3/15/2020

Combined Graduate Level Examination-2019 (Tier-I)

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Subject	CGLE Tier I

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Section : **General Intelligence and Reasoning**

Q.1 Which two numbers should be interchanged to make the given equation correct?

$$9 + 7 \times 5 - 18 \div 2 = 3 \times 4 - 10 + 45 \div 5$$

Ans ✗ 1. 18 and 45

✓ 2. 7 and 4

✗ 3. 2 and 5

✗ 4. 9 and 3

Question ID : **12356814**
Status : **Not Answered**
Chosen Option : **--**

Q.2 Arrange the following words in the order in which they appear in an English dictionary.

1. Rightly
2. Rigidly
3. Righteous
4. Rigour
5. Rights

Ans ✗ 1. 3, 5, 1, 4, 2

✗ 2. 3, 1, 5, 4, 2

✓ 3. 3, 1, 5, 2, 4

✗ 4. 1, 3, 5, 2, 4

Question ID : **1235682**
Status : **Answered**
Chosen Option : **3**

Q.3 Which of the option figures is the exact mirror image of the given figure when the mirror is held at the right side?

RST2PK9LOX

Ans ✗ 1. XO１9ЄꞰ9ТꙄЯ

✗ 2. ЯꙄТꙄᑫꝀƎꞀOX

✗ 3. ꞀꙄТꙄᑫꝀƎꞀOX

✓ 4. XOꞀ9ꝀᑫꙄТꙄЯ

Question ID : **12356823**
Status : **Answered**
Chosen Option : **4**

Q.4 The ratio of the present ages of Asha and Lata is 5 : 6. If the difference between their ages is 6 years, then what will be Lata's age will be after 5 years?

Ans
  ✗ 1. 35

  ✓ 2. 41

  ✗ 3. 45

  ✗ 4. 40

Question ID : **12356818**
Status : **Answered**
Chosen Option : **1**

Q.5 Select the option in which the numbers are related in the same way as are the numbers in the given set.

(269, 278, 296)

Ans
  ✓ 1. (313, 322, 340)

  ✗ 2. (577, 586, 598)

  ✗ 3. (419, 430, 448)

  ✗ 4. (109, 118, 128)

Question ID : **12356815**
Status : **Answered**
Chosen Option : **1**

Q.6 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. BYGT

  ✗ 2. NMSH

  ✓ 3. FVKO

  ✗ 4. DWIR

Question ID : **1235683**
Status : **Answered**
Chosen Option : **3**

Q.7 Amit is the brother of Sonia. Jyoti is the sister of Nikita. Sonia is the daughter of Satish's father. Nikita is the daughter of Kavinder. Jyoti is the mother of Amit. Mukesh is Nikita's only sister's husband. How is Satish related to Kavinder?

Ans
  ✗ 1. Son

  ✗ 2. Brother

  ✓ 3. Grandson

  ✗ 4. Son-in-law

Question ID : **12356810**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.8 Four words have been given, out of which three are alike in some manner, while one is different. Select the odd word.

Ans
✗ 1. Ferry

✗ 2. Yacht

✓ 3. Submarine

✗ 4. Ship

Question ID : **1235684**
Status : **Answered**
Chosen Option : **3**

Q.9 In a certain code language, WARDROBE is written as YXVYXHJV. How will ACCURATE be written as in that language?

Ans
✗ 1. BZHPXTBV

✗ 2. CZHPYTBV

✓ 3. CZGPXTBV

✗ 4. DZGPXTBV

Question ID : **1235687**
Status : **Not Answered**
Chosen Option : **--**

**Q.10** Select the number that can replace the question mark (?) in the following series.

17, 21, 30, 46, 71, ?

Ans
✗ 1. 105

✗ 2. 96

✓ 3. 107

✗ 4. 101

Question ID : **12356812**
Status : **Answered**
Chosen Option : **3**

Q.11 The given Venn diagram represents employees in an organisation:

The triangle represents executives, the circle represents females, the rectangle represents MBAs and the square represents technical staff. The numbers given in the diagram represent the number of persons in that particular category.
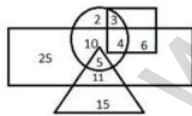
How many female executives are there in the organisation?

Ans
✗ 1. 10

✓ 2. 5

✗ 3. 15

✗ 4. 11

Question ID : **12356825**
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. Some animals are elephants.

2. Some elephants are tigers.

Conclusions:
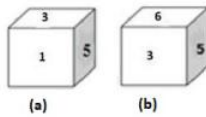
I. Some animals are tigers.

II. No tiger is an animal.

Ans ✗ 1. Only conclusion I follows.

✔ 2. Either conclusion I or II follows.

✗ 3. Neither conclusion I nor II follows.

✗ 4. Only conclusion II follows.

Question ID : **12356811**
Status : **Answered**
Chosen Option : **3**

Q.13 Two positions of the same dice are shown. Select the number that will be on the face opposite to the one showing 6.

