Combined Graduate Level Examination-2019 (Tier-I)

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Venue Name	
Exam Date	04/03/2020
Exam Time	10:00 AM - 11:00 AM
Subject	CGLE Tier I

Section : **General Intelligence and Reasoning**

Q.1 The given Venn diagram represents artists in a circus:

The triangle represents clowns, the circle represents acrobats, the rectangle represents males and the square represents ringmasters. The numbers given in the diagram represent the number of persons in that particular category.
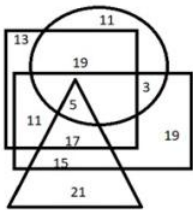
How many male clowns are also ringmasters, but NOT acrobats?

Ans ✔ 1. 17

✗ 2. 15

✗ 3. 11

✗ 4. 5

Question ID : **31436025**
Status : **Marked For Review**
Chosen Option : **1**

Q.2 Arsh is Shivam's father and Dhruv is the son of Bimla. Eshwar is the father of Arsh. If Shivam is the brother of Dhruv, how is Bimla related to Eshwar?

Ans ✔ 1. Daughter-in-law

✗ 2. Mother

✗ 3. Wife

✗ 4. Sister-in-law

Question ID : **31436010**
Status : **Answered**
Chosen Option : **1**

Q.3 Select the set of letters that when sequentially placed in the blanks of the given letter series will complete the series.
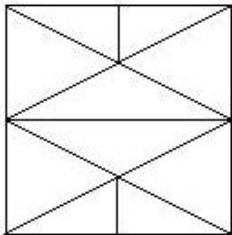
_swws_wwws_swwww_sss

Ans

✗ 1. W, S, S, W

✔ 2. W, S, S, S

✗ 3. W, S, W, S

✗ 4. W, W, S, S

Question ID : **3143609**

Status : **Marked For Review**

Chosen Option : **2**

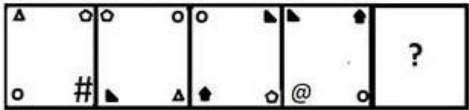**Q.4** How many triangles are present in the given figure?

Ans

✗ 1. 26

✗ 2. 28

✔ 3. 22

✗ 4. 30

Question ID : **31436020**

Status : **Not Answered**

Chosen Option : **--**

Q.5 Select the figure that can replace the question mark (?) in the following series.
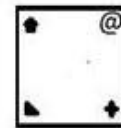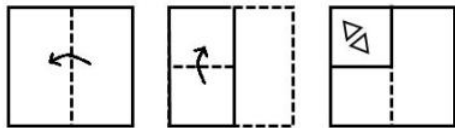

Ans

✗ 1.

✗ 2.

✗ 3.

✔ 4.

Question ID : **31436019**
Status : **Not Answered**
Chosen Option : **--**

Q.6 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 : **31436024**
Status : **Answered**
Chosen Option : **4**

Q.7 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. TSR
✗ 2. YXW
✗ 3. NML
✔ 4. FGH

Question ID : **3143603**
Status : **Answered**
Chosen Option : **4**

Q.8 Arrange the following words in the order in which they appear in an English dictionary.

1. Gemlike
2. Geminate
3. Gemmier
4. Geminal
5. Gemini

Ans ✗ 1. 3, 5, 4, 1, 2

✗ 2. 4, 5, 2, 1, 3

✗ 3. 4, 3, 2, 1, 5

✓ 4. 4, 2, 5, 1, 3

Question ID : **3143602**
Status : **Marked For Review**
Chosen Option : **4**

Q.9 In a certain code language, STRAIGHT is written as TSARGITH. How will THURSDAY be written as in that language?

Ans ✗ 1. UHTDRSYA

✗ 2. AYSDURTH

✓ 3. HTRUDSYA

✗ 4. HTRUDSAY

Question ID : **3143607**
Status : **Answered**
Chosen Option : **3**

Q.10 Select the correct combination of mathematical signs to sequentially replace the * signs, to balance the following equation.

(12 * 7 * 6) * 13 * 6

Ans ✗ 1. ÷, −, =, ×

✗ 2. ×, =, ÷, −

✗ 3. −, ÷, ×, =

✓ 4. ×, −, ÷, =

Question ID : **31436017**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.11 Four words have been given, out of which three are alike in some manner, while one is different. Select the odd word.

Ans
✗ 1. Probity
✓ 2. Conduct
✗ 3. Righteousness
✗ 4. Virtue

Question ID : **3143604**
Status : **Not Answered**
Chosen Option : **--**

Q.12 Select the option in which the numbers are related in the same way as are the numbers in the given set.

(109, 114, 139)

Ans
✗ 1. (268, 302, 237)
✓ 2. (313, 318, 343)
✗ 3. (579, 534, 549)
✗ 4. (419, 424, 439)

Question ID : **31436015**
Status : **Not Answered**
Chosen Option : **--**

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

Hive : Bee

Ans
✓ 1. Burrow : Hare
✗ 2. Stable : Cow
✗ 3. Sty : Dog
✗ 4. Eyrie : Bear

Question ID : **3143606**
Status : **Answered**
Chosen Option : **1**

Q.14 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. Some cars are rockets.

2. All rockets are engines.

Conclusions:

I. Some engines are rockets.

II. Some engines are cars.

Ans

✗ 1. Only conclusion II follows.

✗ 2. Neither conclusion I nor II follows.

✗ 3. Only conclusion I follows.

✔ 4. Both conclusions I and II follow.

Question ID : **31436011**
Status : **Marked For Review**
Chosen Option : **4**

Q.15 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.

52 : 221 :: 20 : ? :: 64 : 272

Ans

✔ 1. 85

✗ 2. 84

✗ 3. 255

✗ 4. 170

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Question ID : **31436013**
Status : **Answered**
Chosen Option : **1**

Q.16 Select the option figure in which the given figure is embedded (rotation is NOT allowed).

Ans

✗ 1.

✗ 2.

✓ 3.

✗ 4.
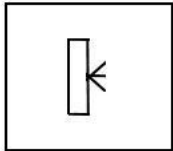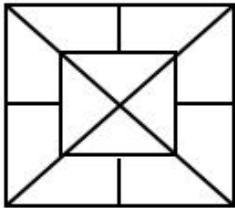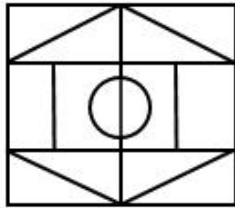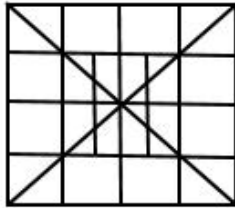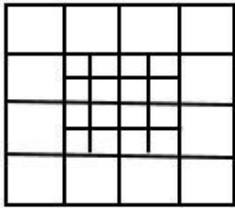
> Question ID : **31436022**
> Status : **Answered**
> Chosen Option : **3**

Q.17 Which of the option figures is the exact mirror image of the given figure when the mirror is held at the right side?

#PaV$ArK@

Ans

✗ 1. #ᕹꓭ∧Ƨ∀ʟꓘ⑥

✗ 2. ⑥ᒣᎱꓘᎱ∀Ƨ∀⋁ᕹ#

✗ 3. ⑥ꓘᎱᎱ∀Ƨ∀⋁ᕹ#

✓ 4. ⑥ꓘᎱᎱ∀Ƨ∀⋁ᕹ#

> Question ID : **31436023**
> Status : **Answered**
> Chosen Option : **4**

Q.18 Select the option that is related to the third word in the same way as the second word is related to the first word.

Jackal : Howl :: Rain : ?

Ans

✗ 1. Hustle

✗ 2. Thunder

✗ 3. Drops

✔ 4. Patter

Question ID : **3143605**

Status : **Marked For Review**

Chosen Option : **3**

Q.19 Which two signs should be interchanged to make the given equation correct?

$225 + 5 \times 3 \div 5 - 7 = 133$

Ans

✗ 1. − and ÷

✗ 2. + and ×

✔ 3. + and ÷

✗ 4. − and ×

Question ID : **31436014**

Status : **Answered**

Chosen Option : **3**

Q.20 Select the box that CANNOT be formed by folding the given unfolded box.

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.
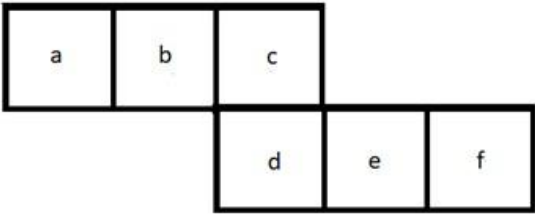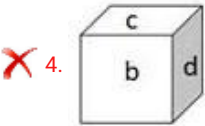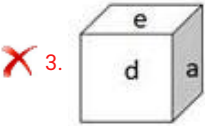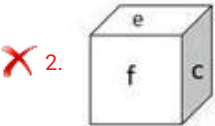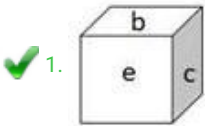
Question ID : **31436021**

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

Chosen Option : **--**

Q.21 A recent survey of married couples in Indian metro cities showed that 20% of the couples have only one child, 45% of the remaining couples have two children, and the rest of the couples have three or more children. What is the percentage of couples with three or more children?

Ans

✘ 1. 56%

✔ 2. 44%

✘ 3. 35%

✘ 4. 42%

Question ID : **31436018**

Status : **Answered**

Chosen Option : **2**

Q.22 In a certain code language, LARVAE is coded as 15-1-9-5-1-2. How will INSECT be coded as in that language?

Ans
✗ 1. 18-13-8-2-24-7
✗ 2. 9-13-8-22-24-7
✓ 3. 3-13-8-2-24-7
✗ 4. 3-13-8-2-24-8

Question ID : **3143608**
Status : **Marked For Review**
Chosen Option : **3**

Q.23 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

7	11	14
53	127	?
4	6	3

Ans
✗ 1. 196
✗ 2. 200
✗ 3. 169
✓ 4. 199

Question ID : **31436016**
Status : **Answered**
Chosen Option : **4**

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

17, 20, 15, 22, 13, ?

Ans
✗ 1. 4
✗ 2. 2
✗ 3. 22
✓ 4. 24

Question ID : **31436012**
Status : **Answered**
Chosen Option : **4**

Q.25 Select the letter-cluster that can replace the question mark (?) in the following series.

DAC, GWH, JSM, MOR, ?

Ans
✓ 1. PKW
✗ 2. PJV
✗ 3. QKV
✗ 4. QJW

Question ID : **3143601**
Status : **Answered**
Chosen Option : **1**

Section : **General Awareness**

Q.1 King Harshavardhana ascended the throne of Thaneshwar and Kannauj on the death of his brother, _____.

Ans

✗ 1. Indravardhana

✗ 2. Suryavardhana

✓ 3. Rajyavardhana

✗ 4. Chandravardhana

Question ID : **31436041**
Status : **Not Answered**
Chosen Option : **--**

Q.2 Which of the following is NOT a folk dance belonging to the union territory of Jammu and Kashmir?

Ans

✗ 1. Dhumal

✗ 2. Hafiza

✗ 3. Rouf

✓ 4. Dangi

Question ID : **31436027**
Status : **Not Answered**
Chosen Option : **--**

Q.3 Private ownership of the means of production is a feature of a _____ economy.

Ans

✓ 1. capitalist

✗ 2. socialist

✗ 3. mixed

✗ 4. dual

Question ID : **31436029**
Status : **Not Answered**
Chosen Option : **--**

Q.4 The Gol Gumbad (Gumbaz) of _____ is the mausoleum of Muhammad Adil Shah.

Ans

✗ 1. Allahabad

✗ 2. Agra

✓ 3. Bijapur

✗ 4. Delhi

Question ID : **31436026**
Status : **Not Answered**
Chosen Option : **--**

Q.5 Who was the President of the World Bank Group as of January, 2020?

Ans ✔ 1. David Malpass

✘ 2. Robert Zoellick

✘ 3. Jim Yong Kim

✘ 4. Paul Wolfowitz

Question ID : **31436028**
Status : **Not Answered**
Chosen Option : **--**

Q.6 The 14th Dalai Lama resides in _____.

Ans ✘ 1. Gangtok

✔ 2. Dharamsala

✘ 3. Kalimpong

✘ 4. Shillong

Question ID : **31436042**
Status : **Answered**
Chosen Option : **2**

Q.7 Who among the following is an Indian Olympic archer and Padma Shri winner?

Ans ✘ 1. Kidambi Srikanth

✘ 2. Bajrang Punia

✘ 3. Balbir Singh Dosanjh

✔ 4. Limba Ram

Question ID : **31436047**
Status : **Not Answered**
Chosen Option : **--**

Q.8 The Biraja Temple, the Rajarani Temple and the Samaleswari Temple are all located in _____.

Ans ✔ 1. Odisha

✘ 2. Tamil Nadu

✘ 3. Assam

✘ 4. Kerala

Question ID : **31436036**
Status : **Not Answered**
Chosen Option : **--**

Q.9 _____ expansion makes the Eiffel Tower taller during summers.

Ans ✔ 1. Thermal

✘ 2. Gradient

✘ 3. Gravitational

✘ 4. Chemical

Question ID : **31436031**
Status : **Answered**
Chosen Option : **1**

Q.10 The major component of modern Olympic gold medals is _____.

Ans ✘ 1. Bronze

✘ 2. Gold

✔ 3. Silver

✘ 4. Copper

Question ID : **31436046**
Status : **Not Answered**
Chosen Option : **--**

Q.11 The _____ lake in Gujarat was an artificial reservoir built during the rule of the Mauryas.

Ans ✘ 1. Lonar

✘ 2. Loktak

✔ 3. Sudarshana

✘ 4. Pushkar

Question ID : **31436037**
Status : **Not Answered**
Chosen Option : **--**

Q.12 Article 17 of the Constitution of India deals with the abolition of _____.

Ans ✘ 1. sati

✔ 2. untouchability

✘ 3. titles

✘ 4. slavery

Question ID : **31436045**
Status : **Not Answered**
Chosen Option : **--**

Q.13 _____ was the capital of Magadha before the 4th century BCE.

Ans ✔ 1. Rajagaha

✘ 2. Pataliputra

✘ 3. Varanasi

✘ 4. Mathura

Question ID : **31436039**

Status : **Not Answered**

Chosen Option : **--**

Q.14 Xerophthalmia is caused due to the deficiency of vitamin _____.

