill I should learn.
B. However, what I didn't realize was that it would also make me a more confident person.
C. I also thought it would be a good exercise that would make me physically stronger.
D. One of the hardest things I've had to do was to learn how to swim.

Ans ✗ 1. DCBA

✗ 2. ACDB

✔ 3. DACB

✗ 4. BADC

Question ID : **816161313**
Status : **Answered**
Chosen Option : **3**

Q.4 Select the correctly spelt word.

Ans ✔ 1. Definition

✗ 2. Competiter

✗ 3. Proliferete

✗ 4. Beneficiery

Question ID : **816161322**
Status : **Answered**
Chosen Option : **1**

Q.5 Select the correct synonym of the given word.

Erudite

Ans ✔ 1. Learned

✗ 2. Strong

✗ 3. Fashionable

✗ 4. Illiterate

Question ID : **816161315**
Status : **Answered**
Chosen Option : **1**

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

They are constructing a residential youth hostel.

Ans ✗ 1. A residential youth hostel is constructed by them.

✗ 2. A residential youth hostel was constructed by them.

✗ 3. A residential youth hostel has been constructed by them.

✔ 4. A residential youth hostel is being constructed by them.

Question ID : **816161302**
Status : **Answered**
Chosen Option : **4**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Drug addiction is the continued use of a particular drug (1)_____ harmful consequences. Drug addiction not only affects an individual's health and relationship, but also (2)_____ the society and the environment. Prevention of a particular list of drugs can be possible by (3)_____ their sale without a prescription. Drug addicts should be given proper medical treatment and (4)_____ facilities. Motivational and awareness camps should be organized to scale down the consumption (5)_____ drugs.

SubQuestion No : 7

Q.7 **Select the most appropriate option for blank No. 1**

Ans ✗ 1. despite of

✗ 2. though

✗ 3. in spite

✓ 4. despite

Question ID : **816161307**

Status : **Answered**

Chosen Option : **4**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Drug addiction is the continued use of a particular drug (1)_____ harmful consequences. Drug addiction not only affects an individual's health and relationship, but also (2)_____ the society and the environment. Prevention of a particular list of drugs can be possible by (3)_____ their sale without a prescription. Drug addicts should be given proper medical treatment and (4)_____ facilities. Motivational and awareness camps should be organized to scale down the consumption (5)_____ drugs.

SubQuestion No : 8

Q.8 **Select the most appropriate option for blank No. 2**

Ans ✗ 1. imparts

✓ 2. impacts

✗ 3. reflects

✗ 4. reduces

Question ID : **816161308**

Status : **Answered**

Chosen Option : **2**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Drug addiction is the continued use of a particular drug (1)_____ harmful consequences. Drug addiction not only affects an individual's health and relationship, but also (2)_____ the society and the environment. Prevention of a particular list of drugs can be possible by (3)_____ their sale without a prescription. Drug addicts should be given proper medical treatment and (4)_____ facilities. Motivational and awareness camps should be organized to scale down the consumption (5)_____ drugs.

SubQuestion No : 9

Q.9 **Select the most appropriate option for blank No. 3**

Ans   ✗ 1. conducting

    ✓ 2. restricting

    ✗ 3. performing

    ✗ 4. promoting

> Question ID : **816161309**
> Status : **Answered**
> Chosen Option : **2**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Drug addiction is the continued use of a particular drug (1)_____ harmful consequences. Drug addiction not only affects an individual's health and relationship, but also (2)_____ the society and the environment. Prevention of a particular list of drugs can be possible by (3)_____ their sale without a prescription. Drug addicts should be given proper medical treatment and (4)_____ facilities. Motivational and awareness camps should be organized to scale down the consumption (5)_____ drugs.

SubQuestion No : 10

Q.10 **Select the most appropriate option for blank No. 4**

Ans   ✗ 1. regeneration

    ✗ 2. resignation

    ✓ 3. rehabilitation

    ✗ 4. regression

> Question ID : **816161310**
> Status : **Answered**
> Chosen Option : **3**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Drug addiction is the continued use of a particular drug (1)_____ harmful consequences. Drug addiction not only affects an individual's health and relationship, but also (2)_____ the society and the environment. Prevention of a particular list of drugs can be possible by (3)_____ their sale without a prescription. Drug addicts should be given proper medical treatment and (4)_____ facilities. Motivational and awareness camps should be organized to scale down the consumption (5)_____ drugs.

SubQuestion No : 11

Q.11 Select the most appropriate option for blank No. 5

Ans   ✘ 1. for

       ✔ 2. of

       ✘ 3. from

       ✘ 4. by

Question ID : **816161311**
Status : **Answered**
Chosen Option : **2**

Q.12 Select the correct antonym of the given word.

Allure

Ans   ✘ 1. Revive

       ✘ 2. Rewind

       ✔ 3. Repulse

       ✘ 4. Attract

Question ID : **816161316**
Status : **Answered**
Chosen Option : **3**

Q.13 Select the word which means the same as the groups of words given.

A long and aggressive speech

Ans   ✔ 1. Harangue

       ✘ 2. Eloquence

       ✘ 3. Prologue

       ✘ 4. Discussion

Question ID : **816161321**
Status : **Answered**
Chosen Option : **1**

Q.14 Select the word which means the same as the groups of words given.

The school or college in which one has been educated

Ans ✔ 1. Alma mater

✘ 2. Alumni

✘ 3. Graduate

✘ 4. Mentor

Question ID : **816161320**

Status : **Answered**

Chosen Option : **1**

Q.15 Given below are four jumbled sentences. Select the option that gives their correct order.

A. During the celebration, many people display a set of ornamental dolls known as 'Hina' dolls.
B. Hinamatsuri is a celebration of the girls in Japan wishing them a bright future.
C. These royal-looking dolls are dressed in the clothing of the Heian period.
D. These dolls represent the Emperor, Empress and other royal representatives.