Ans ✗ 1. 4

✗ 2. 5

✔ 3. 1

✗ 4. 3

Question ID : **12356821**
Status : **Answered**
Chosen Option : **3**

Q.14 Select the set of letters that when sequentially placed in the blanks of the given letter series will complete the series.
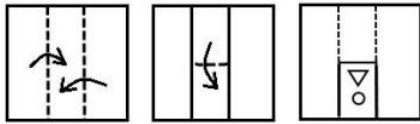
k_lmml_mk_mmk_lkkl_m

Ans ✗ 1. k, l, m, k, k

✗ 2. l, k, m, k, k

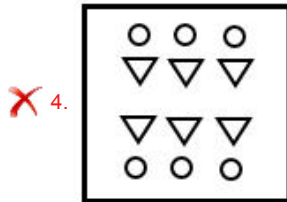✔ 3. k, l, k, l, m
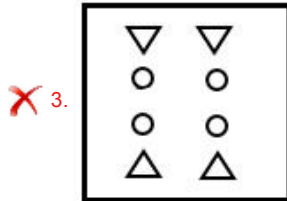
✗ 4. k, m, m, k, l

Question ID : **1235689**
Status : **Not Answered**
Chosen Option : **--**

Q.15 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?

Ans
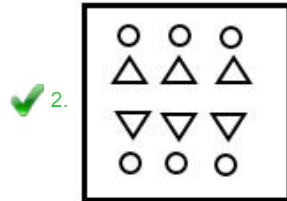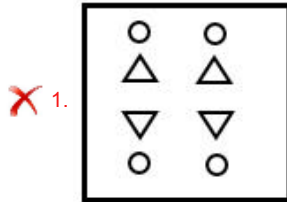
Question ID : **12356824**
Status : **Answered**
Chosen Option : **2**

Q.16 Select the option that is related to the third word in the same way as the second word is related to the first word.

Medicine : Disease :: Food : ?

Ans ✗ 1. Energy

✗ 2. Nutrition

✗ 3. Thirst

✓ 4. Hunger

Question ID : **1235685**
Status : **Answered**
Chosen Option : **4**

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

CXB, HUI, MRP, ROW, ?

Ans ✘ 1. VKD

✘ 2. VKC

✘ 3. WLZ

✔ 4. WLD

Question ID : **1235681**
Status : **Not Answered**
Chosen Option : **--**

Q.18 In a certain code language, 'HARVEST' is coded as '22-21-7-24-20-3-10'. How will 'FARMER' be coded as in that language?

Ans ✘ 1. 20-7-14-21-3-8

✘ 2. 19-7-15-19-3-8

✘ 3. 19-7-15-20-3-7

✔ 4. 20-7-15-20-3-8

Question ID : **1235688**
Status : **Not Answered**
Chosen Option : **--**

Q.19 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.

12 : 72 :: 18 : ? :: 22 : 242

Ans ✔ 1. 162

✘ 2. 164

✘ 3. 140

✘ 4. 160

Question ID : **12356813**
Status : **Answered**
Chosen Option : **1**

Q.20 Select the option in which the words share the same relationship as that shared by the given pair of words.

Clock : Time

Ans ✔ 1. Ammeter : Current

✘ 2. Taseometer : Wind

✘ 3. Balance : Scale

✘ 4. Anemometer : Strains

Question ID : **1235686**
Status : **Answered**
Chosen Option : **1**

Q.21 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

6	21	14
40	500	?
8	25	7

Ans ✗ 1. 98

✗ 2. 84

✔ 3. 91

✗ 4. 78

Question ID : **12356816**

Status : **Answered**

Chosen Option : **2**

Q.22 How many rectangles are there in the given figure?
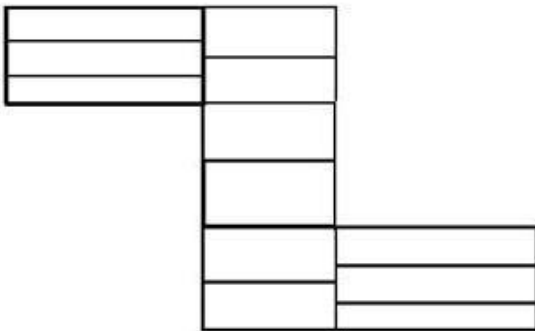
Ans ✗ 1. 34

✗ 2. 32

✗ 3. 30

✔ 4. 33

Question ID : **12356820**

Status : **Not Answered**

Chosen Option : **--**

Q.23 Select the option figure in which the given figure is embedded (rotation is NOT allowed).

