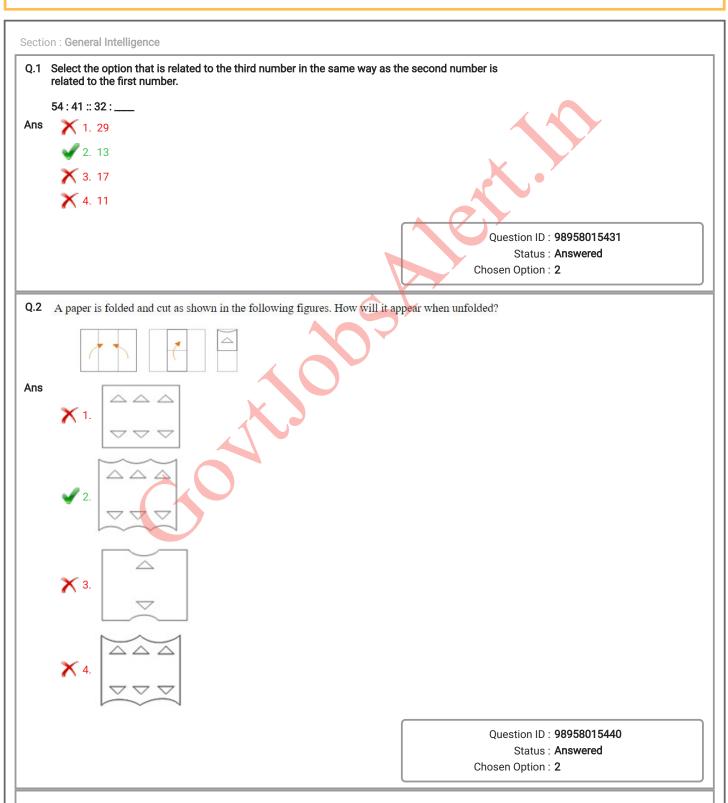
Combined Higher Secondary Level (10+2) Examination-2018

Roll No.	
Registration No.	
Name	
Test Venue	iON DIGITAL ZONE iDZ Cityland
Test Time	10:00 AM - 11:00 AM
Test Date	02/07/2019



Q.3 Select the correct mirror image of the given figure when the mirror is placed to the right of the figure.



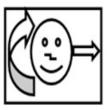
Ans















Question ID: 98958015441 Status: Answered

Chosen Option: 2

Q.4 Which two signs should be interchanged in the following equation to make it correct?