Ans ✘ 1. CDBA

✘ 2. ACBD

✘ 3. DBAC

✔ 4. BADC

Question ID : **816161312**

Status : **Answered**

Chosen Option : **4**

Q.16 In the sentence identify the segment which contains the grammatical error.

The old man did not wanted to eat any food.

Ans ✘ 1. to eat

✔ 2. did not wanted

✘ 3. any food

✘ 4. The old man

Question ID : **816161300**

Status : **Answered**

Chosen Option : **2**

Q.17 Select the most appropriate word to fill in the blank.

All students should express their _____ views in the group discussion without any fear.

Ans ✘ 1. outspoken

✘ 2. guarded

✔ 3. candid

✘ 4. secluded

Question ID : **816161324**

Status : **Answered**

Chosen Option : **3**

Q.18 Select the most appropriate word to fill in the blank.

All his endeavors to win his teacher's favour proved _____ and did not bring the desired results.

Ans   ✗ 1. perpetual

✔ 2. futile

✗ 3. apparent

✗ 4. prosperous

Question ID : **816161325**

Status : **Answered**

Chosen Option : **2**

Q.19 In the sentence identify the segment which contains the grammatical error.

No least than fifty participants were present for the singing competition.

Ans   ✔ 1. No least than

✗ 2. the singing competition

✗ 3. fifty participants were

✗ 4. present for

Question ID : **816161301**

Status : **Answered**

Chosen Option : **1**

Q.20 Select the correct antonym of the given word.

Bizarre

Ans   ✗ 1. Strange

✔ 2. Usual

✗ 3. Happy

✗ 4. Weird

Question ID : **816161317**

Status : **Answered**

Chosen Option : **2**

Q.21 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement.

Many of a students were not shortlisted for the personal interview.

Ans   ✗ 1. No improvement

✗ 2. Many of students

✗ 3. The many student

✔ 4. Many of the students

Question ID : **816161305**

Status : **Answered**

Chosen Option : **4**

Q.22 Select the appropriate meaning of the given idiom.

To flog a dead horse

Ans   ✔ 1. To waste the efforts

✗ 2. To accept the challenge

✗ 3. To complete the work

✗ 4. To make the best use of resources

Question ID : **816161319**

Status : **Answered**

Chosen Option : **1**

Q.23 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement.

When I was working in a software company, it was mandatory to <u>register my legally</u> as an authorized software developer.

Ans   ✗ 1. register me legal

✔ 2. register myself legally

✗ 3. register mine legally

✗ 4. No improvement

Question ID : **816161304**

Status : **Answered**

Chosen Option : **2**

Q.24 Select the correct indirect form of the given sentence.

"Hello", he said to his friend. "What can I do for you?"

Ans   ✗ 1. He said hello and asked his friend what can do for him.

✗ 2. He asked and greeted his friend that what he can do for him.

✔ 3. He greeted his friend and asked what he could do for him.

✗ 4. He told hello and asked his friend what he could do for him.

Question ID : **816161303**

Status : **Marked For Review**

Chosen Option : **3**

Q.25 Select the correct synonym of the given word.

Violent

Ans   ✗ 1. Kind

✗ 2. Mild

✗ 3. Calm

✔ 4. Aggressive

Question ID : **816161314**

Status : **Answered**

Chosen Option : **4**

3/15/2020

Combined Graduate Level Examination-2019 (Tier-I)

Roll Number	www.exammix.com
Candidate Name	www.exammix.com
Venue Name	
Exam Date	05/03/2020
Exam Time	4:00 PM - 5:00 PM
Subject	CGLE Tier I

Section : **General Intelligence and Reasoning**

Q.1 Select the figure that can replace the question mark (?) in the following series.

Ans
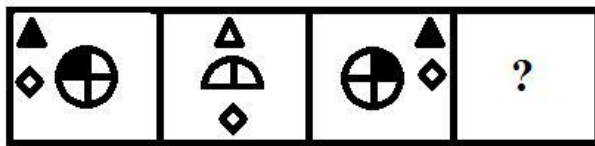
Question ID : **123568232**
Status : **Answered**
Chosen Option : **1**

Q.2 In a certain code language, 'FASTER' is written as 'CDPQHO'. How will 'VIOLIN' be written as in that language?

Ans
✔ 1. SLRILK
✗ 2. SLIRLM
✗ 3. RLTILK
✗ 4. SKIRKO

Question ID : **123568220**
Status : **Answered**
Chosen Option : **1**

Q.3 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

42	37	?
18	24	36
252	296	540

Ans ✗ 1. 55

✓ 2. 45

✗ 3. 50

✗ 4. 40

Question ID : **123568229**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.4 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster.

Ans ✗ 1. ORUX

✗ 2. JMPS

✓ 3. PSVX

✗ 4. ZCFI

Question ID : **123568216**

Status : **Answered**

Chosen Option : **3**

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

A – B means 'A is the brother of B';

A × B means 'A is the father of B';

A ÷ B means 'A is the daughter of B'.

If, P – K × Y – J ÷ S + R, then which of the following statements is NOT correct?

Ans ✗ 1. K is husband of S.

✗ 2. Y is son of S.

✓ 3. J is daughter of P.

✗ 4. P is paternal uncle of R.

Question ID : **123568223**

Status : **Answered**

Chosen Option : **3**

Q.6 Select the number that can replace the question mark (?) in the following series.

45, 47, 53, 65, 85, ?