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.
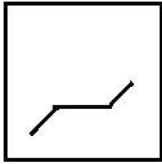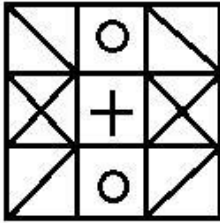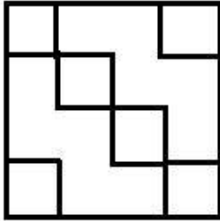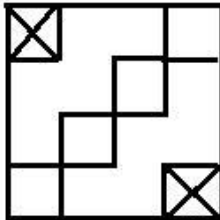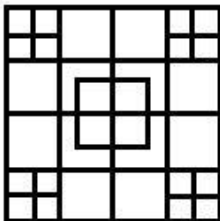
Question ID : **12356822**

Status : **Answered**

Chosen Option : **1**

Q.24 In the following equations, if '+' is interchanged with '−' and '6' is interchanged with '7', then which equation would be correct?

Ans

✔ 1. $67 - 76 + 43 = 100$

✘ 2. $76 - 75 + 77 = 56$

✘ 3. $62 - 67 + 76 = 83$

✘ 4. $78 - 68 + 66 = 59$

Question ID : **12356817**

Status : **Not Answered**

Chosen Option : **--**

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

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.
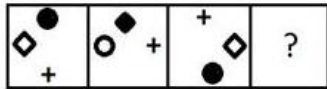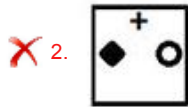
Question ID : **12356819**
Status : **Not Answered**
Chosen Option : **--**

Section : **General Awareness**

Q.1 Red worms have a structure named _____ which helps them in grinding their food.

Ans   ✘ 1. Esophagus

✘ 2. Intestine

✘ 3. Crop

✔ 4. Gizzard

Question ID : **12356831**
Status : **Not Answered**
Chosen Option : **--**

Q.2 Prolific Indian painter Maqbool Fida Husain predominantly used which of these animals to depict a lively and free spirit in his paintings?

Ans   ✘ 1. Elephants

✔ 2. Horses

✘ 3. Cows

✘ 4. Tigers

Question ID : **12356827**
Status : **Not Answered**
Chosen Option : **--**

Q.3 **Sultan Qaboos bin Said of _____, the Arab world's longest-serving ruler and with a reputation for quiet diplomacy passed away recently (2020).**

Ans   ✗ 1. Abu Dhabi

   ✓ 2. Oman

   ✗ 3. Dubai

   ✗ 4. Kuwait

Question ID : **12356850**
Status : **Answered**
Chosen Option : **2**

Q.4 **Which of these institutions fixes the Repo Rate and the Reverse Repo Rate in India?**

Ans   ✗ 1. Comptroller and Auditor General of India

   ✓ 2. Reserve Bank of India

   ✗ 3. Ministry of Finance

   ✗ 4. State Bank of India

Question ID : **12356829**
Status : **Answered**
Chosen Option : **2**

Q.5 **Sir Thomas Roe came as an official ambassador from King James I of England to which Mughal emperor's court?**

Ans   ✗ 1. Akbar

   ✗ 2. Aurangzeb

   ✗ 3. Shah Jahan

   ✓ 4. Jahangir

Question ID : **12356838**
Status : **Answered**
Chosen Option : **4**

Q.6 **What is the more common name for solid carbon dioxide?**

Ans   ✗ 1. Epsom

   ✓ 2. Dry Ice

   ✗ 3. Potash

   ✗ 4. Quick Silver

Question ID : **12356830**
Status : **Answered**
Chosen Option : **2**

Q.7 **As on January 2020, Shri Bhupesh Baghel is the Chief Minister of which of the following states?**

Ans   ✗ 1. Odisha

   ✓ 2. Chhattisgarh

   ✗ 3. Jharkhand

   ✗ 4. Haryana

Question ID : **12356845**
Status : **Answered**
Chosen Option : **2**

Q.8 **Name the media company that purchased the legendary studio of 21st Century Fox.**

Ans   ✗ 1. Time Warner

         ✗ 2. Viacom

         ✗ 3. Sony

         ✔ 4. Disney

	Question ID : **12356828**
	Status : **Answered**
	Chosen Option : **4**

Q.9 **Who among the following played the leading lady in the film 'Mission Mangal' that tells the dramatic true story of the women behind India's first mission to Mars?**

Ans   ✗ 1. Deepika Padukone

         ✗ 2. Kareena Kapoor

         ✔ 3. Vidya Balan

         ✗ 4. Kajol

	Question ID : **12356826**
	Status : **Answered**
	Chosen Option : **3**

Q.10 **For which of the following sports was Dronavalli Harika, conferred with the prestigious Padma Shri award?**

Ans   ✔ 1. Chess

         ✗ 2. Badminton

         ✗ 3. Archery

         ✗ 4. Cricket

	Question ID : **12356847**
	Status : **Answered**
	Chosen Option : **3**

Q.11 **From India, who inaugurated the Kartarpur Corridor and flagged off the first set of pilgrims to the final resting place of Sikhism founder Guru Nanak Dev?**