Ans ✘ 1. C

✘ 2. K

✘ 3. D

✔ 4. A

Question ID : **31436034**

Status : **Not Answered**

Chosen Option : **--**

Q.15 Planetary scientists call the thin gaseous envelope around the Moon as the _____.

Ans ✔ 1. lunar exosphere

✘ 2. lunar stratosphere

✘ 3. lunar thermosphere

✘ 4. lunar endosphere

Question ID : **31436032**

Status : **Not Answered**

Chosen Option : **--**

Q.16 In May 2019, the International Monetary Fund agreed to bail out _____ with a fund of $6 billion.

Ans ✘ 1. Nepal

✔ 2. Pakistan

✘ 3. India

✘ 4. Bangladesh

Question ID : **31436048**

Status : **Not Answered**

Chosen Option : **--**

Q.17 The Harshacharita is a biography of Harshavardhana, the ruler of Kannauj, composed in Sanskrit by his court poet, _____.

Ans ✗ 1. Dandin

✗ 2. Kamban

✓ 3. Banabhatta

✗ 4. Jinsena

Question ID : **31436043**
Status : **Not Answered**
Chosen Option : **--**

Q.18 The Vedic Civilisation in India flourished along the river_____.

Ans ✗ 1. Narmada

✓ 2. Saraswati

✗ 3. Tapi

✗ 4. Godavari

Question ID : **31436040**
Status : **Not Answered**
Chosen Option : **--**

Q.19 Which Article of the Indian Constitution prohibits discrimination on the grounds of religion, race, caste, sex and place of birth?

Ans ✗ 1. Article 23

✗ 2. Article 25

✗ 3. Article 19

✓ 4. Article 15

Question ID : **31436044**
Status : **Answered**
Chosen Option : **4**

Q.20 Lt. General _____ took charge as the Chief of Army Staff on 31 December 2019.

Ans ✗ 1. Ravendra Pal Singh

✗ 2. Bipin Rawat

✓ 3. Manoj Mukund Naravane

✗ 4. Anil Chauhan

Question ID : **31436050**
Status : **Not Answered**
Chosen Option : **--**

Q.21 According to the United Nations' World Economic Situation and Prospects Report, 2019, the Indian economy is expected to expand by _____ in 2020.

Ans   ✗ 1. 7.6%

     ✗ 2. 7.2%

     ✗ 3. 7.8%

     ✓ 4. 7.1%

Question ID : **31436049**
Status : **Not Answered**
Chosen Option : **--**

Q.22 In the 4th century BCE, the capital of Magadha was shifted to _____.

Ans   ✗ 1. Mathura

     ✗ 2. Varanasi

     ✗ 3. Panipat

     ✓ 4. Pataliputra

Question ID : **31436038**
Status : **Not Answered**
Chosen Option : **--**

Q.23 In biological terms, _____ is a relationship between two organisms in which one organism benefits and the other is unaffected.

Ans   ✗ 1. Amensalism

     ✗ 2. Mutualism

     ✓ 3. Commensalism

     ✗ 4. Parasitism

Question ID : **31436033**
Status : **Marked For Review**
Chosen Option : **4**

Q.24 In April 2019, scientists in _____ produced the world's first 3D printed heart using human tissue.

Ans   ✗ 1. Ethiopia

     ✓ 2. Israel

     ✗ 3. Kenya

     ✗ 4. Croatia

Question ID : **31436030**
Status : **Not Answered**
Chosen Option : **--**

Q.25 Asia's largest wholesale spice market is located in _____.

Ans   ✗ 1. Kolkata

     ✗ 2. Bengaluru

     ✗ 3. Ahmedabad

     ✓ 4. Delhi

Question ID : **31436035**
Status : **Not Answered**
Chosen Option : **--**

Section : **Quantitative Aptitude**

Q.1 The given table represents the number of computers sold by four dealers A, B, C and D during the first six months of 2016. Study the table carefully and answer the question that follows.

Dealer → / Month ↓	A	B	C	D
January	102	92	95	107
February	94	96	104	106
March	85	94	100	90
April	108	97	99	96
May	98	102	100	89
June	95	108	102	91

The number of months, in which the number of computers sold by dealer B was less than the average number of computers sold by dealer C over six months, was:

Ans   ✗ 1. 5

     ✓ 2. 4

     ✗ 3. 2

     ✗ 4. 3

Question ID : **31436073**
Status : **Answered**
Chosen Option : **2**

Q.2 The average of twelve numbers is 45.5. The average of the first four numbers is 41.5 and that of the next five numbers is 48. The 10th number is 4 more than the 11th number and 9 more than the 12th number. What is the average of the 10th and 12th numbers?

Ans   ✓ 1. 46.5

     ✗ 2. 47.8

     ✗ 3. 46

     ✗ 4. 47

Question ID : **31436053**
Status : **Answered**
Chosen Option : **1**

Q.3 In $\triangle ABC$, $\angle A = 90°$, M is the midpoint of BC and D is a point on BC such that AD $\perp$ BC. If AB = 7 cm and AC = 24 cm, then AD : AM is equal to:

Ans ✗ 1. 168 : 275

✗ 2. 24 : 25

✗ 3. 32 : 43

✔ 4. 336 : 625

Question ID : **31436067**
Status : **Marked For Review**
Chosen Option : **1**

Q.4 The circumference of the base of a conical tent is 66 m. If the height of the tent is 36 m, what is the area (in m^2) of the canvas used in making the tent? (Take $\pi = \frac{22}{7}$)

Ans ✗ 1. 1155

✔ 2. 1237.5

✗ 3. 1171.5

✗ 4. 1254

Question ID : **31436061**
Status : **Not Answered**
Chosen Option : **--**

Q.5 If $2x + 1$, $x + 2$, 2 and 5 are in proportion, then what is the mean proportional between $3.5(1 - x)$ and $8(1 + x)$?

Ans ✗ 1. 5.5

✗ 2. 4.25

✔ 3. 5.25

✗ 4. 4.5

Question ID : **31436057**
Status : **Not Answered**
Chosen Option : **--**

Q.6 A trader allows a discount of 18% on the marked price of an article. How much percentage above the cost price must he mark it so as to get a profit of 6.6%?

Ans ✔ 1. 30

✗ 2. 28

✗ 3. 25

✗ 4. 24

Question ID : **31436054**
Status : **Not Answered**
Chosen Option : **--**

Q.7 When 732 is divided by a positive integer x, the remainder is 12. How many values of x are there?

Ans
- ✗ 1. 19
- ✓ 2. 20
- ✗ 3. 18
- ✗ 4. 16

Question ID : **31436051**
Status : **Not Answered**
Chosen Option : **--**

Q.8 In $\triangle ABC$, $\angle B = 68°$ and $\angle C = 32°$. Sides AB and AC are produced to points D and E, respectively. The bisectors of $\angle DBC$ and $\angle BCE$ meet at F. What is the measure of $\angle BFC$?

Ans
- ✗ 1. 55°
- ✗ 2. 39°
- ✓ 3. 50°
- ✗ 4. 65°

Question ID : **31436068**
Status : **Answered**
Chosen Option : **3**

Q.9 If $a + b + c = 11$, $ab + bc + ca = 3$ and $abc = -135$, then what is the value of $a^3 + b^3 + c^3$?

Ans
- ✗ 1. 823
- ✗ 2. 929
- ✗ 3. 925
- ✓ 4. 827

Question ID : **31436064**
Status : **Answered**
Chosen Option : **4**

Q.10 If $5x + \dfrac{1}{3x} = 4$, then what is the value of $9x^2 + \dfrac{1}{25x^2}$?

Ans
- ✗ 1. $\dfrac{174}{125}$
- ✗ 2. $\dfrac{144}{125}$
- ✓ 3. $\dfrac{114}{25}$
- ✗ 4. $\dfrac{119}{25}$

Question ID : **31436063**
Status : **Not Answered**
Chosen Option : **--**

Q.11 The value of $\dfrac{7-[4+3(2-2\times2+5)-8]\div5}{2\div2\ of\ (4+4\div4\ of\ 4)}$ is:

Ans

✗ 1. 26

✔ 2. $25\frac{1}{2}$

✗ 3. $8\frac{1}{2}$

✗ 4. 24

Question ID : **31436052**
Status : **Answered**
Chosen Option : **2**

Q.12 ABCD is a cyclic quadrilateral in which AB = 16.5 cm, BC = x cm, CD = 11 cm, AD = 19.8 cm, and BD is bisected by AC at O. What is the value of x ?

Ans

✗ 1. 12.4 cm

✗ 2. 13.8 cm

✔ 3. 13.2 cm

✗ 4. 12.8 cm

Question ID : **31436066**
Status : **Not Answered**
Chosen Option : **--**

Q.13 If $sec\theta - tan\theta = \dfrac{x}{y}, (0 < x < y)$ and $0° < \theta < 90°$, then $sin\theta$ is equal to:

Ans

✗ 1. $\dfrac{x^2+y^2}{2xy}$

✗ 2. $\dfrac{2xy}{x^2+y^2}$

✔ 3. $\dfrac{y^2-x^2}{x^2+y^2}$

✗ 4. $\dfrac{x^2+y^2}{y^2-x^2}$

Question ID : **31436071**
Status : **Answered**
Chosen Option : **3**

Q.14 If $5sin^2\theta + 14cos\theta = 13$, $0° < \theta < 90°$, then what is the value of $\frac{sec\theta + cot\theta}{cosec\theta + tan\theta}$?

Ans

✗ 1. $\frac{9}{8}$

✓ 2. $\frac{31}{29}$

✗ 3. $\frac{21}{28}$

✗ 4. $\frac{32}{27}$

Question ID : **31436069**
Status : **Answered**
Chosen Option : **2**

Q.15 In $\triangle ABC$, $AB = AC$. A circle drawn through B touches AC at D and intersect AB at P. If D is the mid point of AC and AP = 2.5 cm, then AB is equal to:

Ans

✗ 1. 9 cm

✗ 2. 7.5 cm

✗ 3. 12.5 cm

✓ 4. 10 cm

Question ID : **31436065**
Status : **Not Answered**
Chosen Option : **--**

Q.16 The given table represents the number of computers sold by four dealers A, B, C and D during the first six months of 2016. Study the table carefully and answer the question that follows.

Dealer / Month	A	B	C	D
January	102	92	95	107
February	94	96	104	106
March	85	94	100	90
April	108	97	99	96
May	98	102	100	89
June	95	108	102	91

What is the ratio of the total number of computers sold by dealer A in February, April and May to the total number of computers sold by dealer D in March, May and June?

Ans

✗ 1. 15 : 13

✓ 2. 10 : 9

✗ 3. 20 : 27

✗ 4. 6 : 5

Question ID : **31436072**
Status : **Answered**
Chosen Option : **2**

Q.17 A can complete a certain work in 30 days. B is 25% more efficient than A and C is 20% more efficient than B. They all worked together for 3 days. B alone will complete the remaining work in:

Ans

✓ 1. 15 days

✗ 2. 12 days

✗ 3. 20 days

✗ 4. 18 days

Question ID : **31436059**

Status : **Not Answered**

Chosen Option : **--**

Q.18 The value of $\dfrac{tan30°cosec60°+tan60°sec30°}{sin^2 30°+4cot^2 45°-sec^2 60°}$ is:

Ans

✗ 1. $\dfrac{2}{3}$

✓ 2. $\dfrac{32}{3}$

✗ 3. $\dfrac{8}{3}$

✗ 4. $\dfrac{32}{99}$

Question ID : **31436070**

Status : **Not Answered**

Chosen Option : **--**

Q.19 On simplification, $\dfrac{x^3-y^3}{x[(x+y)^2-3xy]} \div \dfrac{y[(x-y)^2+3xy]}{x^3+y^3} \times \dfrac{(x+y)^2-(x-y)^2}{x^2-y^2}$ is equal to:

Ans

✓ 1. 4

✗ 2. 1

✗ 3. $\dfrac{1}{2}$

✗ 4. $\dfrac{1}{4}$

Question ID : **31436062**

Status : **Not Answered**

Chosen Option : **--**

Q.20 The given table represents the number of computers sold by four dealers A, B, C and D during the first six months of 2016. Study the table carefully and answer the question that follows.

Dealer → / Month ↓	A	B	C	D
January	102	92	95	107
February	94	96	104	106
March	85	94	100	90
April	108	97	99	96
May	98	102	100	89
June	95	108	102	91

The total number of computers sold by dealer B in April, May and June is what percentage of the total number of computers sold by all the dealers in February and April?

Ans

✗ 1. $50\frac{7}{8}$

✗ 2. $43\frac{6}{7}$

✗ 3. $48\frac{5}{7}$

✔ 4. $38\frac{3}{8}$

Question ID : **31436075**
Status : **Not Answered**
Chosen Option : **--**

Q.21 The given table represents the number of computers sold by four dealers A, B, C and D during the first six months of 2016. Study the table carefully and answer the question that follows.

Dealer → / Month ↓	A	B	C	D
January	102	92	95	107
February	94	96	104	106
March	85	94	100	90
April	108	97	99	96
May	98	102	100	89
June	95	108	102	91

The total number of computers sold by dealer A during February to June is what percentage more than the total number of computers sold by all the dealers in June? (Correct to one decimal place)

Ans

✗ 1. 17.5

✗ 2. 25.3

✗ 3. 24.4

✔ 4. 21.2

Question ID : **31436074**
Status : **Not Answered**
Chosen Option : **--**

Q.22 A person buys 5 tables and 9 chairs for ₹15,400. He sells the tables at 10% profit and chairs at 20% profit. If his total profit on selling all the tables and chairs is ₹2,080, what is the cost price of 3 chairs?

Ans ✗ 1. ₹1,890

✗ 2. ₹1,740

✔ 3. ₹1,800

✗ 4. ₹1,860

Question ID : **31436056**
Status : **Not Answered**
Chosen Option : **--**

Q.23 A boat can go 3 km upstream and 5 km downstream in 55 minutes. It can also go 4 km upstream and 9 km downstream in 1 hour 25 minutes. In how much time (in hours) will it go 43.2 km downstream?