Ans ✗ 1. 105

✓ 2. 115

✗ 3. 130

✗ 4. 145

Question ID : **123568225**

Status : **Answered**

Chosen Option : **2**

Q.7 Three different positions of the same dice are shown, the six faces of which are numbered from 1 to 6. Select the number that will be on the face opposite to the one showing '6'.
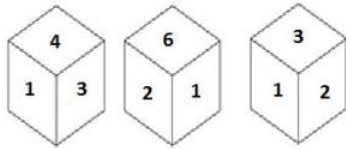
Ans   ✗ 1. 2

✗ 2. 4

✗ 3. 5

✔ 4. 3

Question ID : **123568234**
Status : **Answered**
Chosen Option : **2**

Q.8 How many triangles are there in the given figure?
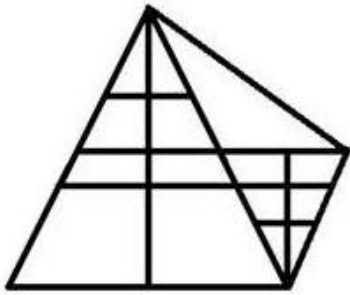
Ans   ✗ 1. 27

✗ 2. 24

✔ 3. 25

✗ 4. 26

Question ID : **123568233**
Status : **Answered**
Chosen Option : **4**

Q.9 'Criticise' is related to 'Condemn' in the same way as 'Solidarity' is related to '_____'.

Ans   ✗ 1. Prosperity

✗ 2. Atrocious

✗ 3. Guilty

✔ 4. Unity

Question ID : **123568218**
Status : **Answered**
Chosen Option : **4**

Q.10 Which two signs and two numbers should be interchanged to make the given equation correct?

$28 - 32 \div 2 \times 8 + 34 = 132$

Ans

  ✗ 1. × and − ; 32 and 34

  ✗ 2. + and − ; 28 and 32

  ✗ 3. × and − ; 8 and 2

  ✔ 4. + and − ; 32 and 34

Question ID : **123568230**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.11 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

1. No bottle is a pen.

2. All jugs are bottles.

Conclusions:

I. Some jugs are pens.

II. No jug is pen.

III. Some bottles are jugs.

Ans

  ✗ 1. All conclusions I, II and III follow.

  ✗ 2. Either conclusion I or II follows.

  ✔ 3. Only conclusions II and III follow.

  ✗ 4. Conclusion III and either conclusion I or II follow.

Question ID : **123568224**

Status : **Answered**

Chosen Option : **3**

Q.12 Select the option in which the words share the same relationship as that shared by the given pair of words.

Player : Team

Ans

  ✔ 1. Flower : Bouquet

  ✗ 2. Purpose : Crowd

  ✗ 3. Ant : Bee

  ✗ 4. Student : Teacher

Question ID : **123568219**

Status : **Answered**

Chosen Option : **1**

Q.13 In a class of 100 students, every student has passed in one or more of the three subjects, i.e. History, Economics and English. Among all the students, 24 students have passed in English only, 14 students have passed in History only, 11 students have passed in both English and Economics only, and 12 students have passed in both English and History only. A total of 50 students have passed in History. If only 5 students have passed in all three subjects, then how many students have passed in Economics only?

Ans　✗ 1. 18

　　　　✗ 2. 10

　　　　✗ 3. 20

　　　　✔ 4. 15

Question ID : **123568231**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.14 In a certain code language, 'AUSTERE' is coded as '13102595'. How will 'SETTING' be coded as in that language?

Ans　✗ 1. 11522867

　　　　✔ 2. 10522957

　　　　✗ 3. 11544957

　　　　✗ 4. 10522948

Question ID : **123568221**

Status : **Answered**

Chosen Option : **1**

Q.15 Select the letter that can replace the question mark (?) in the following series.

A, T, E, U, I, V, O, W, ? , X

Ans　✗ 1. R

　　　　✔ 2. U

　　　　✗ 3. M

　　　　✗ 4. Z

Question ID : **123568214**

Status : **Answered**

Chosen Option : **2**

Q.16 Four words have been given, out of which three are alike in some manner and one is different. Select the odd word.

Ans　✗ 1. Pancreas

　　　　✗ 2. Kidney

　　　　✔ 3. Renin

　　　　✗ 4. Liver

Question ID : **123568217**

Status : **Answered**

Chosen Option : **3**

Q.17 Select the correct mirror image of the given figure when a vertical mirror is placed on the right side of the figure.

Ans

 ✔ 1.

 ✘ 2.

 ✘ 3.

 ✘ 4.

Question ID : **123568236**
Status : **Answered**
Chosen Option : **1**

Q.18 Select the option in which the numbers are related in the same way as are the numbers in the given set.

(8, 7, 407)

Ans ✘ 1. (12, 8, 555)

✘ 2. (10, 8, 576)

✘ 3. (11, 12, 450)
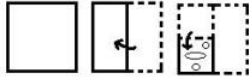
✔ 4. (9, 6, 297)

Question ID : **123568228**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.19 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?

Ans

1.

2.

3.

4.
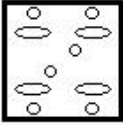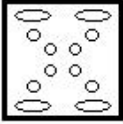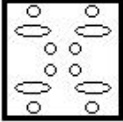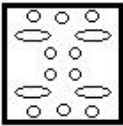
Question ID : **123568237**
Status : **Answered**
Chosen Option : **3**

Q.20 Select the option in which the given figure X is embedded (rotation is not allowed).

Figure X

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.
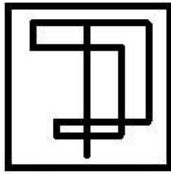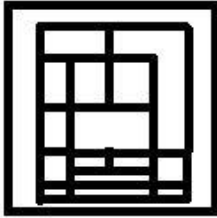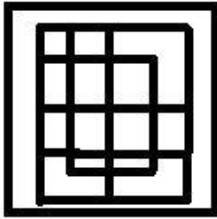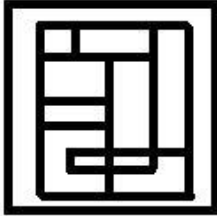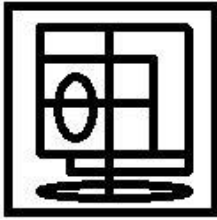
Question ID : **123568235**

Status : **Answered**

Chosen Option : **3**

Q.21 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different from the rest.

Ans ✗ 1. 4209 : 15

✗ 2. 7456 : 22

✔ 3. 5121 : 12

✗ 4. 8101 : 10

Question ID : **123568227**

Status : **Answered**

Chosen Option : **3**

Q.22 Select the option that is related to the third number in the same way as the second number is related to the first number.