Ans   ✔ 1. Narendra Modi

         ✗ 2. Amarinder Singh

         ✗ 3. Ram Nath Kovind

         ✗ 4. Manmohan Singh

	Question ID : **12356848**
	Status : **Answered**
	Chosen Option : **1**

Q.12 **Who is the first and currently the only batsman to score double hundreds in four consecutive test series?**

Ans   ✗ 1. A.B. de Villiers

         ✗ 2. Rohit Sharma

         ✔ 3. Virat Kohli

         ✗ 4. Brian Lara

	Question ID : **12356846**
	Status : **Answered**
	Chosen Option : **3**

Q.13 The ruins of the ancient city of Hampi - capital of Vijayanagara - is located in which present day Indian state?

Ans   ✗ 1. Haryana

   ✗ 2. Bihar

   ✔ 3. Karnataka

   ✗ 4. Telangana

Question ID : **12356835**
Status : **Answered**
Chosen Option : **3**

Q.14 In which year Sanchi was discovered after being abandoned for nearly 600 Years?

Ans   ✗ 1. 1820

   ✔ 2. 1818

   ✗ 3. 1814

   ✗ 4. 1816

Question ID : **12356841**
Status : **Not Answered**
Chosen Option : **--**

Q.15 Kolathunadu, Valluvanad and Thekkumkoor were ancient small-time kingdoms in which state of India?

Ans   ✗ 1. Karnataka

   ✗ 2. Gujarat

   ✗ 3. Bihar

   ✔ 4. Kerala

Question ID : **12356840**
Status : **Answered**
Chosen Option : **4**

Q.16 What is the uniform GST rate that has been fixed up for lottery prizes by the GST Council?

Ans   ✔ 1. 28 %

   ✗ 2. 18 %

   ✗ 3. 10 %

   ✗ 4. 32 %

Question ID : **12356849**
Status : **Answered**
Chosen Option : **2**

Q.17 As of February 2020, who is the President of Sri Lanka?

Ans   ✔ 1. Gotabaya Rajapaksa

   ✗ 2. Chandrika Kumaratunga

   ✗ 3. Maithripala Sirisena

   ✗ 4. D.M. Jayaratne

Question ID : **12356844**
Status : **Answered**
Chosen Option : **1**

Q.18 Which of the following books is NOT written by Salman Rushdie?

Ans   ✔ 1. An Area of Darkness

       ✘ 2. Shame

       ✘ 3. Midnight's Children

       ✘ 4. The Satanic Verses

Question ID : **12356843**
Status : **Answered**
Chosen Option : **4**

Q.19 Which of these bones is NOT a part of the human ear?

Ans   ✘ 1. Malleus

       ✘ 2. Stapes

       ✔ 3. Femur

       ✘ 4. Incus

Question ID : **12356832**
Status : **Answered**
Chosen Option : **3**

Q.20 The Araku Valley, a tourist resort, is located near which of these cities of South India?

Ans   ✔ 1. Visakhapatnam

       ✘ 2. Madurai

       ✘ 3. Kochi

       ✘ 4. Mangalore

Question ID : **12356837**
Status : **Not Answered**
Chosen Option : **--**

Q.21 Veteran freedom fighter, social reformer and feminist Savithribai Phule hailed from which of the following states of India?

Ans   ✘ 1. Odisha

       ✘ 2. Gujarat

       ✘ 3. Rajasthan

       ✔ 4. Maharashtra

Question ID : **12356839**
Status : **Answered**
Chosen Option : **4**

Q.22 Name the author who won the Sahitya Akademi Award 2019 for his book - An Era of Darkness: The British Empire in India.

Ans   ✘ 1. Ramchandra Guha

       ✔ 2. Shashi Tharoor

       ✘ 3. Romila Thapar

       ✘ 4. Vikram Seth

Question ID : **12356842**
Status : **Not Answered**
Chosen Option : **--**

Q.23 Which of these words refers to the scientific study of domestic dogs?

Ans ✗ 1. Craniology

✗ 2. Chrematistics

✗ 3. Carpology

✓ 4. Cynology

Question ID : **12356834**
Status : **Not Answered**
Chosen Option : **--**

Q.24 Name the physicist who is credited with the discovery of the Neutron. This 1932 discovery led to his winning the Nobel Prize.

Ans ✗ 1. Enrico Fermi

✗ 2. J.S. Fleming

✓ 3. James Chadwick

✗ 4. Max Plank

Question ID : **12356833**
Status : **Answered**
Chosen Option : **3**

Q.25 The World Food Program (WFP) is the food assistance branch of the United Nations. Where is it headquartered?