Ans ✗ 1. 4.8

✗ 2. 5.4

✔ 3. 3.6

✗ 4. 4.4

Question ID : **31436060**
Status : **Not Answered**
Chosen Option : **--**

Q.24 Sonu saves 15% of her income. If her income increases by 20% and she still saves the same amount as before, then what is the percentage increase in her expenditure? (correct to one decimal place)

Ans ✗ 1. 22.8

✔ 2. 23.5

✗ 3. 23.8

✗ 4. 24.2

Question ID : **31436055**
Status : **Not Answered**
Chosen Option : **--**

Q.25 What is the compound interest on a sum of ₹12,000 for $2\frac{5}{8}$ years at 8% p.a., when the interest is compounded annually? (nearest to a rupee)

Ans ✔ 1. ₹2,697

✗ 2. ₹2,654

✗ 3. ₹2,712

✗ 4. ₹2,642

Question ID : **31436058**
Status : **Not Answered**
Chosen Option : **--**

Section : **English Comprehension**

Q.1 Select the most appropriate meaning of the given idiom.

Back to square one

Ans
- ✗ 1. Neglect something
- ✓ 2. Come to the original point
- ✗ 3. Draw a square
- ✗ 4. Move ahead

Question ID : **31436094**
Status : **Answered**
Chosen Option : **2**

Q.2 Select the wrongly spelt word.

Ans
- ✗ 1. Competence
- ✓ 2. Consumation
- ✗ 3. Chronology
- ✗ 4. Compromise

Question ID : **31436099**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.3 Select the most appropriate word to substitute the underlined word of the given sentence. If substitution is not required select 'No improvement'.

To fight on the battlefield for the sake of one's country needs <u>a great strongness.</u>

Ans
- ✗ 1. the greatest strongness
- ✗ 2. a lots of strength
- ✗ 3. No improvement
- ✓ 4. great courage

Question ID : **31436080**
Status : **Answered**
Chosen Option : **2**

Q.4 Select the wrongly spelt word.

Ans
- ✓ 1. Tresure
- ✗ 2. Tamarind
- ✗ 3. Turmoil
- ✗ 4. Truthful

Question ID : **31436098**
Status : **Answered**
Chosen Option : **1**

Q.5 **Select the correct active form of the given sentence.**

This beautiful story was written by Maya.

Ans ✗ 1. Maya writes this beautiful story.

✗ 2. Maya was writing this beautiful story.

✓ 3. Maya wrote this beautiful story.

✗ 4. Maya is writing this beautiful story.

Question ID : **31436078**
Status : **Answered**
Chosen Option : **3**

Q.6 **Select the antonym of the given word.**

LIBERTY

Ans ✗ 1. Deliverance

✗ 2. Convenience

✓ 3. Dependence

✗ 4. Independence

Question ID : **31436093**
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 stitch in time saves nine'. This wise saying suggests that an (1)_____ action taken on time to rectify an error rules (2)_____ the possibility of accumulation of such errors and future (3)_____ . Wisdom, therefore lies in correcting the error as soon as it is (4)_____. There is no point-in allowing the (5)_____ to grow and then take hasty actions to set things right.

SubQuestion No : 7

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

Ans ✗ 1. superficial

✗ 2. opposite

✓ 3. appropriate

✗ 4. wrong

Question ID : **31436083**
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 stitch in time saves nine'. This wise saying suggests that an (1)_____ action taken on time to rectify an error rules (2)_____ the possibility of accumulation of such errors and future (3)_____ . Wisdom, therefore lies in correcting the error as soon as it is (4)_____. There is no point-in allowing the (5)_____ to grow and then take hasty actions to set things right.

SubQuestion No : 8

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

Ans ✔ 1. out

✘ 2. for

✘ 3. in

✘ 4. at

Question ID : **31436084**
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 stitch in time saves nine'. This wise saying suggests that an (1)_____ action taken on time to rectify an error rules (2)_____ the possibility of accumulation of such errors and future (3)_____ . Wisdom, therefore lies in correcting the error as soon as it is (4)_____. There is no point-in allowing the (5)_____ to grow and then take hasty actions to set things right.

SubQuestion No : 9

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

Ans ✔ 1. damages

✘ 2. facilities

✘ 3. advantages

✘ 4. qualities

Question ID : **31436085**
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 stitch in time saves nine'. This wise saying suggests that an (1)_____ action taken on time to rectify an error rules (2)_____ the possibility of accumulation of such errors and future (3)_____ . Wisdom, therefore lies in correcting the error as soon as it is (4)_____. There is no point-in allowing the (5)_____ to grow and then take hasty actions to set things right.

SubQuestion No : 10

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

Ans ✘ 1. invented

✘ 2. proposed

✘ 3. managed

✔ 4. discovered

Question ID : **31436086**
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.

'A stitch in time saves nine'. This wise saying suggests that an (1)_____ action taken on time to rectify an error rules (2)_____ the possibility of accumulation of such errors and future (3)_____ . Wisdom, therefore lies in correcting the error as soon as it is (4)_____ . There is no point-in allowing the (5)_____ to grow and then take hasty actions to set things right.

SubQuestion No : 11

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

Ans ✔ 1. malady

✘ 2. melody

✘ 3. parody

✘ 4. remedy

Question ID : **31436087**
Status : **Answered**
Chosen Option : **4**

Q.12 Select one word for the following group of words.

Open refusal to obey orders

Ans ✘ 1. Compliance

✘ 2. Adherence

✘ 3. Obedience

✔ 4. Defiance

Question ID : **31436097**
Status : **Answered**
Chosen Option : **4**

Q.13 Select the most appropriate meaning of the given idiom.

Dead heat

Ans ✔ 1. Close contest that ends in a tie

✘ 2. Strong opposition to one's ideas

✘ 3. A deadly blast of hot air

✘ 4. A strong heat wave

Question ID : **31436095**
Status : **Marked For Review**
Chosen Option : **4**

Q.14 Select the synonym of the given word.

REVERE

Ans   ✔️ 1. Respect

     ❌ 2. Condemn

     ❌ 3. Enjoy

     ❌ 4. Repeat

Question ID : **31436091**

Status : **Answered**

Chosen Option : **1**

Q.15 In the sentence identify the segment which contains the grammatical error.

The boy which stole the money was caught by the police.

Ans   ❌ 1. was caught

     ✔️ 2. The boy which

     ❌ 3. stole the money

     ❌ 4. by the police

Question ID : **31436076**

Status : **Answered**

Chosen Option : **2**

Q.16 Select the synonym of the given word.

PREVENT

Ans   ❌ 1. Construct

     ❌ 2. Allow

     ✔️ 3. Avert

     ❌ 4. Provoke

Question ID : **31436090**

Status : **Answered**

Chosen Option : **3**

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

She _____ on paying the bill at the restaurant.

Ans   ❌ 1. offered

     ✔️ 2. insisted

     ❌ 3. suggested

     ❌ 4. requested

Question ID : **314360100**

Status : **Answered**

Chosen Option : **2**

Q.18 Select the most appropriate segment to substitute the underlined segment of the given sentence. If substitution is not required select 'no improvement'.

The animal <u>resembled with </u>a cat.

Ans ✔ 1. resembled

✘ 2. resembled by

✘ 3. No improvement

✘ 4. resembled to

Question ID : **31436081**
Status : **Answered**
Chosen Option : **4**

Q.19 Select the antonym of the given word.

BROAD

Ans ✘ 1. Long

✔ 2. Narrow

✘ 3. Large

✘ 4. Wide

Question ID : **31436092**
Status : **Answered**
Chosen Option : **2**

Q.20 Select the most appropriate word to fill in the blank.

The groom stood before the _____ for the wedding ceremony at the church.

Ans ✘ 1. atlas

✘ 2. alter

✘ 3. attic

✔ 4. altar

Question ID : **314360101**
Status : **Answered**
Chosen Option : **4**

Q.21 Select one word for the following group of words.

Morals that govern one's behavior

Ans ✘ 1. Intuition

✔ 2. Ethics

✘ 3. Attitude

✘ 4. Psychology

Question ID : **31436096**
Status : **Answered**
Chosen Option : **2**

Q.22 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.
A. Eventually, she overcame adversities and achieved success.
B. She engaged herself in 'earn while you learn', finance scheme in her college.
C. She needed financial support to complete her graduation.
D. Rama was a very poor girl.

Ans ✗ 1. ABCD

✗ 2. ADCB

✓ 3. DCBA

✗ 4. CBDA

Question ID : **31436089**
Status : **Answered**
Chosen Option : **3**

Q.23 Select the correct direct form of the given sentence.

The teacher commanded the students not to shout.

Ans ✗ 1. The teacher says to the students, "Do not shout."

✓ 2. The teacher said to the students, "Don't shout."

✗ 3. The teacher said to the student, "You should not shout."

✗ 4. The teacher told to the students, "You must not shout."

Question ID : **31436079**
Status : **Marked For Review**
Chosen Option : **3**

Q.24 In the sentence identify the segment which contains the grammatical error.

Saraswati college has maintained its reputation as one of the best college in the country.

Ans ✗ 1. Saraswati college has maintained

✗ 2. its reputation as

✗ 3. in the country

✓ 4. one of the best college

Question ID : **31436077**
Status : **Answered**
Chosen Option : **4**

Q.25 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.
A. "We are going to the market," declared Reetu and Geetu.
B. "Where are you going?" the father asked.
C. "Take your umbrella, it is going to rain," the mother said.
D. "Yes, definitely. We will," replied the two.

Ans ✗ 1. ABDC

✗ 2. DCAB

✓ 3. BACD

✗ 4. BCDA

Question ID : **31436088**
Status : **Answered**
Chosen Option : **3**

Combined Graduate Level Examination-2019 (Tier-I)

Roll Number	www.exammix.com
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Exam Date	04/03/2020
Exam Time	1:00 PM - 2:00 PM
Subject	CGLE Tier I

Section : **General Intelligence and Reasoning**

Q.1 How many triangles are there in the given figure?
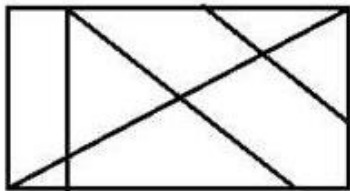
Ans
   ✗ 1. 9
   ✗ 2. 10
   ✔ 3. 11
   ✗ 4. 12

Question ID : **816161132**
Status : **Answered**
Chosen Option : **1**

Q.2 A + B means 'B is the sister of A';

A – B means 'A is the father of B';

A × B means 'B is the son of A';

A ÷ B means 'B is the husband of A'.

If, E ÷ F - H + J × G + D, then how is D related to H?

Ans
   ✗ 1. Uncle
   ✗ 2. Father
   ✔ 3. Niece
   ✗ 4. Aunt

Question ID : **816161122**
Status : **Answered**
Chosen Option : **3**

Q.3 'Grapes' is related to 'Fruit' in the same way as 'Pepper' is related to '_____'.

Ans
✗ 1. Pulses

✗ 2. Dry Fruits

✔ 3. Spices

✗ 4. Cereals

Question ID : **816161117**
Status : **Answered**
Chosen Option : **3**

Q.4 Three different positions of the same dice are shown. Select the symbol that will be on the face opposite to the one showing ' @ ' .

Ans
✗ 1. !

✗ 2. &

✗ 3. <

✔ 4. #
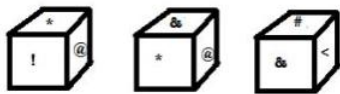
Question ID : **816161133**
Status : **Answered**
Chosen Option : **4**

Q.5 Select the option in which the given figure is embedded (rotation is not allowed).

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.
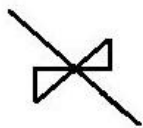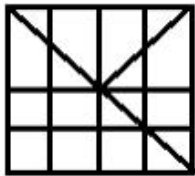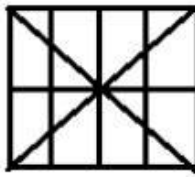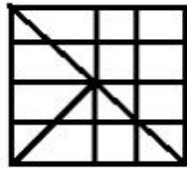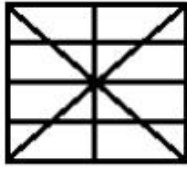
Question ID : **816161134**
Status : **Answered**
Chosen Option : **2**

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

AOS, CQU, ? , GUY, IWA

Ans ✗ 1. FSX
✗ 2. DRV
✔ 3. ESW
✗ 4. GSW

Question ID : **816161121**
Status : **Answered**
Chosen Option : **3**

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

Ans

✗ 1.

✗ 2.

✗ 3.

✔ 4.
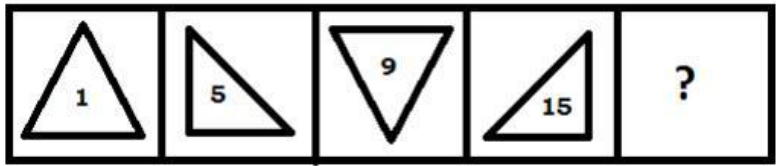
Question ID : **816161131**
Status : **Answered**
Chosen Option : **4**

Q.8 Select the number that can replace the question mark (?) in the following series.

4, 25, 121, ? , 529, 961

Ans
✗ 1. 361
✗ 2. 256
✗ 3. 324
✔ 4. 289

Question ID : **816161124**
Status : **Marked For Review**
Chosen Option : **4**

Q.9 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. 8-138

✖ 2. 11-143

✖ 3. 6-174

✖ 4. 5-155

> Question ID : **816161126**
> Status : **Answered**
> Chosen Option : **1**

Q.10 Select the option in which the words share the same relationship as that shared by the given pair of words.

Turmeric : Spices

Ans ✖ 1. Fig : Cashew Nuts

✔ 2. Dates : Dry Fruits

✖ 3. Nutmeg : Chilli Flakes

✖ 4. Apricot : Pear

> Question ID : **816161118**
> Status : **Answered**
> Chosen Option : **2**

Q.11 Select the option that is related to the third number in the same way as the second number is related to the first number.

6 : 252 :: 5 : ?

Ans ✖ 1. 175

✔ 2. 150

✖ 3. 125

✖ 4. 225

> Question ID : **816161125**
> Status : **Answered**
> Chosen Option : **2**

Q.12 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

1. All cars are trucks.

2. Some buses are cars.

Conclusions:

I. All cars are buses.

II. Some buses are trucks.

III. All trucks are buses.

Ans

✗ 1. Only conclusions II and III follow.

✗ 2. Only conclusion I follows.

✔ 3. Only conclusion II follows.

✗ 4. Only conclusions I and III follow.