13 : 109 :: 24 : ?

Ans   ✗ 1. 194

         ✗ 2. 201

         ✗ 3. 216

         ✔ 4. 197
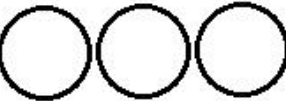
Question ID : **123568226**
Status : **Answered**
Chosen Option : **1**

Q.23 Which of the following Venn diagrams best represents the relationship between the following classes?

Cricketers, Players, Human beings

Ans   ✗ 1.

         ✔ 2.

         ✗ 3.

         ✗ 4.

Question ID : **123568238**
Status : **Answered**
Chosen Option : **2**

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

TULG, WRPC, ZOTY, CLXU, ?

Ans   ✔ 1. FIBQ

         ✗ 2. FICR

         ✗ 3. FJCQ

         ✗ 4. GIAQ

Question ID : **123568222**
Status : **Answered**
Chosen Option : **1**

Q.25 Arrange the following words in a logical and meaningful order.

1. Colonel

2. Field Marshal

3. Brigadier

4. Lieutenant

5. General

Ans   ✗ 1. 1, 2, 3, 5, 4

✓ 2. 2, 5, 3, 1, 4

✗ 3. 2, 5, 1, 4, 3

✗ 4. 3, 5, 2, 4, 1

Question ID : **123568215**
Status : **Answered**
Chosen Option : **2**

Section : **General Awareness**

Q.1 In which of the following cities is the tomb of Rani of Jhansi situated?

Ans   ✓ 1. Gwalior

✗ 2. Jabalpur

✗ 3. Indore

✗ 4. Ujjain

Question ID : **123568251**
Status : **Answered**
Chosen Option : **1**

Q.2 In which of the following states was the 12th naval exercise 'Naseem-Al-Bahr' between India and Oman held?

Ans   ✓ 1. Goa

✗ 2. Gujarat

✗ 3. Kerala

✗ 4. Tamilnadu

Question ID : **123568263**
Status : **Answered**
Chosen Option : **1**

Q.3 Which of the following is used as a substitute of mercury in thermometers?

Ans   ✗ 1. Arsenic

✓ 2. Galinstan

✗ 3. Selenium

✗ 4. Bromine

Question ID : **123568244**
Status : **Not Answered**
Chosen Option : **--**

Q.4 **In memory of whom is the Madhavpur Mela of Gujarat celebrated?**

Ans　✗ 1. Lord Shiva and Parvati

✓ 2. Lord Krishna and Rukmini

✗ 3. Lord Krishna and Radha

✗ 4. Lord Krishna and Draupadi

> Question ID : **123568239**
> Status : **Not Answered**
> Chosen Option : **--**

Q.5 **Berach River, a southern-side tributary of Banas River, originates from the hills in which of the following districts of Rajasthan?**

Ans　✗ 1. Bharatpur

✗ 2. Jaisalmer

✗ 3. Bikaner

✓ 4. Udaipur

> Question ID : **123568250**
> Status : **Not Answered**
> Chosen Option : **--**

Q.6 **According to data available as of 2019, how many national parks are situated in India?**

Ans　✗ 1. 140

✗ 2. 115

✓ 3. 104

✗ 4. 131

> Question ID : **123568249**
> Status : **Answered**
> Chosen Option : **4**

Q.7 **Who among the following is the chairman of the 15th Finance Commission of India?**

Ans　✗ 1. Ramesh Chand

✗ 2. Subhash Chandra Garg

✓ 3. NK Singh

✗ 4. Arvind Mehta

> Question ID : **123568242**
> Status : **Not Answered**
> Chosen Option : **--**

Q.8 **Who was honoured with the 1st recipient of the Muppavarapu National Award for Social Service at Hyderabad on 9th January 2020?**

Ans　✗ 1. Dr. Gutta Muniratnam

✓ 2. Dr. Mankombu Sambasivan Swaminathan

✗ 3. Chandra Pal Singh Yadav

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✗ 4. Uttam Prakash Agarwal

> Question ID : **123568255**
> Status : **Not Answered**
> Chosen Option : **--**

Q.9 **Which of the following Viceroys of India addressed the Bengal famine of 1943 by ordering the army to distribute relief supplies to the starving rural Bengalis?**

Ans ✗ 1. Lord Mountbatten

✗ 2. Lord Wavell

✗ 3. Lord Willington

✔ 4. Lord Linlithgow

Question ID : **123568254**
Status : **Not Answered**
Chosen Option : **--**

Q.10 **Which of the following authorities launched PPRTMS (Political Parties Registration Tracking Management System)?**

Ans ✗ 1. National Human Rights Commission

✗ 2. The Supreme Court

✗ 3. The Union Public Service Commission

✔ 4. Election Commission of India

Question ID : **123568257**
Status : **Answered**
Chosen Option : **4**

Q.11 **Who among the following scientists invented the Cotton Gin?**

Ans ✗ 1. Sonny Perdue

✗ 2. Norman Borlaugh

✔ 3. Eli Whitney

✗ 4. George Washington Carver

Question ID : **123568245**
Status : **Not Answered**
Chosen Option : **--**

Q.12 **Which of the following academies organise the Tansen Sangeet Samaroh in Gwalior?**

Ans ✗ 1. Ravindra Jain Sangeet Academy

✗ 2. Renuka Sangeet Academy

✗ 3. Muntirama Sangeet Academy

✔ 4. Ustad Alauddin Khan Kala Evam Sangeet Academy

Question ID : **123568240**
Status : **Answered**
Chosen Option : **1**

Q.13 **Who among the following Indian weightlifters has been banned for four years by NADA after being found guilty of a doping violation during the 34th Women Senior National Weightlifting Championship held at Vishakhapatnam?**

Ans ✗ 1. Satheesha Rai

✗ 2. Seema

✔ 3. Sarbjeet Kaur

✗ 4. Sanamacha Thingbaijani Chanu

Question ID : **123568260**
Status : **Answered**
Chosen Option : **3**

Q.14 The International Naval event 'Milan' is scheduled to be held in _____ in March 2020.