Ans ✓ 1. Rome

✗ 2. New York

✗ 3. Paris

✗ 4. Brussels

Question ID : **12356836**
Status : **Not Answered**
Chosen Option : **--**

Section : **Quantitative Aptitude**

Q.1 If the number $1005x4$ is completely divisible by 8, then the smallest integer in place of x will be:

Ans ✓ 1. 0

✗ 2. 1

✗ 3. 4

✗ 4. 2

Question ID : **12356851**
Status : **Answered**
Chosen Option : **1**

Q.2 The given table shows the number (in thousands) of cars of five different models A, B, C, D and E produced during Years 2012-2017. Study the table and answer the question that follow.

	A	B	C	D	E	Total
2012	18	26	22	23	31	120
2013	22	18	32	40	18	130
2014	32	43	26	35	34	170
2015	18	22	26	14	20	100
2016	36	12	44	38	50	180
2017	12	48	40	22	28	150

If 2013 and 2014 are put together, which type of cars constitute exactly 25% of the total number of cars produced in those 2 years?

Ans
   ✗ 1. E
   ✗ 2. B
   ✔ 3. D
   ✗ 4. C

Question ID : **12356874**
Status : **Not Answered**
Chosen Option : **--**

Q.3 If $x = 4cosA + 5sinA$ and $y = 4sinA - 5cosA$, then the value of $x^2 + y^2$ is:

Ans
   ✗ 1. 25
   ✔ 2. 41
   ✗ 3. 0
   ✗ 4. 16

Question ID : **12356871**
Status : **Answered**
Chosen Option : **2**

Q.4 The radius of a circular garden is 42 m. The distance (in m) covered by running 8 rounds around it, is:
(Take $\pi = \frac{22}{7}$)

Ans
   ✔ 1. 2112
   ✗ 2. 1124
   ✗ 3. 3248
   ✗ 4. 4262

Question ID : **12356866**
Status : **Answered**
Chosen Option : **1**

Q.5 The given table shows the number (in thousands) of cars of five different models A, B, C, D and E produced during Years 2012-2017. Study the table and answer the question that follow.

	A	B	C	D	E	Total
2012	18	26	22	23	31	120
2013	22	18	32	40	18	130
2014	32	43	26	35	34	170
2015	18	22	26	14	20	100
2016	36	12	44	38	50	180
2017	12	48	40	22	28	150

The percentage decrease in the production of which type of car in 2017, with reference to 2016, was the maximum?

Ans
✗ 1. D
✗ 2. E
✔ 3. A
✗ 4. C

Question ID : **12356875**
Status : **Not Answered**
Chosen Option : **--**

Q.6 If x, y, z are three integers such that $x + y = 8$, $y + z = 13$ and $z + x = 17$, then the value of $\frac{x^2}{yz}$ is:

Ans
✗ 1. $\frac{7}{5}$
✔ 2. $\frac{18}{11}$
✗ 3. 1
✗ 4. 0

Question ID : **12356863**
Status : **Answered**
Chosen Option : **2**

Q.7 In $\triangle$ ABC, MN ∥ BC, the area of quadrilateral MBCN=130 sqcm. If AN : NC=4 : 5, then the area of $\triangle$ MAN is:
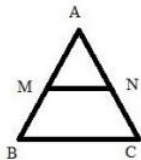
Ans
✗ 1. 40 cm^2
✗ 2. 45 cm^2
✔ 3. 32 cm^2
✗ 4. 65 cm^2

Question ID : **12356868**
Status : **Marked For Review**
Chosen Option : **4**

Q.8 A, B and C can individually complete a piece of work in 24 days, 15 days and 12 days, respectively. B and C started the work and worked for 3 days and left. The number of days required by A alone to complete the remaining work, is:

Ans
   ✘ 1. 11

   ✘ 2. $15\frac{1}{2}$

   ✘ 3. 18

   ✔ 4. $13\frac{1}{5}$

Question ID : **12356859**	
Status : **Answered**	
Chosen Option : **4**	

Q.9 If $x - y = 4$ and $xy = 45$, then the value of $x^3 - y^3$ is:

Ans
   ✘ 1. 822

   ✔ 2. 604

   ✘ 3. 151

   ✘ 4. 82

Question ID : **12356862**	
Status : **Answered**	
Chosen Option : **2**	

Q.10 A person sells an article at 10% below its cost price. Had he sold it for ₹332 more, he would have made a profit of 20%. What is the original selling price (in ₹) of the article?