Question ID : **816161123**

Status : **Answered**

Chosen Option : **3**

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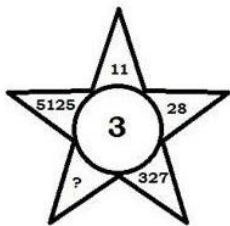
Ans

✗ 1. 446

✔ 2. 464

✗ 3. 4126

✗ 4. 444

Question ID : **816161128**

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

Chosen Option : **--**

Q.14 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. HFE

✗ 2. GMF

✗ 3. DVR

✗ 4. OVG

Question ID : **816161115**

Status : **Marked For Review**

Chosen Option : **1**

Q.15 Product A is costlier than product B by ₹2. If the price of product A is increased by two times the price of product B, the new price of product A becomes ₹17. What is the price of product B?

Ans ✅ 1. ₹5

❌ 2. ₹6

❌ 3. ₹3

❌ 4. ₹7

Question ID : **816161130**
Status : **Not Answered**
Chosen Option : **--**

Q.16 Select the letter that can replace the question mark (?) in the following series.

W, Q, ? , H, E, C

Ans ❌ 1. K

❌ 2. N

✅ 3. L

❌ 4. M

Question ID : **816161113**
Status : **Answered**
Chosen Option : **3**

Q.17 In a certain code language, 'GUM' is coded as '49441169'. How will 'WAX' be coded as in that language?

Ans ✅ 1. 5291576

❌ 2. 2891400

❌ 3. 3611121

❌ 4. 8412525

Question ID : **816161120**
Status : **Answered**
Chosen Option : **1**

Q.18 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

10	3	14
49	15	68
33	19	?

Ans ✅ 1. 28

❌ 2. 29

❌ 3. 25

❌ 4. 27

Question ID : **816161127**
Status : **Answered**
Chosen Option : **1**

Q.19 Select the option that depicts how the given transparent sheet of paper would appear if it is folded at the dotted line.

Ans

✗ 1.

✗ 2.

✗ 3.

✓ 4.
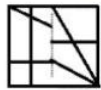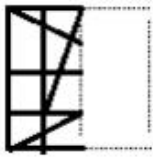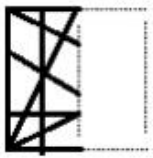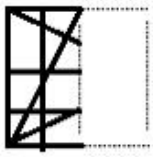
Question ID : **816161136**
Status : **Answered**
Chosen Option : **4**

Q.20 Which two digits should be interchanged to make the given equation correct?

$32 \div 6 + 26 - 13 \times 6 = 54$

Ans

✗ 1. 2 and 3

✓ 2. 6 and 2

✗ 3. 3 and 1

✗ 4. 3 and 6

Question ID : **816161129**
Status : **Not Answered**
Chosen Option : **--**

Q.21 Four words have been given, out of which three are alike in some manner and one is different. Select the odd word.

Ans

✗ 1. Ahmedabad

✗ 2. Surat

✓ 3. Jhalrapatan

✗ 4. Rajkot

Question ID : **816161116**
Status : **Answered**
Chosen Option : **3**

Q.22 In a certain code language, PYTHON' is written as 'LMFRWN'. How will 'RHYTHM' be written as in that language?

Ans
✓ 1. KFRWFP
✗ 2. NFRWFS
✗ 3. MFRWFT
✗ 4. MFRWFX

Question ID : **816161119**
Status : **Answered**
Chosen Option : **2**

Q.23 Arrange the following words in a logical and meaningful order.

1. Micron

2. Metre

3. Mile

4. Millimetre

5. Kilometre

6. Centimetre

Ans
✗ 1. 4-6-2-5-3-1
✗ 2. 4-6-2-5-1-3
✓ 3. 1-4-6-2-5-3
✗ 4. 1-4-6-2-3-5

Question ID : **816161114**
Status : **Answered**
Chosen Option : **3**

Q.24 In the given Venn diagram, 'Group A' represents those who can speak 'English', 'Group B' represents those who can speak 'Hindi', and 'Group C' represents those who can speak 'Marathi'. The numbers given in the diagram represent the number of persons in that particular category.
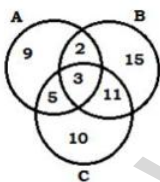
How many persons can speak exactly two languages?

Ans
✓ 1. 18
✗ 2. 3
✗ 3. 21
✗ 4. 12

Question ID : **816161137**
Status : **Answered**
Chosen Option : **1**

Q.25 Select the correct mirror image of the given figure when a mirror is placed on the right of the figure.

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.

Question ID : **816161135**
Status : **Answered**
Chosen Option : **1**

Section : **General Awareness**

Q.1 The development of a fruit without fertilization is called _____.

Ans ✘ 1. Gametogamy

✔ 2. Parthenocarpy

✘ 3. Hybridogenesis

✘ 4. Apomixis

www.exammix.com

Question ID : **816161142**
Status : **Marked For Review**
Chosen Option : **3**

Q.2 Which of the following is NOT a nationalised bank?

Ans ✘ 1. United Bank of India

✔ 2. State Bank of India

✘ 3. Punjab National Bank

✘ 4. Punjab and Sind Bank

Question ID : **816161141**
Status : **Answered**
Chosen Option : **4**

Q.3 In the sequence of planets in the solar system, which planet comes in between Mars and Saturn?

Ans
✗ 1. Venus

✗ 2. Mercury

✗ 3. Uranus

✓ 4. Jupiter

Question ID : **816161147**

Status : **Answered**

Chosen Option : **4**

Q.4 Which Tennis star will have a Swiss coin minted in his/her honour?

Ans
✗ 1. Novak Djokovic

✓ 2. Roger Federer

✗ 3. Serena Williams

✗ 4. Rafael Nadal

Question ID : **816161159**

Status : **Marked For Review**

Chosen Option : **2**

Q.5 Who is the first Indian to bag two International hat-tricks in cricket?

Ans
✗ 1. Virat Kohli

✓ 2. Kuldeep Yadav

✗ 3. Kedar Jadhav

✗ 4. Rohit Sharma

Question ID : **816161158**

Status : **Marked For Review**

Chosen Option : **2**

Q.6 In which city was the Jhanda Satyagraha or Flag Satyagraha of 1923 held?

Ans
✗ 1. Bombay

✓ 2. Nagpur

✗ 3. Calcutta

✗ 4. Ahmedabad

Question ID : **816161153**

Status : **Answered**

Chosen Option : **2**

Q.7 Which pillar inscriptions has recorded the achievements of Samudra Gupta, who was known as the 'Napoleon of India' for his conquests?

Ans ✗ 1. Iron Pillar

✗ 2. Sun Pillar

✗ 3. Vijaya Stambha

✔ 4. Allahabad Pillar

Question ID : **816161150**

Status : **Answered**

Chosen Option : **3**

Q.8 John Maynard Keynes, best known for his economic theories (Keynesian economics), hailed from which country?

Ans ✗ 1. Sweden

✗ 2. Denmark

✗ 3. Australia

✔ 4. England

Question ID : **816161140**

Status : **Not Answered**

Chosen Option : **--**

Q.9 Which part of the body is responsible for the manufacture of red blood cells?

Ans ✗ 1. Lungs

✗ 2. Heart

✗ 3. Brain

✔ 4. Bone marrow

Question ID : **816161143**

Status : **Answered**

Chosen Option : **2**

Q.10 Which of the following is NOT a twin city of India?

Ans ✗ 1. Ahmedabad and Gandhinagar

✗ 2. Hubli and Dharwad

✔ 3. Thrissur and Thiruvalla

✗ 4. Cuttack and Bhubaneswar

Question ID : **816161149**

Status : **Answered**

Chosen Option : **3**

Q.11 **Which city of India is known as 'The Athens of the East'?**

Ans ✘ 1. Allahabad

✘ 2. Patna

✔ 3. Madurai

✘ 4. Kochi

Question ID : **816161148**
Status : **Answered**
Chosen Option : **2**

Q.12 **Which US based Indian topped the Forbes India's '20 people to watch in the 2020s' list?**

Ans ✔ 1. Hasan Minhaj

✘ 2. Dushyant Chautala

✘ 3. Prashant Kishor

✘ 4. Mahua Moitra

Question ID : **816161161**
Status : **Answered**
Chosen Option : **4**

Q.13 **Jellyfish are an example of which type of phylum?**

Ans ✘ 1. Phylum -Ctenophora

✘ 2. Phylum -Porifera

✔ 3. Phylum - Cnidaria

✘ 4. Phylum -Protozoa

Question ID : **816161146**
Status : **Answered**
Chosen Option : **4**

Q.14 **Who chaired the sixth meeting of the Island Development Agency in New Delhi in January 2020?**

Ans ✘ 1. Narendra Modi

✔ 2. Amit Shah

✘ 3. Nirmala Sitharaman

✘ 4. Nitin Gadkari

Question ID : **816161162**
Status : **Not Answered**
Chosen Option : **--**

Q.15 Who was appointed as Managing Director of the International Monetary Fund in October, 2019?

Ans ✗ 1. Rodrigo Rato

✗ 2. Dominique Strauss-Kahn

✓ 3. Kristalina Georgieva

✗ 4. Christine Lagarde

Question ID : **816161154**

Status : **Answered**

Chosen Option : **4**

Q.16 Methane is a colourless, odourless, non-toxic but flammable gas. What is its common name?

Ans ✗ 1. Blue vitriol

✗ 2. Laughing gas

✗ 3. Heating gas

✓ 4. Marsh gas

Question ID : **816161145**

Status : **Answered**

Chosen Option : **4**

Q.17 Freedom fighter Sucheta Kripalani, became the first woman chief minister of which state?

Ans ✗ 1. Rajasthan

✗ 2. Andhra Pradesh

✗ 3. Gujarat

✓ 4. Uttar Pradesh

Question ID : **816161157**

Status : **Answered**

Chosen Option : **4**

Q.18 In which period was the legendary Victoria Terminus station (currently Chhatrapati Shivaji Maharaj Terminus), Mumbai built?

Ans ✓ 1. 1878 to 1888

✗ 2. 1843 to 1853

✗ 3. 1933 to 1943

✗ 4. 1911 to 1921

Question ID : **816161152**

Status : **Answered**

Chosen Option : **2**

Q.19 Who was the first Governor of Madhya Pradesh?

Ans ✗ 1. BD Sharma

✓ 2. Dr. Sitaramayya

✗ 3. GP Singh

✗ 4. NN Wanchu

Question ID : **816161151**
Status : **Answered**
Chosen Option : **1**

Q.20 In which state has the Jawara Dance, a dance form to celebrate wealth, originated?

Ans ✗ 1. Rajasthan

✗ 2. Gujarat

✓ 3. Madhya Pradesh

✗ 4. Kerala

Question ID : **816161139**
Status : **Not Answered**
Chosen Option : **--**

Q.21 In which state did the second phase of Intensified Mission Indradhanush (IMI) 2.0 begin in January 2020?

Ans ✓ 1. Uttar Pradesh

✗ 2. Punjab

✗ 3. Kerala

✗ 4. Bihar

Question ID : **816161160**
Status : **Answered**
Chosen Option : **3**

Q.22 Who was chosen as foreign secretary of India in January 2020?

Ans ✗ 1. Vijay Keshav Gokhale

✗ 2. Nirupama Rao

✗ 3. Ranjan Mathai

✓ 4. Harsh Vardhan Shringla

Question ID : **816161156**
Status : **Answered**
Chosen Option : **1**

Q.23 Which Union Minister of Home Affairs released a book titled Karmayodha Granth in New Delhi?

Ans   ✗ 1. Rajnath Singh

     ✗ 2. P Chidambaram

     ✓ 3. Amit Shah

     ✗ 4. Sushilkumar Shinde

Question ID : **816161155**
Status : **Answered**
Chosen Option : **3**

Q.24 Georg Simon Ohm in whose honour we have the famous Ohm's Law, hailed from which country?

Ans   ✓ 1. Germany

     ✗ 2. Spain

     ✗ 3. Poland

     ✗ 4. Russia

Question ID : **816161144**
Status : **Not Answered**
Chosen Option : **--**

Q.25 Which city in India is world renowned for one of the most traditional embroidery styles, Chikankari?

Ans   ✗ 1. Ahmedabad

     ✓ 2. Lucknow

     ✗ 3. Hyderabad

     ✗ 4. Udaipur

Question ID : **816161138**
Status : **Answered**
Chosen Option : **3**

Section : **Quantitative Aptitude**

Q.1 If the 6-digit numbers $x35624$ and $1257y4$ are divisible by 11 and 72, respectively, then what is the value of $(5x - 2y)$?

Ans   ✓ 1. 14

     ✗ 2. 12

     ✗ 3. 10

     ✗ 4. 13

Question ID : **816161163**
Status : **Answered**
Chosen Option : **1**

Q.2 The given table represents the revenue (in ₹ crores) of a company from the sale of four products A, B, C and D in 6 years. Study the table carefully and answer the question that follows.

Years → Product ↓	2012	2013	2014	2015	2016	2017
A	98	94	80	95	110	115
B	74	96	92	84	98	86
C	82	98	96	88	93	103
D	74	102	92	93	97	102

What is the ratio of the total revenue of the company in 2014 from the sale of all the four products to the total revenue from the sale of product C in 2014 to 2017?

Ans

✗ 1. $14 : 23$

✔ 2. $18 : 19$

✗ 3. $7 : 10$

✗ 4. $7 : 9$

Question ID : 816161184
Status : **Answered**
Chosen Option : **2**

Q.3 If $P = \frac{x^4 - 8x}{x^3 - x^2 - 2x}$, $Q = \frac{x^2 + 2x + 1}{x^2 - 4x - 5}$ and $R = \frac{2x^2 + 4x + 8}{x - 5}$, then $(P \times Q) \div R$ is equal to:

Ans

✔ 1. $\frac{1}{2}$

✗ 2. 1

✗ 3. 2

✗ 4. 4

Question ID : 816161174
Status : **Answered**
Chosen Option : **1**

Q.4 The value of $\dfrac{5\frac{1}{2} \div 3\frac{2}{3} \, of \, \frac{1}{4} + \left(5\frac{1}{9} - 7\frac{7}{8} \div 9\frac{9}{20}\right) \times \frac{9}{11}}{5 \div 5 \, of \, \frac{1}{10} - 10 \times 10 \div 20}$ is:

Ans

✗ 1. $1\frac{4}{5}$

✔ 2. $1\frac{9}{10}$

✗ 3. $3\frac{4}{5}$

✗ 4. $9\frac{1}{2}$

Question ID : 816161164
Status : **Answered**
Chosen Option : **2**

Q.5 PRT is a tangent to a circle with centre O, at the point R on it. Diameter SQ of the circle is produced to meet the tangent at P and QR is joined. If ∠QRP = 28°, then the measure of ∠SPR is:

Ans
✗ 1. 29°
✔ 2. 34°
✗ 3. 62°
✗ 4. 32°

Question ID : **816161177**
Status : **Answered**
Chosen Option : **3**

Q.6 In ΔPQR, $\angle Q = 85°$ and $\angle R = 65°$. Points S and T are on the sides PQ and PR, respectively such that $\angle STR = 95°$, and the ratio of the QR and ST is 9 : 5. If PQ = 21.6 cm, then the length of PT is:

Ans
✗ 1. 10.5 cm
✗ 2. 9.6 cm
✔ 3. 12 cm
✗ 4. 9 cm

Question ID : **816161180**
Status : **Not Answered**
Chosen Option : **--**

Q.7 The income of A is 60% less than that of B, and the expenditure of A is equal to 60% of B's expenditure. If A's income is equal to 70% of B's expenditure, then what is the ratio of the savings of A and B?