Ans   ✔ 1. Visakhapatnam

     ✘ 2. Kochi

     ✘ 3. Mumbai

     ✘ 4. Kolkata

	Question ID : **123568261**
	Status : **Answered**
	Chosen Option : **1**

Q.15 What is the ranking of India in the World Economic Forums (WEF)'s World Travel, Tourism Competitiveness Index for the year 2019?

Ans   ✘ 1. 31

     ✘ 2. 37

     ✘ 3. 39

     ✔ 4. 34

	Question ID : **123568262**
	Status : **Answered**
	Chosen Option : **2**

Q.16 Which of the following acids is NOT present in grapes?

Ans   ✘ 1. Malic acid

     ✔ 2. Acetic acid

     ✘ 3. Tartaric acid

     ✘ 4. Citric acid

	Question ID : **123568247**
	Status : **Answered**
	Chosen Option : **3**

Q.17 Who among the following founded the Bombay Stock Exchange?

Ans   ✘ 1. Ashiskumar Chauhan

     ✘ 2. Roychand Deepchand

     ✔ 3. Premchand Roychand

     ✘ 4. Vikramjit Sen

	Question ID : **123568241**
	Status : **Not Answered**
	Chosen Option : **--**

Q.18 Which of the following is also known as Epsom salt?

Ans   ✘ 1. Sodium Sulphate

     ✔ 2. Magnesium Sulphate

     ✘ 3. Calcium Sulphate

     ✘ 4. Ferrous Sulphate

	Question ID : **123568243**
	Status : **Not Answered**
	Chosen Option : **--**

Q.19 How many national highways were merged to form National Highway 44 (NH 44)?

Ans   ✔ 1. 7

✘ 2. 4

✘ 3. 6

✘ 4. 5

Question ID : **123568248**
Status : **Answered**
Chosen Option : **3**

Q.20 Who among the following conceived the Kakori train robbery in 1925?

Ans   ✘ 1. Baikuntha Shukla

✘ 2. Manmath Nath Gupta and Matangini Hazra

✔ 3. Ram Prasad Bismil and Ashfaqullah Khan

✘ 4. Ubaidullah Sindhi

Question ID : **123568253**
Status : **Not Answered**
Chosen Option : **--**

Q.21 In which of the following years was the Congress Socialist Party (CSP) founded?

Ans   ✔ 1. 1934

✘ 2. 1914

✘ 3. 1943

✘ 4. 1924

Question ID : **123568252**
Status : **Answered**
Chosen Option : **1**

Q.22 Under which Article of the Indian Constitution are special provisions provided to language spoken in a section of the population?

Ans   ✔ 1. Article 347

✘ 2. Article 357

✘ 3. Article 337

✘ 4. Article 374

Question ID : **123568258**
Status : **Not Answered**
Chosen Option : **--**

Q.23 Who among the following has been appointed as Director of National Book Trust on 11th January 2020?

Ans   ✘ 1. Gobinde Prashad Sharma

✘ 2. Leela Samson

✔ 3. Lt Col Yuvraj Malik

✘ 4. Rita Chowdhury

Question ID : **123568256**
Status : **Answered**
Chosen Option : **3**

Q.24 Which of the following is used to control pest fish?

Ans   ✗ 1. Predacides

      ✗ 2. Ovicides

      ✗ 3. Herbicides

      ✓ 4. Piscicides

Question ID : **123568246**
Status : **Answered**
Chosen Option : **4**

Q.25 Which of the following companies has roped in cricketer Harbhajan Singh as its brand ambassador in 2019?

Ans   ✓ 1. Brune & Bareskin

      ✗ 2. PUMA

      ✗ 3. Reebok

      ✗ 4. TAFE

Question ID : **123568259**
Status : **Answered**
Chosen Option : **1**

Section : **Quantitative Aptitude**

Q.1 In the given figure, if $\angle KLN = 58°$, then $\angle KMN = ?$
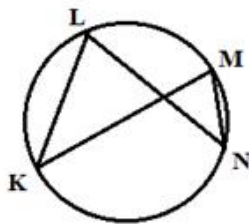
Ans   ✗ 1. $42°$

      ✗ 2. $32°$

      ✓ 3. $58°$

      ✗ 4. $26°$

Question ID : **123568278**
Status : **Answered**
Chosen Option : **3**

Q.2 If $x - \frac{1}{x} = 11$, then $x^3 - \frac{1}{x^3}$ is:

Ans   ✗ 1. 1474

      ✗ 2. 1188

      ✓ 3. 1364

      ✗ 4. 1298

Question ID : **123568277**
Status : **Answered**
Chosen Option : **4**

Q.3 The distance between two stations, A and B, is 428 km. A train starts from station 'A' at 6:00 a.m. and moves towards station 'B' at an average speed of 48 km/h. Another train starts from station 'B' at 6:20 a.m. and moves towards station 'A' at an average speed of 55 km/h. At what time will the trains meet?

Ans

✗ 1. 10:00 a.m.

✗ 2. 10:40 a.m.

✗ 3. 9:40 a.m.

✓ 4. 10:20 a.m.

Question ID : **123568273**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.4 A certain amount is divided among Sunita, Amit and Vibha in the ratio of 2 : 3 : 4. If Vibha gets ₹14,416, then the total amount is:

Ans

✗ 1. ₹16,219

✓ 2. ₹32,436

✗ 3. ₹3,604

✗ 4. ₹43,248

Question ID : **123568270**

Status : **Answered**

Chosen Option : **2**

Q.5 $(a + b + c - d)^2 - (a - b - c + d)^2 = ?$

Ans

✗ 1. $2a(b + c + d)$

✓ 2. $4a(b + c - d)$

✗ 3. $2a(b + c - d)$

✗ 4. $4a(b + c + d)$

Question ID : **123568275**

Status : **Answered**

Chosen Option : **2**

Q.6 In the given figure, if $DE \parallel BC$, AD = 2.5 cm, DB = 3.5 cm and EC = 4.2 cm, then the measure of AC is:
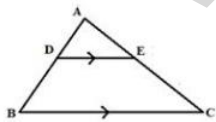
Ans

✓ 1. 7.2 cm

✗ 2. 3.2 cm

✗ 3. 7.4 cm

✗ 4. 3 cm

Question ID : **123568281**

Status : **Answered**

Chosen Option : **1**

Q.7 The following table shows the number of students enrolled in different faculties in a college.