Ans
   ✔ 1. 996

   ✘ 2. 1,328

   ✘ 3. 1,028

   ✘ 4. 896

Question ID : **12356856**	
Status : **Answered**	
Chosen Option : **4**	

Q.11 If the base radius of 2 cylinders are in the ratio 3 : 4 and their heights are in the ratio 4 : 9, then the ratio of their volumes is:

Ans
   ✘ 1. 2 : 1

   ✔ 2. 1 : 4

   ✘ 3. 1 : 2

   ✘ 4. 4 : 1

Question ID : **12356861**	
Status : **Answered**	
Chosen Option : **2**	

Q.12 A train crosses a pole in 12 sec, and a bridge of length 170 m in 36 sec. Then the speed of the train is:

Ans
✗ 1. 10.8 km/h

✗ 2. 30.75 km/h

✔ 3. 25.5 km/h

✗ 4. 32.45 km/h

Question ID : **12356860**

Status : **Answered**

Chosen Option : **3**

Q.13 If '+' means '-', '-' means '+', '×' means '÷' and '÷' means '×', then the value of $\frac{42-12\times3+8\div2+15}{8\times2-4+9\div3}$ is:

Ans
✔ 1. $-\frac{15}{19}$

✗ 2. $\frac{5}{3}$

✗ 3. $-\frac{5}{3}$

✗ 4. $\frac{15}{19}$

Question ID : **12356852**

Status : **Answered**

Chosen Option : **1**

Q.14 A shopkeeper marks the price of the article in such a way that after allowing 28% discount, he wants a gain of 12%. If the marked price is ₹224, then the cost price of the article is:

Ans
✗ 1. ₹168

✔ 2. ₹144

✗ 3. ₹120

✗ 4. ₹196

Question ID : **12356854**

Status : **Answered**

Chosen Option : **2**

Q.15 ₹4,300 becomes ₹4,644 in 2 years at simple interest. Find the principle amount that will become ₹10,104 in 5 years at the same rate of interest.

Ans
✗ 1. ₹7,200

✔ 2. ₹8,420

✗ 3. ₹9,260

✗ 4. ₹5,710

Question ID : **12356858**

Status : **Not Answered**

Chosen Option : **--**

Q.16 Out of 6 numbers, the sum of the first 5 numbers is 7 times the 6th number. If their average is 136, then the 6th number is:

Ans
✗ 1. 116
✔ 2. 102
✗ 3. 96
✗ 4. 84

Question ID : **12356853**
Status : **Answered**
Chosen Option : **1**

Q.17 If $A + B = 45°$, then the value of $2(1 + tanA)(1 + tanB)$ is:

Ans
✔ 1. 4
✗ 2. 0
✗ 3. 2
✗ 4. 1

Question ID : **12356869**
Status : **Answered**
Chosen Option : **1**

Q.18 If the length of a rectangle is increased by 40%, and the breadth is decreased by 20%, then the area of the rectangle increases by x%. Then the value of x is:

Ans
✗ 1. 16
✗ 2. 20
✗ 3. 8
✔ 4. 12

Question ID : **12356855**
Status : **Answered**
Chosen Option : **4**

Q.19 The area of $\triangle ABC$ is 44 cm^2. If D is the midpoint of BC and E is the midpoint of AB, then the area (in cm^2) of $\triangle BDE$ is:

Ans
✗ 1. 5.5
✗ 2. 44
✔ 3. 11
✗ 4. 22

Question ID : **12356867**
Status : **Answered**
Chosen Option : **3**

Q.20 The given table shows the number (in thousands) of cars of five different models A, B, C, D and E produced during Years 2012-2017. Study the table and answer the question that follow.

	A	B	C	D	E	Total
2012	18	26	22	23	31	120
2013	22	18	32	40	18	130
2014	32	43	26	35	34	170
2015	18	22	26	14	20	100
2016	36	12	44	38	50	180
2017	12	48	40	22	28	150

In the year 2015, which type of car constitutes exactly 20% of the total number of cars produced that year?

Ans ✔ 1. E

✘ 2. A

✘ 3. B

✘ 4. D

Question ID : **12356873**
Status : **Not Answered**
Chosen Option : **--**

Q.21 If A lies in the first quadrant and $6tanA = 5$, then the value of $\dfrac{8\sin A - 4\cos A}{\cos A + 2\sin A}$ is:

Ans ✘ 1. 16

✔ 2. 1

✘ 3. 4

✘ 4. −2

Question ID : **12356870**
Status : **Answered**
Chosen Option : **2**

Q.22 The ratio of the number of boys to the number of girls in a school of 640 students, is 5 : 3. If 30 more girls are admitted in the school, then how many more boys should be admitted so that the ratio of boys to that of the girls, becomes 14 : 9.

Ans ✘ 1. 30

✘ 2. 25

✘ 3. 15

✔ 4. 20

Question ID : **12356857**
Status : **Not Answered**
Chosen Option : **--**

Q.23 A, B and C are three points on a circle such that the angles subtended by the chord AB and AC at the centre O are 110° and 130°, respectively. Then the value of ∠BAC is:

Ans ✘ 1. 70°

✘ 2. 75°

✔ 3. 60°

✘ 4. 65°

Question ID : **12356865**
Status : **Answered**
Chosen Option : **4**

Q.24 The given table shows the number (in thousands) of cars of five different models A, B, C, D and E produced during Years 2012-2017. Study the table and answer the question that follow.