Ans
✗ 1. 3 : 8
✗ 2. 5 : 9
✗ 3. 4 : 7
✔ 4. 2 : 15

Question ID : **816161167**
Status : **Answered**
Chosen Option : **4**

Q.8 If $a + b + c = 7$ and $ab + bc + ca = -6$, then the value of $a^3 + b^3 + c^3 - 3abc$ is:

Ans
✔ 1. 469
✗ 2. 472
✗ 3. 463
✗ 4. 479

Question ID : **816161176**
Status : **Marked For Review**
Chosen Option : **1**

Q.9 The marked price of an article is ₹740. After two successive discounts of 15% and x %, it is sold for ₹566.10. What is the value of x ?

Ans
  ✗ 1. 12
  ✗ 2. 5
  ✔ 3. 10
  ✗ 4. 20

Question ID : **816161166**
Status : **Answered**
Chosen Option : **3**

Q.10 The given table represents the revenue (in ₹ crores) of a company from the sale of four products A, B, C and D in 6 years. Study the table carefully and answer the question that follows.

Years → Product ↓	2012	2013	2014	2015	2016	2017
A	98	94	80	95	110	115
B	74	96	92	84	98	86
C	82	98	96	88	93	103
D	74	102	92	93	97	102

By what percentage is the total revenue of the company from the sale of products A, B and D in 2012 and 2013 more than the total revenue from the sale of product B in 2013 to 2016?(Correct to one decimal place)

Ans
  ✗ 1. 44.5
  ✗ 2. 31.2
  ✗ 3. 43.6
  ✔ 4. 45.4

Question ID : **816161187**
Status : **Not Answered**
Chosen Option : **--**

Q.11 The difference in compound interest on a certain sum at 10% p.a. for one year, when the interest is compounded half yearly and yearly, is ₹88.80. What is the simple interest on the same sum for $1\frac{2}{3}$ years at the same rate?

Ans
  ✗ 1. ₹5,916
  ✗ 2. ₹5,986
  ✗ 3. ₹5,980
  ✔ 4. ₹5,920

Question ID : **816161170**
Status : **Not Answered**
Chosen Option : **--**

Q.12 If $30x^2 - 15x + 1 = 0$, then what is the value of $25x^2 + (36x^2)^{-1}$?

Ans

✗ 1. $\frac{9}{2}$

✗ 2. $6\frac{1}{4}$

✗ 3. $\frac{65}{12}$

✓ 4. $\frac{55}{12}$

Question ID : **816161175**
Status : **Answered**
Chosen Option : **4**

Q.13 The ratio of boys and girls in a group is 7 : 6. If 4 more boys join the group and 3 girls leave the group, then the ratio of boys to girls becomes 4 : 3. What is the total number of boys and girls initially in the group?

Ans

✗ 1. 117

✗ 2. 78

✗ 3. 91

✓ 4. 104

Question ID : **816161169**
Status : **Answered**
Chosen Option : **4**

Q.14 In $\triangle ABC$, D and E are the points on sides AC and BC, respectively such that DE ∥ AB. F is a point on CE such that DF ∥ AE. If CE = 6 cm, and CF = 2.5 cm, then BC is equal to:

Ans

✓ 1. 14.4 cm

✗ 2. 15.6 cm

✗ 3. 14 cm

✗ 4. 12 cm

Question ID : **816161179**
Status : **Answered**
Chosen Option : **1**

Q.15 Two chords AB and CD of a circle are produced to intersect each other at a point P outside the circle. If AB = 7 cm, BP = 4.2 cm and PD = 2.8 cm, then the length of CD is:

Ans

✗ 1. 12 cm

✗ 2. 14.6 cm

✗ 3. 15.8 cm

✓ 4. 14 cm

Question ID : **816161178**
Status : **Not Answered**
Chosen Option : **--**

Q.16 One-third of goods are sold at a 15% profit, 25% of the goods are sold at a 20% profit and the rest at a 20% loss. If the total profit of ₹138.50 is earned on the whole transaction, then the value (in ₹) of the goods is:

Ans

✗ 1. ₹8,587

✗ 2. ₹8,030

✗ 3. ₹7,756

✔ 4. ₹8,310

Question ID : **816161168**
Status : **Not Answered**
Chosen Option : **--**

Q.17 The given table represents the revenue (in ₹ crores) of a company from the sale of four products A, B, C and D in 6 years. Study the table carefully and answer the question that follows.

Years → Product ↓	2012	2013	2014	2015	2016	2017
A	98	94	80	95	110	115
B	74	96	92	84	98	86
C	82	98	96	88	93	103
D	74	102	92	93	97	102

The number of years in which the revenue of the company from the sale of product D is more than the average revenue from the sale of product A over six years, is:

Ans

✗ 1. 4

✗ 2. 1

✗ 3. 3

✔ 4. 2

Question ID : **816161185**
Status : **Not Answered**
Chosen Option : **--**

Q.18 If $7sin^2\theta - cos^2\theta + 2sin\theta = 2, 0° < \theta < 90°$, then the value of $\frac{sec\,2\theta + cot2\theta}{cosec\,2\theta + tan\,2\theta}$ is:

Ans

✗ 1. $\frac{2\sqrt{3}+1}{3}$

✗ 2. 1

✔ 3. $\frac{1}{5}(1 + 2\sqrt{3})$

✗ 4. $\frac{2}{5}(1 + \sqrt{3})$

Question ID : **816161181**
Status : **Not Answered**
Chosen Option : **--**

Q.19 A and B, working together, can complete a work in d days. Working alone, A takes (8 + d) days and B takes (18 + d) days to complete the same work. A works for 4 days. The remaining work will be completed by B alone, in:

Ans
✔ 1. 24 days
✗ 2. 16 days
✗ 3. 18 days
✗ 4. 20 days

Question ID : **816161171**
Status : **Not Answered**
Chosen Option : **--**

Q.20 The average weight of some students in a class was 58.4 kg. When 5 students having the average weight 62.8 kg joined the class, the average weight of all students in the class increased by 0.55 kg. The number of students initially in the class, were:

Ans
✗ 1. 30
✔ 2. 35
✗ 3. 25
✗ 4. 40

Question ID : **816161165**
Status : **Not Answered**
Chosen Option : **--**

Q.21 The expression $3sec^2\theta\ tan^2\theta + tan^6\theta - sec^6\theta$ is equal to:

Ans
✗ 1. −2
✗ 2. 1
✗ 3. 2
✔ 4. −1

Question ID : **816161183**
Status : **Answered**
Chosen Option : **4**

Q.22 The time taken by a boat to travel 13 km downstream is the same as time taken by it to travel 7 km upstream. If the speed of the stream is 3 km/h, then how much time (in hours) will it take to travel a distance of 44.8 km in still water?

Ans
✔ 1. $4\frac{12}{25}$
✗ 2. $5\frac{3}{5}$
✗ 3. $5\frac{2}{5}$
✗ 4. $4\frac{13}{25}$

Question ID : **816161172**
Status : **Not Answered**
Chosen Option : **--**

Q.23 A cylindrical vessel of radius 30 cm and height 42 cm is full of water. Its contents are emptied into a rectangular tub of length 75 cm and breadth 44 cm. The height (in cm) to which the water rises in the tub is: (Take $\pi = \frac{22}{7}$)

Ans
✔ 1. 36
✘ 2. 30
✘ 3. 40
✘ 4. 45

Question ID : **816161173**
Status : **Not Answered**
Chosen Option : **--**

Q.24 The value of $\frac{tan^2\theta - sin^2\theta}{2 + tan^2\theta + cot^2\theta}$ is:

Ans
✘ 1. $cosec^6\theta$
✘ 2. $cos^4\theta$
✔ 3. $sin^6\theta$
✘ 4. $sec^4\theta$

Question ID : **816161182**
Status : **Answered**
Chosen Option : **2**

Q.25 The given table represents the revenue (in ₹ crores) of a company from the sale of four products A, B, C and D in 6 years. Study the table carefully and answer the question that follows.

Years / Product	2012	2013	2014	2015	2016	2017
A	98	94	80	95	110	115
B	74	96	92	84	98	86
C	82	98	96	88	93	103
D	74	102	92	93	97	102

The total revenue of the company from the sale of products B, C and D in 2014 is what percentage of the total revenue from the sale of products C and D in 6 years?

Ans
✘ 1. 18
✔ 2. 25
✘ 3. 28
✘ 4. 20

Question ID : **816161186**
Status : **Not Answered**
Chosen Option : **--**

Section : **English Comprehension**

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

Obsolete

Ans   ✗ 1. Remote

✔ 2. Recent

✗ 3. Outdated

✗ 4. Rigid

Question ID : **816161204**
Status : **Answered**
Chosen Option : **2**

Q.2 Select the correctly spelt word.

Ans   ✔ 1. Encouragement

✗ 2. Embarasment

✗ 3. Conscinteous

✗ 4. Comotion

Question ID : **816161211**
Status : **Answered**
Chosen Option : **1**

Q.3 Select the most appropriate meaning of the given Idiom.

The bee's knees

Ans   ✗ 1. Observant

✗ 2. Foolish

✗ 3. Problematic

✔ 4. Extraordinary

Question ID : **816161207**
Status : **Answered**
Chosen Option : **3**

Q.4 Select the word which means the same as the given group of words.

One who loads and unloads ships.

Ans   ✗ 1. Spinster

✔ 2. Stevedore

✗ 3. Captain

✗ 4. Rustic

Question ID : **816161209**
Status : **Answered**
Chosen Option : **2**

Q.5 Select the word which means the same as the given group of words.

A sudden rush of a large number of frightened people or animals.

Ans ✗ 1. Scapegoat

✗ 2. Recluse

✓ 3. Stampede

✗ 4. Lunacy

Question ID : **816161208**
Status : **Answered**
Chosen Option : **3**

Q.6 Select the most appropriate word to fill in the blank.

A reward is a _____ which motivates a person to achieve excellence in his field.

Ans ✗ 1. monument

✗ 2. collection

✓ 3. recognition

✗ 4. memorial

Question ID : **816161212**
Status : **Answered**
Chosen Option : **3**

Comprehension:

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

Discipline is doing any work with rules and regulations. It is (1)_____ misunderstood as a restriction to freedom but it makes our life organized. Discipline is a (2)_____ for students and people in different professions. A disciplined person always (3)_____ in each and every field of life. Disciplined people (4)_____ a disciplined society and a powerful nation. Discipline should not be (5)_____ upon the people, rather it should come from within.

SubQuestion No : 7

Q.7 Select the most appropriate option for blank number (1)

Ans ✗ 1. happily

✓ 2. usually

✗ 3. slowly

✗ 4. proudly

Question ID : **816161195**
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.

Discipline is doing any work with rules and regulations. It is (1)_____ misunderstood as a restriction to freedom but it makes our life organized. Discipline is a (2)_____ for students and people in different professions. A disciplined person always (3)_____ in each and every field of life. Disciplined people (4)_____ a disciplined society and a powerful nation. Discipline should not be (5)_____ upon the people, rather it should come from within.

SubQuestion No : 8

Q.8 Select the most appropriate option for blank number (2)

Ans   ✗ 1. disadvantage

  ✓ 2. virtue

  ✗ 3. dream

  ✗ 4. curse

Question ID : **816161196**
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.

Discipline is doing any work with rules and regulations. It is (1)_____ misunderstood as a restriction to freedom but it makes our life organized. Discipline is a (2)_____ for students and people in different professions. A disciplined person always (3)_____ in each and every field of life. Disciplined people (4)_____ a disciplined society and a powerful nation. Discipline should not be (5)_____ upon the people, rather it should come from within.

SubQuestion No : 9

Q.9 Select the most appropriate option for blank number (3)

Ans   ✗ 1. succeed

  ✓ 2. succeeds

  ✗ 3. successful

  ✗ 4. success

Question ID : **816161197**
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.

Discipline is doing any work with rules and regulations. It is (1)_____ misunderstood as a restriction to freedom but it makes our life organized. Discipline is a (2)_____ for students and people in different professions. A disciplined person always (3)_____ in each and every field of life. Disciplined people (4)_____ a disciplined society and a powerful nation. Discipline should not be (5)_____ upon the people, rather it should come from within.

SubQuestion No : 10

Q.10 Select the most appropriate option for blank number (4)

Ans ✘ 1. makes

✔ 2. make

✘ 3. had made

✘ 4. made

Question ID : **816161198**
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.

Discipline is doing any work with rules and regulations. It is (1)_____ misunderstood as a restriction to freedom but it makes our life organized. Discipline is a (2)_____ for students and people in different professions. A disciplined person always (3)_____ in each and every field of life. Disciplined people (4)_____ a disciplined society and a powerful nation. Discipline should not be (5)_____ upon the people, rather it should come from within.

SubQuestion No : 11

Q.11 Select the most appropriate option for blank number (5)

Ans ✘ 1. curbed

✘ 2. adorned

✔ 3. imposed

✘ 4. reposed

Question ID : **816161199**
Status : **Answered**
Chosen Option : **3**

Q.12 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

A. They can then purchase them on subsidized rates with additional loan facilities.
B. It will import technologically advanced medical instruments and provide them to entrepreneurs.
C. The Indian Government has announced certain facilities in the budget session.
D. This will help in strengthening the economic condition of entrepreneurs.

Ans
✘ 1. BDCA

✘ 2. CADB

✔ 3. CBAD

✘ 4. DCAB

Question ID : **816161201**
Status : **Not Answered**
Chosen Option : **--**

Q.13 Select the most appropriate meaning of the given idiom.