Science		Arts		Commerce		Vocational	
Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys
32	18	28	45	42	42	13	30

The percentage of students studying in faculties other than Science is:

Ans ✓ 1. 80%

✗ 2. 60%

✗ 3. 20%

✗ 4. 75%

Question ID : **123568288**
Status : **Answered**
Chosen Option : **1**

Q.8 The perimeter of a square is 64 cm. Its area will be:

Ans ✗ 1. 128 cm^2

✓ 2. 256 cm^2

✗ 3. 32 cm^2

✗ 4. 8 cm^2

Question ID : **123568274**
Status : **Answered**
Chosen Option : **2**

Q.9 If angles of a triangle are in the ratio of 2 : 3 : 4, then the measure of the smallest angle is:

Ans ✗ 1. 20°

✗ 2. 30°

✓ 3. 40°

✗ 4. 50°

Question ID : **123568280**
Status : **Answered**
Chosen Option : **3**

Q.10 The following table shows the income (in rupees) for a particular month, together with their source, in respect of 5 employees (A, B, C, D and E).

	A	B	C	D	E
Salary	52,000	48,500	42,000	31,000	25,000
Overtime	0	0	1,500	2,500	3,200
Arrears	5,500	4,500	4,000	3,000	1,500
Bonus	3,500	3,000	2,500	2,000	2,000
Miscellaneous income	5,000	3,000	2,000	1,500	0
Total	66,000	59,000	52,000	40,000	31,700

How many employees got more arrears than the average arrears received by all the employees?

Ans ✗ 1. 2

✔ 2. 3

✗ 3. 1

✗ 4. 4

Question ID : **123568287**
Status : **Answered**
Chosen Option : **2**

Q.11 The value of $-1 + \frac{1}{4} \div \frac{1}{2} \times 2 + 5$ is:

Ans ✔ 1. 5

✗ 2. 2

✗ 3. $\frac{17}{4}$

✗ 4. $-\frac{7}{2}$

Question ID : **123568265**
Status : **Answered**
Chosen Option : **1**

Q.12 Sixteen men can finish a work in 8 days. Eight men and nine women working together can finish the same work in 10 days. In how many days will twenty women finish the same work?

Ans ✔ 1. 12

✗ 2. 9

✗ 3. 11

✗ 4. 13

Question ID : **123568272**
Status : **Answered**
Chosen Option : **1**

Q.13 The value of $\sqrt{tan^2 60° + sin 90°} - 2\tan 45°$ is:

Ans
- ✗ 1. 2
- ✗ 2. 4
- ✔ 3. 0
- ✗ 4. 1

Question ID : **123568283**
Status : **Answered**
Chosen Option : **3**

Q.14 The value of $cos 0° cos 30° cos 45° cos 60° cos 90°$ is:

Ans
- ✗ 1. $\dfrac{\sqrt{6}}{8}$
- ✗ 2. 5
- ✔ 3. 0
- ✗ 4. 3

Question ID : **123568284**
Status : **Answered**
Chosen Option : **3**

Q.15 The greatest number which should be replace '*' in the number 146*48 to make it divisible by 8 is:

Ans
- ✗ 1. 2
- ✗ 2. 0
- ✗ 3. 9
- ✔ 4. 8

Question ID : **123568264**
Status : **Answered**
Chosen Option : **4**

Q.16 A certain amount of money at compound interest grows to ₹66,550 in 3 years and ₹73,205 in 4 years. The rate per cent per annum is:

Ans
- ✔ 1. 10%
- ✗ 2. 5%
- ✗ 3. 9%
- ✗ 4. 11%

Question ID : **123568271**
Status : **Answered**
Chosen Option : **1**

Q.17 The heights of some girls in a school were noted and the data obtained are as shown in the table.

Height (in cm)	125 - 130	130 - 135	135 - 140	140 - 145	145 - 150	150 - 155
Number of girls	12	16	20	29	15	8

How many girls have a height of 135 cm or more but less than 150 cm?

Ans

✗ 1. 35

✗ 2. 88

✔ 3. 64

✗ 4. 80

Question ID : **123568285**

Status : **Answered**

Chosen Option : **3**

Q.18 If $\tan\theta - \cot\theta = \csc\theta, 0° < \theta < 90°$, then what is the value of $\dfrac{2\tan\theta - \cos\theta}{\sqrt{3}\cot\theta + \sec\theta}$?

Ans

✗ 1. $\dfrac{2(2\sqrt{3}-1)}{3}$

✔ 2. $\dfrac{4\sqrt{3}-1}{6}$

✗ 3. $\dfrac{3\sqrt{3}-1}{6}$

✗ 4. $\dfrac{2\sqrt{3}-1}{3}$

Question ID : **123568282**

Status : **Answered**

Chosen Option : **4**

Q.19 The average height of 5 boys is 175 cm. A sixth boy joined the group and the average height of all the boys in the group now increased by one centimetre. The height of the sixth boy is:

Ans

✗ 1. 180 cm

✔ 2. 181 cm

✗ 3. 179 cm

✗ 4. 175 cm

Question ID : **123568266**

Status : **Answered**

Chosen Option : **2**

Q.20 The following table shows the monthly salaries (in ₹) of 50 families.

Salary (in ₹)	25,000 - 30,000	30,000 - 35,000	35,000 - 40,000	40,000 - 45,000	45,000 - 50,000
Number of families	6	12	9	19	4

How many families have a monthly salary less than ₹40,000?