	A	B	C	D	E	Total
2012	18	26	22	23	31	120
2013	22	18	32	40	18	130
2014	32	43	26	35	34	170
2015	18	22	26	14	20	100
2016	36	12	44	38	50	180
2017	12	48	40	22	28	150

The percentage increase in the total cars in 2016 over 2012, is:

Ans ✔ 1. 50%

✘ 2. 45%

✘ 3. 33.33%

✘ 4. 62.33%

> Question ID : **12356872**
> Status : **Answered**
> Chosen Option : **1**

Q.25 If $x^{2a} = y^{2b} = z^{2c} \neq 0$ and $x^2 = yz$, then the value of $\frac{ab+bc+ca}{bc}$ is:

Ans ✔ 1. 3

✘ 2. 3ac

✘ 3. 3bc

✘ 4. 3ab

> Question ID : **12356864**
> Status : **Answered**
> Chosen Option : **1**

Section : **English Comprehension**

Q.1 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement

The Director will <u>agree with the proposal</u> if we do not exceed the budget.

Ans ✘ 1. agree on a proposal

✔ 2. agree to the proposal

✘ 3. agreed by the proposal

✘ 4. No Improvement

> Question ID : **12356881**
> Status : **Answered**
> Chosen Option : **2**

Q.2   Select the correct synonym of the given word.

Obligatory

Ans   ✔ 1. Mandatory

        ✘ 2. Reckless

        ✘ 3. Useless

        ✘ 4. Aggressive

Question ID : **12356890**
Status : **Answered**
Chosen Option : **1**

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

The manager keeps the work pending.

Ans   ✘ 1. The work are being kept pending by the manager.

        ✘ 2. The work was kept pending by the manager.

        ✘ 3. The work has been kept pending by the manager

        ✔ 4. The work is kept pending by the manager.

Question ID : **12356878**
Status : **Answered**
Chosen Option : **4**

Q.4   In the sentence identify the segment which contains the grammatical error.

One of the boys from our school have been selected for National Badminton Championship.

Ans   ✔ 1. have been selected

        ✘ 2. from our school

        ✘ 3. One of the boys

        ✘ 4. for National Badminton Championship

Question ID : **12356877**
Status : **Answered**
Chosen Option : **1**

Q.5   Fill in the blank with the most appropriate word.

We must _____ help to the homeless and physically disabled people.

Ans   ✘ 1. exert

        ✘ 2. donate

        ✘ 3. contribute

        ✔ 4. render

Question ID : **123568100**
Status : **Answered**
Chosen Option : **4**

Q.6 Given below are four jumbled sentences. Select the option that gives their correct order
A. However, the rate of population increase is another important factor to consider.
B. This change can be expressed in two ways.
C. Growth of population refers to the change in the number of inhabitants of a country.
D. First, in terms of absolute numbers and second, in terms of percentage change.

Ans ✗ 1. CADB

✔ 2. CBDA

✗ 3. BDCA

✗ 4. BADC

Question ID : **12356889**
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.

Communication plays a (1)_____ role in the overall development of man. It can be learnt by our (2)_____ efforts. Today, success in our professional life depends on our (3)_____ to read, write and speak well which results in effective communication. Barriers (4)_____ communication hinder the communication process. It is very important to (5)_____ these barriers so that the transmission of the message can be smooth.

SubQuestion No : 7

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

Ans ✗ 1. lifeless

✗ 2. total

✔ 3. vital

✗ 4. better

Question ID : **12356883**
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.

Communication plays a (1)_____ role in the overall development of man. It can be learnt by our (2)_____ efforts. Today, success in our professional life depends on our (3)_____ to read, write and speak well which results in effective communication. Barriers (4)_____ communication hinder the communication process. It is very important to (5)_____ these barriers so that the transmission of the message can be smooth.

SubQuestion No : 8

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

Ans ✔ 1. conscious

✗ 2. contradictory

✗ 3. unclear

✗ 4. important

Question ID : **12356884**
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.

Communication plays a (1)_____ role in the overall development of man. It can be learnt by our (2)_____ efforts. Today, success in our professional life depends on our (3)_____ to read, write and speak well which results in effective communication. Barriers (4)_____ communication hinder the communication process. It is very important to (5)_____ these barriers so that the transmission of the message can be smooth.

SubQuestion No : 9

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

Ans   ✔ 1. ability

    ✘ 2. facility

    ✘ 3. agility

    ✘ 4. variety

Question ID : **12356885**

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.

Communication plays a (1)_____ role in the overall development of man. It can be learnt by our (2)_____ efforts. Today, success in our professional life depends on our (3)_____ to read, write and speak well which results in effective communication. Barriers (4)_____ communication hinder the communication process. It is very important to (5)_____ these barriers so that the transmission of the message can be smooth.

SubQuestion No : 10

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

Ans   ✔ 1. to

    ✘ 2. by

    ✘ 3. against

    ✘ 4. from

Question ID : **12356886**

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.