To throw a fit

Ans
✘ 1. Become unconscious

✘ 2. Caution someone about fitness

✔ 3. Express extreme anger

✘ 4. Faint and fall down

Question ID : **816161206**
Status : **Answered**
Chosen Option : **3**

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

Derogatory

Ans
✘ 1. Depreciating

✔ 2. Complimentary

✘ 3. Intricate

✘ 4. Insulting

Question ID : **816161205**
Status : **Answered**
Chosen Option : **2**

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

Acknowledgement

Ans
✘ 1. Confusion

✘ 2. Elimination

✘ 3. Compensation

✔ 4. Confirmation

Question ID : **816161202**
Status : **Answered**
Chosen Option : **3**

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

Those who follow a healthy routine is likely enjoying good health.

Ans   ✗ 1. good health

     ✗ 2. a healthy routine

     ✔ 3. is likely enjoying

     ✗ 4. Those who follow

Question ID : **816161189**
Status : **Answered**
Chosen Option : **3**

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

The government should take stringent steps against terrorists and foil their _____ designs.

Ans   ✗ 1. exemplary

     ✗ 2. benevolent

     ✗ 3. conducive

     ✔ 4. malicious

Question ID : **816161213**
Status : **Answered**
Chosen Option : **4**

Q.18 Select the most appropriate synonym of the given word.

Prodigal

Ans   ✗ 1. Trivial

     ✗ 2. Humble

     ✔ 3. Extravagant

     ✗ 4. Arrogant

Question ID : **816161203**
Status : **Answered**
Chosen Option : **3**

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

When I reached the cinema hall, the movie had already began.

Ans   ✔ 1. already began

     ✗ 2. the movie had

     ✗ 3. When I reached

     ✗ 4. the cinema hall

Question ID : **816161188**
Status : **Answered**
Chosen Option : **1**

Q.20 Select the correct passive form of the given sentence.

His elder sister taught him English.

Ans

✗ 1. He is being taught English by his elder sister.

✗ 2. His elder sister is taught English by him.

✗ 3. He has been taught English by his elder sister.

✓ 4. He was taught English by his elder sister.

Question ID : **816161190**
Status : **Answered**
Chosen Option : **4**

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

The mathematical calculation of this problem is easy than a previous one.

Ans

✗ 1. easy than the

✓ 2. easier than the

✗ 3. easiest than the

✗ 4. No Improvement

Question ID : **816161192**
Status : **Answered**
Chosen Option : **2**

Q.22 Select the correct indirect form of the given sentence.

The teacher said to me, "You have not submitted the assignment."

Ans

✗ 1. The teacher said me that I had not submitted assignment.

✗ 2. The teacher told to me that I have not submitted that assignment.

✓ 3. The teacher told me that I had not submitted the assignment.

✗ 4. The teacher said to me that I have not submitted the assignment.

Question ID : **816161191**
Status : **Answered**
Chosen Option : **4**

Q.23 Select the most appropriate option to substitute the underlined segment in the given sentence.

No effort has been made by the Indian cricket team to cash off on its vibrant image in the World Cup.

Ans

✗ 1. for cash through in

✗ 2. for cashing off on

✓ 3. to cash in on

✗ 4. to cash up on

Question ID : **816161193**
Status : **Answered**
Chosen Option : **4**

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

Ans ✓ 1. Veterinary

✗ 2. Rehersal

✗ 3. Employeed

✗ 4. Seperable

Question ID : **816161210**

Status : **Answered**

Chosen Option : **1**

Q.25 **Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.**

A. This is because of its aroma, flavour and variety in the market.
B. Thus, it leads to poor health and mental disorders among children.
C. Children as well as teenagers are tempted towards junk food.
D. It has no or negligible nutritional value and high content of sugar and salt.

Ans ✗ 1. BCDA

✗ 2. ACDB

✓ 3. CADB

✗ 4. CDAB

Question ID : **816161200**

Status : **Not Answered**

Chosen Option : **--**

Combined Graduate Level Examination-2019 (Tier-I)

Roll Number	www.exammix.com
Candidate Name	www.exammix.com
Venue Name	
Exam Date	04/03/2020
Exam Time	4:00 PM - 5:00 PM
Subject	CGLE Tier I

Section : **General Intelligence and Reasoning**

Q.1   Select the correct mirror image of the given figure when a mirror is placed on the right side of the figure.

Ans

Question ID : **314360124**
Status : **Answered**
Chosen Option : **1**

Q.2   In a certain code language, 'EARTH' is coded as '8201815'. How will 'ORBIT' be coded as in that language?

1. 18172372
2. 20921815
3. 37681026
4. 17113912

Question ID : **314360109**
Status : **Answered**
Chosen Option : **2**

Q.3 Select the option that is related to the third term in the same way as the second term is related to the first term and sixth term is related to fifth term.

72: 14 :: 87: ? :: 96 : 54

Ans   ✔ 1. 56

✘ 2. 52

✘ 3. 29

✘ 4. 15

Question ID : **314360114**

Status : **Answered**

Chosen Option : **1**

Q.4 Select the option that depicts how the given transparent sheet of paper would appear if it is folded at the dotted line.
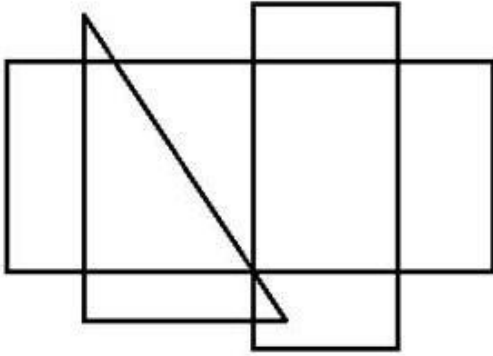

Ans

✘ 1.

✘ 2.

✔ 3.

✘ 4.

Question ID : **314360125**

Status : **Answered**

Chosen Option : **4**

Q.5 How many rectangles are there in the given figure?
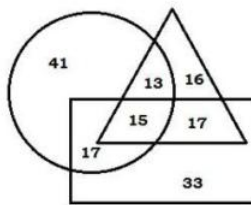

Ans   ✗ 1. 15

     ✓ 2. 17

     ✗ 3. 11

     ✗ 4. 13

Question ID : **314360121**
Status : **Answered**
Chosen Option : **3**

Q.6 In the given Venn diagram, the 'rectangle' represents 'engineers', the 'circle' represents 'managers', and the 'triangle' represents 'married'. The numbers given in the diagram represent the number of persons in that particular category.

How many people are married but are NOT engineers?

Ans   ✓ 1. 29

     ✗ 2. 16

     ✗ 3. 70

     ✗ 4. 13

Question ID : **314360126**
Status : **Answered**
Chosen Option : **1**

Q.7 In a certain code language, 'JUPITER' is written as ' JVOJSFR '. How will 'NEPTUNE' be written as in that language?

Ans ✗ 1. NDPSVME

✗ 2. NGOUTOE

✔ 3. NFOUTOE

✗ 4. NFOSTOE

Question ID : **314360108**

Status : **Answered**

Chosen Option : **3**

Q.8 A product was marked for sale with a label price, which is at 20% discount on the printed price. At the time of sale, the shopkeeper gave an additional 10% discount on the label price. If a customer bought the product at ₹468, then what is the printed price of the product?

Ans ✗ 1. ₹700

✔ 2. ₹650

✗ 3. ₹520

✗ 4. ₹600

Question ID : **314360119**

Status : **Answered**

Chosen Option : **2**

Q.9 A + B means 'A is the wife of B';

A − B means 'B is the daughter of A';

A × B means 'B is the brother of A';

A ÷ B means 'A is the father of B'.

If, P + R × T − Q + S ÷ U, then how is P related to the mother of U?

Ans ✗ 1. Maternal grandmother

✗ 2. Mother

✗ 3. Paternal grandmother

✔ 4. Aunt

Question ID : **314360111**

Status : **Not Answered**

Chosen Option : **--**

Q.10 Arrange the following words in a logical and meaningful order (according to population).

1. Andhra Pradesh
2. Madhya Pradesh
3. Arunachal Pradesh
4. Uttar Pradesh
5. Himachal Pradesh

Ans ✗ 1. 4-1-2-3-5

✓ 2. 4-2-1-5-3

✗ 3. 4-1-2-5-3

✗ 4. 4-2-1-3-5

Question ID : **314360103**
Status : **Answered**
Chosen Option : **2**

Q.11 Select the option in which the words share the same relationship as that shared by the given pair of words.

Dentist : Doctor

Ans ✗ 1. Line : Circle

✗ 2. Algebra : Geometry

✓ 3. Chemistry : Science

✗ 4. Biology : Astrology

Question ID : **314360107**
Status : **Answered**
Chosen Option : **3**

Q.12 Which two signs should be interchanged to make the given equation correct?

$121 + 11 - 42 \times 6 \div 7 = 83$

Ans ✗ 1. $-$ and $\div$

✗ 2. $+$ and $\div$

✓ 3. $\div$ and $\times$

✗ 4. $\times$ and $-$

Question ID : **314360118**
Status : **Answered**
Chosen Option : **3**

Q.13 Select the option in which the given figure is embedded (rotation is not allowed).

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.

Question ID : **314360123**
Status : **Answered**
Chosen Option : **1**

Q.14 Select the figure that can replace the question mark (?) in the following series.

Ans

✗ 1.

✗ 2.

✔ 3.

✗ 4.
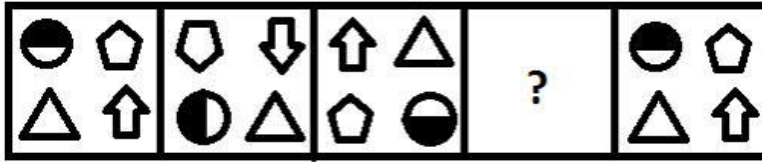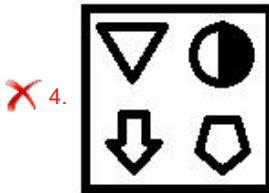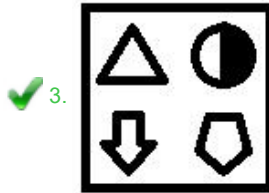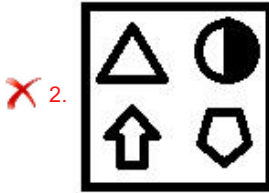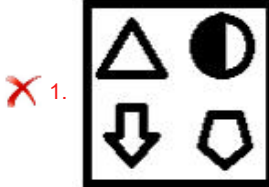
Question ID : **314360120**
Status : **Answered**
Chosen Option : **3**

Q.15 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. 10 : 123
      ✔ 2. 17 : 290
      ✗ 3. 14 : 227
      ✗ 4. 11 : 146

Question ID : **314360115**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.16 Select the option in which the number set shares the same relationship as that shared by the given number set.

(17, 24, 45)

Ans   ✗ 1. (18, 23, 46)

✗ 2. (19, 26, 34)

✗ 3. (15, 20, 43)

✔ 4. (12, 19, 40)

Question ID : **314360116**

Status : **Answered**

Chosen Option : **4**

Q.17 Read the given statement(s) 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 statement(s).

Statements:

All singers are dancers.

No dancer is a plumber.

Conclusions:

I. No plumber is a singer.

II. Some singers are plumbers.

III. Some dancers are singers.

Ans   ✗ 1. Only conclusion I follows.

✗ 2. Only conclusions II and III follow.

✔ 3. Only conclusions I and III follow.

✗ 4. Only conclusion II follows.

Question ID : **314360112**

Status : **Answered**

Chosen Option : **3**

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

1537, 1539, 1543, ?, 1557, 1567

Ans   ✗ 1. 1553

✗ 2. 1550

✗ 3. 1546

✔ 4. 1549

Question ID : **314360113**

Status : **Answered**

Chosen Option : **4**

Q.19 Four words have been given, out of which three are alike in some manner and one is different. Select the odd word.

Ans ✗ 1. Hyderabad

✔ 2. Aurangabad

✗ 3. Chennai

✗ 4. Gangtok

Question ID : **314360105**

Status : **Answered**

Chosen Option : **2**

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

DAG, FCI, ? , JGM, LIO

Ans ✗ 1. GDJ

✗ 2. IFL

✗ 3. HKE

✔ 4. HEK

Question ID : **314360110**

Status : **Answered**

Chosen Option : **4**

Q.21 'Wheat' is related to 'Bread' in the same way as 'Sugarcane' is related to '_____'.

Ans ✔ 1. Jaggery

✗ 2. Mayonnaise

✗ 3. Grass

✗ 4. Ketchup

Question ID : **314360106**

Status : **Answered**

Chosen Option : **1**

Q.22 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. FGL

✗ 2. ABF

✗ 3. IJN

✗ 4. MNR

Question ID : **314360104**

Status : **Answered**

Chosen Option : **1**

Q.23 Select the letter that can replace the question mark (?) in the following series.

A, E, J, ? , W

Ans   ✗ 1. R

            ✔ 2. P

            ✗ 3. S

            ✗ 4. Q

Question ID : **314360102**
Status : **Answered**
Chosen Option : **2**

Q.24 Three different positions of the same dice are shown. Select the symbol that will be on the face opposite to the one showing ' = '.

Ans   ✔ 1. $

            ✗ 2. #

            ✗ 3. %

            ✗ 4. *
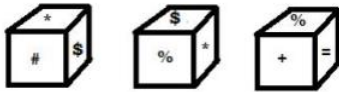
Question ID : **314360122**
Status : **Answered**
Chosen Option : **1**

Q.25 Study the given pattern carefully and select the number that can replace the question mark (?) in it.
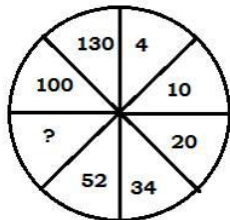
Ans   ✗ 1. 64

            ✗ 2. 96

            ✗ 3. 82

            ✔ 4. 74

Question ID : **314360117**
Status : **Not Answered**
Chosen Option : **--**

Section : **General Awareness**

Q.1 Four multi-storied illegal constructions - Jain Coral Cove, H20 Holy Faith, Alfa Serene and Golden Kayaloram - were razed to the ground in January 2020 following Supreme Court instructions. In which state did this happen?

Ans ✗ 1. Karnataka

✗ 2. Goa

✓ 3. Kerala

✗ 4. Tamil Nadu

Question ID : **314360151**

Status : **Not Answered**

Chosen Option : **--**

Q.2 Name the company that has acquired an online travel portal Yatra Online Inc., for an enterprise value of $337.8 million, in an all-stock transaction.