Ans ✗ 1. 46

✗ 2. 9

✗ 3. 18

✔ 4. 27

Question ID : **123568286**
Status : **Answered**
Chosen Option : **4**

Q.21 The coefficient of x^2 in $(2x + y)^3$ is:

Ans ✗ 1. $12y^2$

✔ 2. $12y$

✗ 3. 8

✗ 4. 12

Question ID : **123568276**
Status : **Answered**
Chosen Option : **2**

Q.22 The price of sugar is increased by 20%. By what percentage must one cut down on the consumption of sugar, so that no extra amount has to be incurred on sugar?

Ans ✔ 1. $16\frac{2}{3}\%$

✗ 2. 20%

✗ 3. $83\frac{1}{3}\%$

✗ 4. 80%

Question ID : **123568268**
Status : **Answered**
Chosen Option : **1**

Q.23 In the figure, Two circles with centres P and Q touch externally at R. Tangents AT and BT meet the common tangent TR at T. If AP = 6 cm and PT = 10 cm, then BT = ?
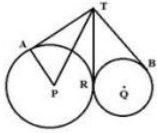
Ans ✔ 1. 8 cm

✘ 2. 10 cm

✘ 3. 6 cm

✘ 4. 12 cm

Question ID : **123568279**
Status : **Answered**
Chosen Option : **1**

Q.24 A furniture shopkeeper allows a discount of 16% on the marked price on the goods to his customers and still gains 20%. What is the marked price of a dining table, which costs the shopkeeper ₹11,900?

Ans ✘ 1. ₹12,376

✘ 2. ₹15,000

✔ 3. ₹17,000

✘ 4. ₹16,000

Question ID : **123568267**
Status : **Answered**
Chosen Option : **3**

Q.25 Sudhir purchased a laptop for ₹42,000 and a scanner-cum-printer for ₹8,000. He sold the laptop for a 10% profit and the scanner-cum-printer for a 5% profit. What is his profit percentage?

Ans ✘ 1. $7\frac{1}{2}\%$

✔ 2. $9\frac{1}{5}\%$

✘ 3. 15%

✘ 4. $9\frac{2}{5}\%$

Question ID : **123568269**
Status : **Answered**
Chosen Option : **2**

Section : **English Comprehension**

Q.1 Select the most appropriate word to fill in the blank.

Health should be our first priority and should never be _____.

Ans ✘ 1. declined

✘ 2. suspended

✘ 3. discarded

✔ 4. neglected

Question ID : **123568313**
Status : **Answered**
Chosen Option : **4**

Q.2   Select the most appropriate word to fill in the blank.

A colour blind person is not able to **_____** between colours.

Ans   ✗ 1. define

     ✗ 2. glance

     ✗ 3. observe

     ✓ 4. distinguish

	Question ID : **123568314**
	Status : **Answered**
	Chosen Option : **4**

Q.3   In the sentence identify the segment which contains the grammatical error.

Lucy has already cut the cake when we reached the party hall.

Ans   ✗ 1. Lucy has already

     ✗ 2. the party hall

     ✗ 3. when we reached

     ✓ 4. cut the cake

	Question ID : **123568289**
	Status : **Answered**
	Chosen Option : **1**

Q.4   Select the passive form of the given sentence.

People claim to have seen the wild and mad elephant in several cities.

Ans   ✗ 1. The wild and mad elephant was claimed to be seen by people in several cities.

     ✓ 2. The wild and mad elephant is claimed to have been seen in several cities.

     ✗ 3. The wild and mad elephant is being claimed to be seen in several cities.

     ✗ 4. The wild and mad elephant has been claimed to be seen by the people in several cities.

	Question ID : **123568291**
	Status : **Answered**
	Chosen Option : **4**

Q.5   Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement.

I wish <u>if I was the</u> Principal of my school.

Ans   ✓ 1. I were

     ✗ 2. No improvement

     ✗ 3. that I am

     ✗ 4. If I had been

	Question ID : **123568294**
	Status : **Answered**
	Chosen Option : **1**

Q.6 **Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.**

A. There are many gadgets that are operated by a remote control and contain a silicon chip.
B. This produces an infra-red beam, made up of electromagnetic waves.
C. When a button is pressed on the remote control, the chip sets off an electronic vibration.
D. The beam carries a coded signal for operating the systems.

Ans ✗ 1. ACDB

✔ 2. ACBD

✗ 3. BACD

✗ 4. ADCB

Question ID : **123568302**
Status : **Answered**
Chosen Option : **2**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Corruption is one of the (1)_____ problems of our country. It is an act done with (2)_____ to gain some undue advantages, inconsistent with official duty. Government has (3)_____ many schemes for the welfare of the people but corruption seems impossible to be (4)_____ India can become a corruption-free nation only when all the citizens (5)_____ rules and regulations with a strong will power and cooperate whole heartedly.

SubQuestion No : 7

Q.7 **Select the most appropriate option for blank No. 1.**

Ans ✗ 1. powerful

✔ 2. major

✗ 3. strong

✗ 4. minor

Question ID : **123568296**
Status : **Answered**
Chosen Option : **2**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Corruption is one of the (1)_____ problems of our country. It is an act done with (2)_____ to gain some undue advantages, inconsistent with official duty. Government has (3)_____ many schemes for the welfare of the people but corruption seems impossible to be (4)_____ India can become a corruption-free nation only when all the citizens (5)_____ rules and regulations with a strong will power and cooperate whole heartedly.

SubQuestion No : 8

Q.8 **Select the most appropriate option for blank No. 2.**

Ans ✔ 1. intention

✗ 2. passion

✗ 3. compulsion

✗ 4. intuition

Question ID : **123568297**
Status : **Answered**
Chosen Option : **1**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Corruption is one of the (1)_____ problems of our country. It is an act done with (2)_____ to gain some undue advantages, inconsistent with official duty. Government has (3)_____ many schemes for the welfare of the people but corruption seems impossible to be (4)_____ India can become a corruption-free nation only when all the citizens (5)_____ rules and regulations with a strong will power and cooperate whole heartedly.