Communication plays a (1)_____ role in the overall development of man. It can be learnt by our (2)_____ efforts. Today, success in our professional life depends on our (3)_____ to read, write and speak well which results in effective communication. Barriers (4)_____ communication hinder the communication process. It is very important to (5)_____ these barriers so that the transmission of the message can be smooth.

SubQuestion No : 11

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

Ans   ✘ 1. strengthen

    ✔ 2. overcome

    ✘ 3. succeed

    ✘ 4. create

Question ID : **12356887**

Status : **Answered**

Chosen Option : **2**

Q.12 Select the word, which means the same as the groups of words given.

A song sung at a burial

Ans ✔ 1. Dirge

✘ 2. Sonnet

✘ 3. Hymn

✘ 4. Ballad

Question ID : **12356897**

Status : **Answered**

Chosen Option : **2**

Q.13 Given below are four jumbled sentences. Select the option that gives their correct order
A. However, they ignore the truth that progress and success are proportional to the labor they put in.
B. The general human tendency is to find faults in the policies framed by the government.
C. They blame the government for their slow progress, expecting miracles and magical transformation in their life.
D. So people openly criticize and condemn the policy makers.

Ans ✔ 1. BDCA

✘ 2. DBAC

✘ 3. CDAB

✘ 4. ABCD

Question ID : **12356888**

Status : **Answered**

Chosen Option : **1**

Q.14 Select the correct synonym of the given word.

Scintillating

Ans ✔ 1. Glittering

✘ 2. Stinging

✘ 3. Flattering

✘ 4. Boring

Question ID : **12356891**

Status : **Answered**

Chosen Option : **1**

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

I can swim very fast when I was only five.

Ans ✔ 1. I can swim

✘ 2. only five

✘ 3. very fast

✘ 4. when I was

Question ID : **12356876**

Status : **Answered**

Chosen Option : **1**

Q.16 Select the correctly spelt word.

Ans   ✗ 1. exhoust

         ✓ 2. exhibit

         ✗ 3. exteract

         ✗ 4. exhail

Question ID : **12356898**
Status : **Answered**
Chosen Option : **2**

Q.17 Select the appropriate meaning of the given idiom.

A hard nut to crack

Ans   ✗ 1. Not restrained

         ✗ 2. Easily encouraged

         ✗ 3. Easily disappointed

         ✓ 4. A difficult problem

Question ID : **12356894**
Status : **Answered**
Chosen Option : **4**

Q.18 Select the correct antonym of the given word.

Quiescent

Ans   ✗ 1. Dejected

         ✓ 2. Active

         ✗ 3. Peaceful

         ✗ 4. Indifferent

Question ID : **12356893**
Status : **Answered**
Chosen Option : **4**

Q.19 Select the indirect narration of the given sentence.

He said to the hotel receptionist, "Can you tell me the tariff of rooms?

Ans   ✗ 1. He enquired the hotel receptionist if he can tell him the tariff of rooms.

         ✓ 2. He asked the hotel receptionist if he could tell him the tariff of rooms.

         ✗ 3. He asked the hotel receptionist that if he can tell him the tariff of rooms.

         ✗ 4. He asked the hotel receptionist to tell him the tariff of rooms.

Question ID : **12356879**
Status : **Answered**
Chosen Option : **2**

Q.20 Select the correctly spelt word.

Ans   ✗ 1. Bouquette

                          www.exammix.com

         ✓ 2. Sarcasm

         ✗ 3. Humilliation

         ✗ 4. Retalaite

Question ID : **12356899**
Status : **Answered**
Chosen Option : **2**

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

The captain as well the players were responsible for winning the trophy.

Ans ✔ 1. The captain as well as the players was

✘ 2. No Improvement

✘ 3. As The captain with the players were

✘ 4. The captain also the players were

Question ID : **12356880**
Status : **Answered**
Chosen Option : **1**

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

To take French leave

Ans ✔ 1. Leave without any intimation

✘ 2. Welcome the host

✘ 3. Acknowledge the host

✘ 4. Leave with written permission

Question ID : **12356895**
Status : **Answered**
Chosen Option : **1**

Q.23 Fill in the blank with the most appropriate word.

Handle this glass table with care because it is _____.

Ans ✔ 1. fragile

✘ 2. frugal

✘ 3. volatile

✘ 4. ductile

Question ID : **123568101**
Status : **Answered**
Chosen Option : **1**

Q.24 Select the word, which means the same as the given group of words.

Something that cannot be heard

Ans ✔ 1. inaudible

✘ 2. infallible

✘ 3. irrevocable

✘ 4. audible

Question ID : **12356896**
Status : **Answered**
Chosen Option : **1**

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

Exodus

Ans ✘ 1. Exit

✘ 2. Refund

✔ 3. Arrival

✘ 4. Departure

Question ID : **12356892**
Status : **Answered**
Chosen Option : **3**