Ans ✗ 1. Make my trip.com

✗ 2. Trivago

✓ 3. Ebix Inc.

✗ 4. Trip Advisor

Question ID : **314360130**

Status : **Not Answered**

Chosen Option : **--**

Q.3 Which of the following is an INCORRECT sequence of Mughal rulers?

Ans ✗ 1. Jahangir, Shah Jahan, Aurangzeb

✓ 2. Akbar, Shah Jahan, Jahangir

✗ 3. Babur, Humayun, Akbar

✗ 4. Akbar, Jahangir, Shah Jahan

Question ID : **314360139**

Status : **Answered**

Chosen Option : **2**

Q.4 The recently revoked 'Article 370' is associated with which of these states of India?

Ans ✗ 1. Assam

✗ 2. Sikkim

✗ 3. Nagaland

✓ 4. Kashmir

Question ID : **314360149**

Status : **Answered**

Chosen Option : **4**

Q.5 Bhavai and Kalbelia as traditional dance forms, owe their genesis to which Indian state?

Ans ✗ 1. Punjab

✔ 2. Rajasthan

✗ 3. Assam

✗ 4. Odisha

Question ID : **314360128**

Status : **Answered**

Chosen Option : **2**

Q.6 Iranian Major General Qasem Soleimani was recently (2020) assassinated by the US military in _____.

Ans ✗ 1. United Arab Emirates

✔ 2. Iraq

✗ 3. Saudi Arabia

✗ 4. Pakistan

Question ID : **314360150**

Status : **Not Answered**

Chosen Option : **--**

Q.7 Who is the only scientist in the world to have won the Nobel prize in Chemistry twice?

Ans ✗ 1. Linus Carl Pauling

✗ 2. Roger D. Kornberg

✗ 3. Madame Curie

✔ 4. Frederick Sanger

Question ID : **314360133**

Status : **Answered**

Chosen Option : **3**

Q.8 The American scientist Edwin Hubble's name is associated with which of these theories?

Ans ✗ 1. Lattice Gauge Theory

✗ 2. Quantum Chromodynamics Theory

✗ 3. Partial Coherence of Light Theory

✔ 4. The Big Bang Theory

Question ID : **314360131**

Status : **Not Answered**

Chosen Option : **--**

Q.9 The city of Vijayawada lies on the banks of which of these rivers?

Ans
- ✗ 1. Mahanadi
- ✗ 2. Tapti
- ✓ 3. Krishna
- ✗ 4. Godavari

Question ID : **314360137**

Status : **Marked For Review**

Chosen Option : **3**

Q.10 Only one Indian batsman has scored a triple century in test cricket other than Virender Sehwag. Name this batsman.

Ans
- ✗ 1. Ajinkya Rahane
- ✗ 2. Rohit Sharma
- ✗ 3. Shikhar Dhawan
- ✓ 4. Karun Nair

Question ID : **314360148**

Status : **Not Answered**

Chosen Option : **--**

Q.11 What is the name of the phenomena in physics and astronomy which involves the splitting of a spectral line into two or more components of slightly different frequency when the light source is placed in a magnetic field?

Ans
- ✗ 1. Lumen Effect
- ✗ 2. Alpenglow Effect
- ✓ 3. Zeeman Effect
- ✗ 4. Raman Effect

Question ID : **314360135**

Status : **Marked For Review**

Chosen Option : **4**

Q.12 When does the entire earth experience equal days and nights?

Ans
- ✗ 1. Day of winter solstice
- ✗ 2. Day of summer solstice
- ✗ 3. At orbital plane
- ✓ 4. Day of equinox

Question ID : **314360136**

Status : **Answered**

Chosen Option : **4**

Q.13 Who among the following is the current (January 2020) Governor of Kerala?

Ans ✔ 1. Arif Mohammed Khan

✘ 2. Satya Pal Mallik

✘ 3. Lalji Tandon   www.exammix.com

✘ 4. B.D. Mishra

Question ID : **314360146**
Status : **Answered**
Chosen Option : **1**

Q.14 Name the two Indian actors who shared the National Best Actor Award (Male) in the 66th National Film Awards 2019.

Ans ✔ 1. Ayushmann Khurrana and Vicky Kaushal

✘ 2. Ranbir Kapoor and Akshay Kumar

✘ 3. Nana Patekar and Mohanlal

✘ 4. Amitabh Bachchan and Ranbir Kapoor

Question ID : **314360127**
Status : **Answered**
Chosen Option : **1**

Q.15 Former union minister and former Karnataka CM, D.V. Sadananda Gowda is a cabinet minister in the current central cabinet (February-2020). What is his portfolio?

Ans ✘ 1. Law and Justice

✔ 2. Chemicals and Fertilizers

✘ 3. Public Distribution

✘ 4. Tribal Affairs

Question ID : **314360145**
Status : **Marked For Review**
Chosen Option : **2**

Q.16 Who among the following is known as the 'father of Muslim renaissance' in Bengal?

Ans ✘ 1. Sir Sayed Ahmed Khan

✘ 2. Ameer Ali

✔ 3. Nawab Abdul Latif Khan

✘ 4. Nawab Salimullah Khan

Question ID : **314360140**
Status : **Answered**
Chosen Option : **1**

Q.17 Name the author of the 2019 released book - 'The Scent of God'.

Ans
  ✗ 1. Nayantara Sehgal

  ✗ 2. Githa Hariharan

  ✓ 3. Saikat Majumdar

  ✗ 4. Himanjali Sankar

Question ID : **314360144**
Status : **Not Answered**
Chosen Option : **--**

Q.18 What is the name of the phenomena (driven by the scattering of light) in which mountain tops acquire a rosy or orange hue around sunrise and sunset?

Ans
  ✗ 1. Brillouin scattering

  ✗ 2. Circle of confusion

  ✓ 3. Alpenglow

  ✗ 4. Barrel distortion

Question ID : **314360134**
Status : **Not Answered**
Chosen Option : **--**

Q.19 How many members did the International Monetary Fund (IMF) have as of January 2020?

Ans
  ✗ 1. 164

  ✗ 2. 174

  ✓ 3. 189

  ✗ 4. 182

Question ID : **314360129**
Status : **Answered**
Chosen Option : **3**

Q.20 The 3rd Khelo India Youth Games 2020 is hosted by which Indian state?

Ans
  ✓ 1. Assam

  ✗ 2. Kerala

  ✗ 3. Karnataka

  ✗ 4. Punjab

Question ID : **314360147**
Status : **Answered**
Chosen Option : **1**

Q.21 From which of the following states does 2019 Padma Vibhushan winner, Teejan Bai hail?

Ans ✔ 1. Chhattisgarh

 ✘ 2. Gujarat

 ✘ 3. Odisha

 ✘ 4. Telangana

Question ID : **314360143**

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

Chosen Option : **--**

Q.22 Which of these is the energy conversion that happens in the process called photosynthesis?

Ans ✘ 1. Potential energy to chemical energy

 ✔ 2. Light energy to chemical energy

 ✘ 3. Heat energy to chemical energy

 ✘ 4. Heat energy to light energy

Question ID : **314360132**

Status : **Answered**

Chosen Option : **2**

Q.23 Who was the then Governor-General of British India, when 'Sati Pratha' became illegal and punishable?

Ans ✘ 1. Lord Cornwallis

 ✘ 2. Lord Wellesley

 ✔ 3. Lord William Bentinck

 ✘ 4. Warren Hastings

Question ID : **314360141**

Status : **Answered**

Chosen Option : **3**

Q.24 Which of the following is an Indian Research Station in the Antarctica Region?

Ans ✘ 1. Orcadas

 ✔ 2. Maitri

 ✘ 3. Hope Bay

 ✘ 4. Mawson

Question ID : **314360138**

Status : **Answered**

Chosen Option : **2**

Q.25 Who is the author of the delightful and anecdotal history of Indian cricket titled - 'A Corner of a Foreign Field: The Indian History of a British Sport'?

Ans ✗ 1. Sanjay Singh

✓ 2. Ramachandra Guha

✗ 3. Bipin Chandra

✗ 4. Romila Thapar

Question ID : **314360142**

Status : **Not Answered**

Chosen Option : **--**

Section : **Quantitative Aptitude**

Q.1 The given table represents the production of different types of motorcycles (in thousands) over a period of six years. Study the table carefully and answer the question that follows.

Years → Motorcycles (type) ↓	2013	2014	2015	2016	2017	2018
A	95	84	85	89	80	98
B	98	87	89	88	96	92
C	104	89	95	92	100	110
D	103	100	102	95	104	120

During 2015, the production of which type of motorcycle was more than 25% of the total production of all types of motorcycles in 2017?

Ans ✗ 1. A

✗ 2. B

✗ 3. C

✓ 4. D

Question ID : **314360174**

Status : **Answered**

Chosen Option : **4**

Q.2 The average age of a number of persons in a group was calculated as 35 years, which was 2.5 years more than the correct average as there was an error in recording the age of two persons as 38.5 years and 40 years instead of 29 years and 22 years respectively. The number of persons in the group was:

Ans ✓ 1. 11

✗ 2. 12

✗ 3. 15

✗ 4. 13

Question ID : **314360155**

Status : **Answered**

Chosen Option : **1**

Q.3 If $sec\theta + tan\theta = p, 0° < \theta < 90°$, then $\frac{p^2-1}{p^2+1}$ is equal to:

Ans
  ✗ 1. $cosec\theta$
  ✓ 2. $sin\theta$
  ✗ 3. $cos\theta$
  ✗ 4. $2cosec\theta$

Question ID :	**314360172**
Status :	**Not Attempted and Marked For Review**
Chosen Option :	**--**

Q.4 The chords AB and CD of a circle intersect at E. If AE = 12 cm, BE = 20.25 cm and CE = 3 DE, then the length (in cm) of CE is:

Ans
  ✓ 1. 27
  ✗ 2. 25.5
  ✗ 3. 18
  ✗ 4. 28.5

Question ID :	**314360167**
Status :	**Answered**
Chosen Option :	**1**

Q.5 If $x + y + z = 3$, and $x^2 + y^2 + z^2 = 101$, then what is the value of $\sqrt{x^3 + y^3 + z^3 - 3xyz}$?

Ans
  ✗ 1. 19
  ✓ 2. 21
  ✗ 3. 24
  ✗ 4. 28

Question ID :	**314360165**
Status :	**Not Answered**
Chosen Option :	**--**

Q.6 If $12x^2 - 21x + 1 = 0$, then what is the value of $9x^2 + (16x^2)^{-1}$?

Ans
  ✗ 1. $\frac{429}{8}$

  ✗ 2. $\frac{465}{16}$

  ✓ 3. $\frac{417}{16}$

  ✗ 4. $\frac{453}{8}$

Question ID :	**314360164**
Status :	**Not Attempted and Marked For Review**
Chosen Option :	**--**

Q.7 A sum of ₹ x was divided between A, B, C and D in the ratio $\frac{1}{3}:\frac{1}{5}:\frac{1}{6}:\frac{1}{9}$. If the difference between the shares of B and D is ₹832, then the value of x is:

Ans ✔ 1. ₹7,592

✘ 2. ₹7,384

✘ 3. ₹7,696

✘ 4. ₹7,488

Question ID : 314360158

Status : **Answered**

Chosen Option : **1**

Q.8 The area of a field in the shape of a regular hexagon is $2400\sqrt{3}$ m². The cost of fencing the field at ₹16.80/metre is:

Ans ✘ 1. ₹4,536

✘ 2. ₹3,024

✔ 3. ₹4,032

✘ 4. ₹3,528

Question ID : 314360162

Status : **Answered**

Chosen Option : **3**

Q.9 Places A and B are 144 km apart. Two cars start simultaneously, one from A and the other from B. If they move in the same direction, they meet after 12 hours, but if they move towards each other they meet after $\frac{9}{8}$ hours. The speed (in km/h) of the car moving at a faster speed, is:

Ans ✔ 1. 70

✘ 2. 72

✘ 3. 60

✘ 4. 64

Question ID : 314360161

Status : **Answered**

Chosen Option : **1**

Q.10 A, B and C donate 8%, 7% and 9%, of their salaries, respectively to a charitable trust. The salaries of A and B are same and the difference between their donations is ₹259. The total donation of A and B is ₹1,185 more than that of C. The total donation of A and C is what percentage of the total salaries of A, B and C? (Correct to one decimal place)

Ans ✘ 1. 6.2%

✔ 2. 5.8%

✘ 3. 6.4%

✘ 4. 7.1%

Question ID : 314360156

Status : **Not Answered**

Chosen Option : **--**

Q.11 Four men and 6 women can complete a certain piece of work in 5 days whereas three men and 4 women can complete it in 7 days. How many men should assist 25 women to complete $2\frac{1}{2}$ times the same work in 5 days?

Ans
✗ 1. 8

✗ 2. 10

✗ 3. 4

✔ 4. 5

Question ID : **314360160**

Status : **Answered**

Chosen Option : **4**

Q.12 In $\triangle ABC$, $\angle B = 72°$ and $\angle C = 44°$. Side BC is produced to D. The bisectors of $\angle B$ and $\angle ACD$ meet at E. What is the measure of $\angle BEC$?

Ans
✗ 1. 58°

✗ 2. 46°

✔ 3. 32°

✗ 4. 36°

Question ID : **314360169**

Status : **Answered**

Chosen Option : **3**

Q.13 In $\triangle ABC$, AC = 8.4 cm and BC = 14 cm. P is a point on AB such that CP = 11.2 cm and $\angle ACP = \angle B$. What is the length (in cm) of BP?

Ans
✗ 1. 4.12

✗ 2. 2.8

✔ 3. 3.78

✗ 4. 3.6

Question ID : **314360168**

Status : **Not Answered**

Chosen Option : **--**

Q.14 If $2x^2 + y^2 + 8z^2 - 2\sqrt{2}xy + 4\sqrt{2}yz - 8zx = (Ax + y + Bz)^2$, then the value of $(A^2 + B^2 - AB)$ is:

Ans
✗ 1. 16

✔ 2. 14

✗ 3. 6

✗ 4. 18

Question ID : **314360163**

Status : **Not Answered**

Chosen Option : **--**

Q.15 How many numbers are there from 200 to 800 which are neither divisible by 5 nor by 7?