SubQuestion No : 9

Q.9   **Select the most appropriate option for blank No. 3.**

Ans   ✗   1. denounced

      ✔   2. announced

      ✗   3. written

      ✗   4. concealed

Question ID : **123568298**
Status : **Answered**
Chosen Option : **2**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Corruption is one of the (1)_____ problems of our country. It is an act done with (2)_____ to gain some undue advantages, inconsistent with official duty. Government has (3)_____ many schemes for the welfare of the people but corruption seems impossible to be (4)_____ India can become a corruption-free nation only when all the citizens (5)_____ rules and regulations with a strong will power and cooperate whole heartedly.

SubQuestion No : 10

Q.10 **Select the most appropriate option for blank No. 4.**

Ans   ✔   1. eliminated

      ✗   2. initiated

      ✗   3. created

      ✗   4. permitted

Question ID : **123568299**
Status : **Answered**
Chosen Option : **1**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Corruption is one of the (1)_____ problems of our country. It is an act done with (2)_____ to gain some undue advantages, inconsistent with official duty. Government has (3)_____ many schemes for the welfare of the people but corruption seems impossible to be (4)_____ India can become a corruption-free nation only when all the citizens (5)_____ rules and regulations with a strong will power and cooperate whole heartedly.

SubQuestion No : 11

Q.11 **Select the most appropriate option for blank No. 5.**

Ans   ✗   1. reject

      ✔   2. follow

      ✗   3. disobey

      ✗   4. break

Question ID : **123568300**
Status : **Answered**
Chosen Option : **2**

Q.12 Select the correctly spelt word.

Ans   ✗ 1. Comemorate

        ✗ 2. Commemmorate

        ✔ 3. Commemorate

        ✗ 4. Comemmorate

Question ID : **123568312**
Status : **Answered**
Chosen Option : **3**

Q.13 Select the most appropriate word that means the same as the group of words given.

Enclosed area where aircraft are kept and repaired

Ans   ✗ 1. Hose

        ✗ 2. Harbinger

        ✗ 3. Hanger

        ✔ 4. Hangar

Question ID : **123568310**
Status : **Answered**
Chosen Option : **4**

Q.14 Select the indirect narration of the given sentence.

He said to me," What time do the banks open and close?"

Ans   ✗ 1. He said me what time did the banks open and close.

        ✔ 2. He asked me what time the banks opened and closed.

        ✗ 3. He wanted to know what time the banks open and close.

        ✗ 4. He asked me what time do the banks open and close.

Question ID : **123568292**
Status : **Answered**
Chosen Option : **4**

Q.15 Identify the part of the sentence that contains the grammatical error.

**One of the greatest responsibilities of a scientist is that his discoveries and inventions
are utilized to the overall development of the nation.**

Ans   ✗ 1. is that his discoveries and inventions

        ✗ 2. development of the nation

        ✔ 3. are utilized to the overall

        ✗ 4. One of the greatest responsibilities of a scientist

Question ID : **123568290**
Status : **Answered**
Chosen Option : **1**

Q.16 Select the most appropriate antonym of the given word.

Sluggish

Ans ✗ 1. Weak

✗ 2. Dull

✔ 3. Active

✗ 4. Sedentary

Question ID : **123568305**
Status : **Answered**
Chosen Option : **3**

Q.17 Select the most appropriate antonym of the given word.

Hostile

Ans ✗ 1. Unfavourable

✗ 2. Adverse

✔ 3. Amiable

✗ 4. Violent

Question ID : **123568306**
Status : **Answered**
Chosen Option : **3**

Q.18 Select the most appropriate word that means the same as the group of words given.

A short story with a moral, usually with animals as characters.

Ans ✗ 1. Parody

✗ 2. Ode

✔ 3. Fable

✗ 4. Hymn

Question ID : **123568309**
Status : **Answered**
Chosen Option : **3**

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

A. It is called the atmosphere.
B. All parts of the earth are surrounded by air.
C. Living beings breathe in and breathe out the air all the time.
D. This process is called respiration.

Ans ✗ 1. CBAD

✗ 2. DACB

✔ 3. BACD

✗ 4. ACDB

Question ID : **123568301**
Status : **Answered**
Chosen Option : **3**

Q.20 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement.

Amit has the good command on English as he was born and brought up in England.

Ans   ✔ 1. a good command over

✘ 2. No improvement

✘ 3. a better command of

✘ 4. the best command in

> Question ID : **123568293**
> Status : **Answered**
> Chosen Option : **1**

Q.21 Select the most appropriate meaning of the given Idiom.

To add fuel to the fire.

Ans   ✘ 1. Simplify the problem

✘ 2. Exploit someone

✔ 3. To make a bad situation worse

✘ 4. Calm down the situation

> Question ID : **123568307**
> Status : **Answered**
> Chosen Option : **3**

Q.22 Select the most appropriate synonym of the given word.

Deficiency

Ans   ✘ 1. Abundance

✘ 2. Sufficiency

✘ 3. Efficiency

✔ 4. Inadequacy

> Question ID : **123568303**
> Status : **Answered**
> Chosen Option : **4**

Q.23 Select the most appropriate synonym of the given word.

Catastrophic

Ans   ✘ 1. Tough

✘ 2. Mysterious

✔ 3. Disastrous

✘ 4. Delicate

> Question ID : **123568304**
> Status : **Answered**
> Chosen Option : **3**

Q.24 **Select the correctly spelt word.**

Ans ✗ 1. Definate

✗ 2. Definiet

✗ 3. Definete

✓ 4. Definite

Question ID : **123568311**
Status : **Answered**
Chosen Option : **4**

Q.25 **Select the most appropriate meaning of the given Idiom.**

Hobson's Choice

Ans ✗ 1. To be in an aggressive mood when facing a challenge

✗ 2. To challenge an unworthy opponent

✓ 3. An apparently free choice where there is no real alternative

✗ 4. To exercise the choice to surrender before the enemy

Question ID : **123568308**
Status : **Answered**
Chosen Option : **3**