Ans ✗ 1. 407

✗ 2. 410

✗ 3. 413

✔ 4. 411

Question ID : **314360152**

Status : **Not Answered**

Chosen Option : **--**

Q.16 The value of $\dfrac{8\div[(8-3)\div\{(4\div4\ of\ 8)+4-4\times4\div8\}-2]}{8\times8\div4-8\div8\ of\ 2-7}$ is:

Ans ✗ 1. $\dfrac{17}{8}$

✔ 2. $\dfrac{8}{3}$

✗ 3. $\dfrac{16}{170}$

✗ 4. $\dfrac{2}{17}$

Question ID : **314360153**

Status : **Not Answered**

Chosen Option : **--**

Q.17 The given table represents the production of different types of motorcycles (in thousands) over a period of six years.
Study the table carefully and answer the question that follows.

Years → Motorcycles (type) ↓	2013	2014	2015	2016	2017	2018
A	95	84	85	89	80	98
B	98	87	89	88	96	92
C	104	89	95	92	100	110
D	103	100	102	95	104	120

What is the percentage increase in the total production of all types of motorcycles from 2014 to 2018?

Ans ✗ 1. $14\frac{3}{7}$

✗ 2. $17\frac{1}{3}$

✔ 3. $16\frac{2}{3}$

✗ 4. $14\frac{2}{7}$

Question ID : **314360175**

Status : **Answered**

Chosen Option : **3**

Q.18 The given table represents the production of different types of motorcycles (in thousands) over a period of six years.
Study the table carefully and answer the question that follows.

Years → Motorcycles (type) ↓	2013	2014	2015	2016	2017	2018
A	95	84	85	89	80	98
B	98	87	89	88	96	92
C	104	89	95	92	100	110
D	103	100	102	95	104	120

By what percentage is the total production of type A motorcycles over six years, less than the total production of all types of motorcycles in 2013 and 2016?

Ans

✗ 1. 32.2

✗ 2. 32.8

✗ 3. 31.6

✔ 4. 30.5

Question ID : **314360176**
Status : **Not Answered**
Chosen Option : **--**

Q.19 Two circles of radii 7 cm and 5 cm intersect each other at A and B, and the distance between their centres is 10 cm. The length (in cm) of the common chord AB is:

Ans

✗ 1. $\dfrac{3\sqrt{66}}{5}$

✔ 2. $\dfrac{4\sqrt{66}}{5}$

✗ 3. $\dfrac{2\sqrt{74}}{5}$

✗ 4. $\dfrac{3\sqrt{74}}{5}$

Question ID : **314360166**
Status : **Not Answered**
Chosen Option : **--**

Q.20 If the selling price of an article is 8% more than the cost price and the discount offered is 10% on the marked price of the article, then what is the ratio of the cost price to the marked price?

Ans

✔ 1. 5 : 6

✗ 2. 8 : 9

✗ 3. 3 : 4

✗ 4. 4 : 5

Question ID : **314360154**
Status : **Not Answered**
Chosen Option : **--**

Q.21 The given table represents the production of different types of motorcycles (in thousands) over a period of six years.
Study the table carefully and answer the question that follows.

Years → Motorcycles (type) ↓	2013	2014	2015	2016	2017	2018
A	95	84	85	89	80	98
B	98	87	89	88	96	92
C	104	89	95	92	100	110
D	103	100	102	95	104	120

What is the ratio of the total number of motorcycles of type B produced in 2016 and 2018 to the total number of motorcycles of type D produced in 2013, 2015 and 2016?

Ans   ✗ 1. 1 : 2

   ✗ 2. 3 : 4

   ✔ 3. 3 : 5

   ✗ 4. 2 : 3

Question ID : **314360173**
Status : **Not Answered**
Chosen Option : **--**

Q.22 A sum of ₹8,000 invested at 10% p.a. amounts to ₹9,261 in a certain time, interest compounded half-yearly. What will be the compound interest (in ₹) on the same sum for the same time at double the earlier rate of interest, when interest is compounded annually?

Ans   ✗ 1. ₹2,520

   ✗ 2. ₹2,480

   ✔ 3. ₹2,560

   ✗ 4. ₹2,500

Question ID : **314360159**
Status : **Not Answered**
Chosen Option : **--**

Q.23 A sells an article to B at a loss of 20%, B sells it to C at a profit of 12.5% and C sells it to D at a loss of 8%. If D buys it for ₹248.40, then what is the difference between the loss incurred by A and C?

Ans   ✗ 1. ₹36.80

   ✔ 2. ₹38.40

   ✗ 3. ₹42.60

   ✗ 4. ₹39.20

Question ID : **314360157**
Status : **Not Answered**
Chosen Option : **--**

Q.24 If $7cos^2\theta + 3sin^2\theta = 6$, $0° < \theta < 90°$, then the value of $\frac{cot^2 2\theta + sec^2 2\theta}{tan^2 2\theta - sin^2 2\theta}$ is:

Ans

✔ 1. $\frac{52}{27}$

✘ 2. $\frac{26}{15}$

✘ 3. $\frac{28}{27}$

✘ 4. $\frac{49}{45}$

Question ID : **314360170**

Status : **Not Answered**

Chosen Option : **--**

Q.25 The value of $\frac{(\cos 9° + \sin 81°)(\sec 9° + \csc 81°)}{2 \sin^2 63° + 1 + 2 \sin^2 27°}$ is:

Ans

✘ 1. $\frac{1}{2}$

✔ 2. $\frac{4}{3}$

✘ 3. 2

✘ 4. 1

Question ID : **314360171**

Status : **Not Answered**

Chosen Option : **--**

Section : **English Comprehension**

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

Being a millionaire, he is leading a _____ life.

Ans

✘ 1. expensive

✘ 2. conducive

✘ 3. destitute

✔ 4. luxurious

Question ID : **314360201**

Status : **Answered**

Chosen Option : **4**

Q.2 Select the most appropriate ANTONYM of the given word.

Sparse

Ans ✗ 1. Costly

✗ 2. Tranquil

✗ 3. Scanty

✔ 4. Abundant

Question ID : **314360194**
Status : **Answered**
Chosen Option : **4**

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

Did the problems you had to face discourage you?

Ans ✗ 1. Are you being discouraged by the problems you had to face?

✗ 2. Have you been discouraged by the problems you have to face?

✗ 3. Are you discouraged by the problems you had to face?

✔ 4. Were you discouraged by the problems you had to face?

Question ID : **314360179**
Status : **Answered**
Chosen Option : **4**

Q.4 Select the word which means the same as the group of words given.

One who is preoccupied with his own interests

Ans ✔ 1. Egoist

✗ 2. Pessimist

✗ 3. Atheist

✗ 4. Optimist

Question ID : **314360198**
Status : **Answered**
Chosen Option : **1**

Q.5 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

A. Upon returning from his travels, he was forced to live in a house where his large family lived.
B. Vaikom Muhammad Basheer was a Malayalam fiction writer from Vaikom in Kerala.
C. The household was always noisy and full of chaos, no place for a writer surely!
D. Apart from family members, myriads of domestic animals also treated the house as their own.

Ans ✗ 1. BCAD

✗ 2. BCDA

✔ 3. BADC

✗ 4. BDCA

Question ID : **314360190**
Status : **Answered**
Chosen Option : **3**

Q.6 Select the INCORRECTLY spelt word.

Ans ✗ 1. Ignorance

✗ 2. Influence

✔ 3. Itinerent

✗ 4. Impeach

Question ID : **314360200**

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

Chosen Option : **--**

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.

Milton Hershey returned to the village where he had been born, in the heart of dairy country. He opened his chocolate manufacturing plant (1)_____ 1905. With access to all the fresh milk he (2)_____, he began producing the finest milk chocolate. The plant (3)_____ opened in a small Pennsylvania village is today the (4)_____ chocolate factory in the world. The confections created here are (5)_____ around the world.

SubQuestion No : 7

Q.7 Select the most appropriate option to fill in blank 1.

Ans ✗ 1. to

✗ 2. at

✔ 3. in

✗ 4. on

Question ID : **314360184**

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.

Milton Hershey returned to the village where he had been born, in the heart of dairy country. He opened his chocolate manufacturing plant (1)_____ 1905. With access to all the fresh milk he (2)_____, he began producing the finest milk chocolate. The plant (3)_____ opened in a small Pennsylvania village is today the (4)_____ chocolate factory in the world. The confections created here are (5)_____ around the world.

SubQuestion No : 8

Q.8 Select the most appropriate option to fill in blank 2.

Ans ✗ 1. considered

✗ 2. kneaded

✗ 3. distributed

✔ 4. needed

Question ID : **314360185**

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.

Milton Hershey returned to the village where he had been born, in the heart of dairy country. He opened his chocolate manufacturing plant (1)_____ 1905. With access to all the fresh milk he (2)_____, he began producing the finest milk chocolate. The plant (3)_____ opened in a small Pennsylvania village is today the (4)_____ chocolate factory in the world. The confections created here are (5)_____ around the world.

SubQuestion No : 9

Q.9 **Select the most appropriate option to fill in blank 3.**

Ans ✔️ 1. that

✗ 2. when

✗ 3. who

✗ 4. what

Question ID : **314360186**
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.

Milton Hershey returned to the village where he had been born, in the heart of dairy country. He opened his chocolate manufacturing plant (1)_____ 1905. With access to all the fresh milk he (2)_____, he began producing the finest milk chocolate. The plant (3)_____ opened in a small Pennsylvania village is today the (4)_____ chocolate factory in the world. The confections created here are (5)_____ around the world.

SubQuestion No : 10

Q.10 **Select the most appropriate option to fill in blank 4.**

Ans ✗ 1. large

✗ 2. most largest

✔️ 3. largest

✗ 4. larger

Question ID : **314360187**
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.

Milton Hershey returned to the village where he had been born, in the heart of dairy country. He opened his chocolate manufacturing plant (1)_____ 1905. With access to all the fresh milk he (2)_____, he began producing the finest milk chocolate. The plant (3)_____ opened in a small Pennsylvania village is today the (4)_____ chocolate factory in the world. The confections created here are (5)_____ around the world.

SubQuestion No : 11

Q.11 Select the most appropriate option to fill in blank 5.

Ans   ✗ 1. choices

       ✓ 2. favourites

       ✗ 3. collections

       ✗ 4. selections

Question ID : **314360188**

Status : **Answered**

Chosen Option : **2**

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

Children under five years are _____ from passport biometrics.

Ans   ✗ 1. acquitted

       ✓ 2. exempted

       ✗ 3. escaped

       ✗ 4. allowed

Question ID : **314360202**

Status : **Answered**

Chosen Option : **2**

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

A geometrical figure with eight sides

Ans   ✓ 1. Octagon

       ✗ 2. Pentagon

       ✗ 3. Hexagon

       ✗ 4. Heptagon

Question ID : **314360197**

Status : **Answered**

Chosen Option : **1**

Q.14 Select the most appropriate meaning of the given idiom.

Bring to light

Ans
✔ 1. Reveal clearly

✘ 2. Cheer someone

✘ 3. Praise in public

✘ 4. Brighten up

Question ID : **314360195**

Status : **Answered**

Chosen Option : **1**

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

Fury

Ans
✘ 1. Sin

✘ 2. Risk

✔ 3. Anger

✘ 4. Crime

Question ID : **314360191**

Status : **Answered**

Chosen Option : **3**

Q.16 Select the most appropriate meaning of the given idiom.

Hold water

Ans
✘ 1. To be fickle

✘ 2. To be busy

✔ 3. To be valid

✘ 4. To be deep

Question ID : **314360196**

Status : **Answered**

Chosen Option : **3**

Q.17 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution'.

Your advice will <u>benefit to me</u>.

Ans
✘ 1. benefit from me

✔ 2. benefit me

✘ 3. No substitution

✘ 4. benefit for me

Question ID : **314360181**

Status : **Answered**

Chosen Option : **2**

Q.18 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No substitution.

<u>Where you left</u> your bag yesterday?

Ans ✗ 1. No substitution

✗ 2. Where did you left

✗ 3. Where were you leaving

✓ 4. Where did you leave

Question ID : **314360182**
Status : **Answered**
Chosen Option : **4**

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

Friendship

Ans ✓ 1. Enmity

✗ 2. Amity

✗ 3. Slavery

✗ 4. Arrogance

Question ID : **314360193**
Status : **Answered**
Chosen Option : **1**

Q.20 Select the correct indirect form of the given sentence.

The lawyer said to me, "There is no proof of your involvement in this case."

Ans ✗ 1. The lawyer told that there is no proof of my involvement in that case.

✓ 2. The lawyer told me that there was no proof of my involvement in that case.

✗ 3. The lawyer told me that there is no proof of your involvement in this case.

✗ 4. The lawyer said me that there was no proof of my involvement in this case.

Question ID : **314360180**
Status : **Answered**
Chosen Option : **2**

Q.21 In the sentence identify the segment which contains the grammatical error.

I am believing you have submitted all the necessary documents.

Ans ✓ 1. I am believing

✗ 2. necessary documents

✗ 3. you have submitted

✗ 4. all the

Question ID : **314360177**
Status : **Answered**
Chosen Option : **1**

Q.22 In the sentence identify the segment which contains the grammatical error.

No sooner did we receive your message when we heaved a sigh of relief.

Ans   ✗ 1. did we receive

     ✗ 2. a sigh of relief

     ✗ 3. your message

     ✔ 4. when we heaved

> Question ID : **314360178**
> Status : **Answered**
> Chosen Option : **4**

Q.23 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

A. Even the most ill-equipped laboratory would have been better than their shed.
B. Thus, they did not allow any difficulties to come in their way.
C. But their mind was set upon the discovery of radium.
D. The Curies had to work in extreme poverty.

Ans   ✔ 1. DACB

     ✗ 2. ABCD

     ✗ 3. ADBC

     ✗ 4. DBCA

> Question ID : **314360189**
> Status : **Answered**
> Chosen Option : **1**

Q.24 Select the most appropriate synonym of the given word.

Solitary

Ans   ✔ 1. Singular

     ✗ 2. Stubborn

     ✗ 3. Splendid

     ✗ 4. Sensible

> Question ID : **314360192**
> Status : **Answered**
> Chosen Option : **1**

Q.25 Select the INCORRECTLY spelt word.

Ans   ✔ 1. Diliver

     ✗ 2. Denial

     ✗ 3. Decision

     ✗ 4. Deter

> Question ID : **314360199**
> Status : **Answered**
> Chosen Option : **1**