$$24 \div 2 + 13 - 54 \times 2 = 34$$

Ans

X 1. + and ×

X 2. - and ×

X 4. - and ÷

Question ID: 98958015430 Status: Not Answered

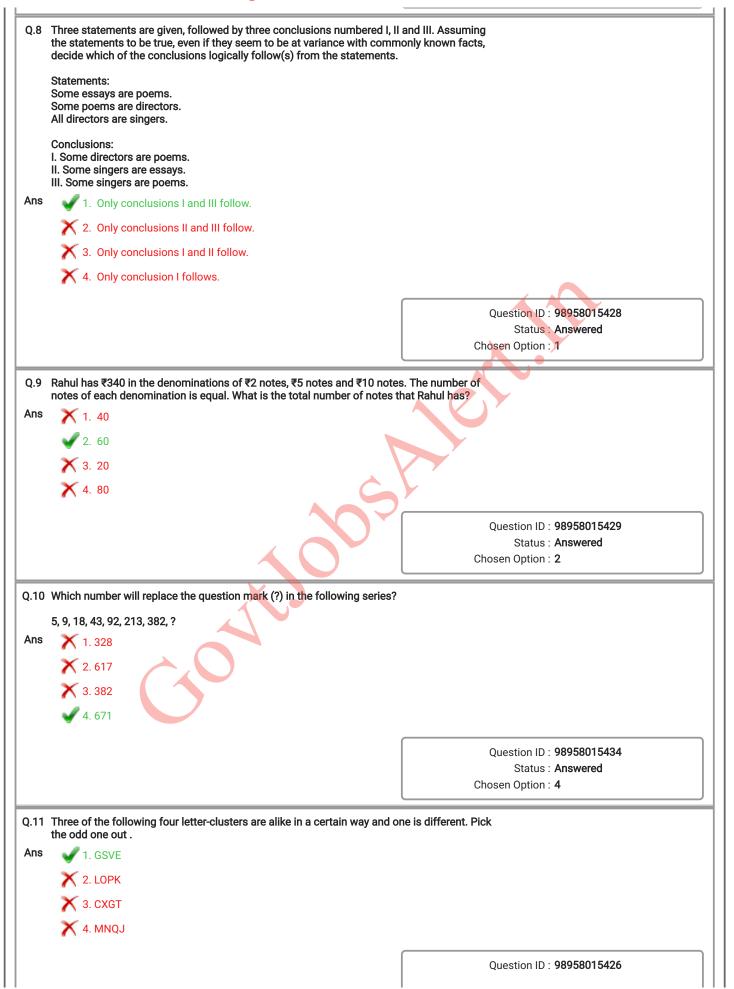
Chosen Option: -

- Q.5 Arrange the following words in a logical and meaningful order.
 - 1. Promotion
 - 2. Application
 - 3. Job appointment
 - 4. Written test
 - 5. Merit list

Ans

X 1. 2, 5, 4, 3, 1

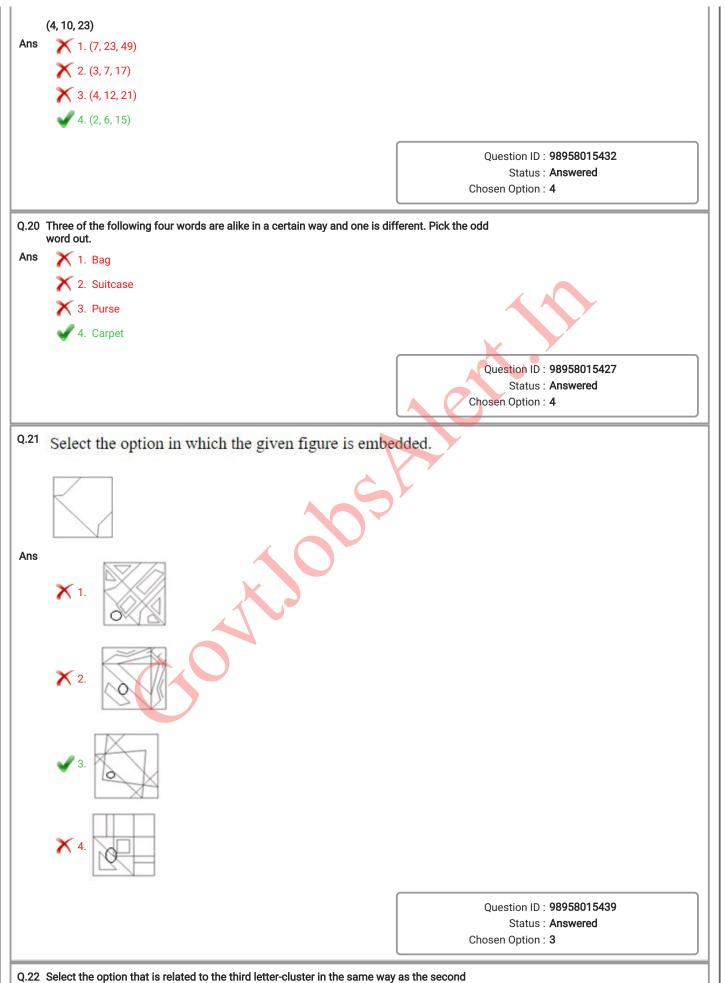
2. 3, 2, 4, 1, 5 **X** 3. 4, 2, 5, 3, 1 4. 2, 4, 5, 3, 1 Question ID: 98958015418 Status: Answered Chosen Option: 4 How many triangles are present in the following figure? Ans X 1. 14 **2**. 13 X 3. 10 X 4. 12 Question ID: 98958015438 Status: Answered Chosen Option: 4 Select the figure that will come next in the following figure series. **** Ans Question ID: 98958015437 Status: Answered Chosen Option: 1



Status: Not Answered Chosen Option: -Q.12 In a code language, PERMUTATION is written as IBKFRMXMFLG. How will PUBLICSECTOR be written as in that language? Ans X 1. ICUFEVLBVNLK 2. ICUFEVLBVMLJ 3. IRUEFVLBVMLK X 4. IRVEFVLBVMLK Question ID: 98958015419 Status: Not Answered Chosen Option: -Q.13 Select the combination of letters that when sequentially placed in the gaps of the given letter series will complete the series. ab_ba_babd_acb_bdba_b Ans X 1. cdabc 3. acbcd X 4. dcabc Ouestion ID: 98958015423 Status: Answered Chosen Option: 2 Q.14 Select the Venn diagram that best illustrates the relationship between the following classes. Raw material, Labourers, Machines Ans Question ID: 98958015442 Status: Answered

.15	In a family of 5 members, X is the sister of Y. M has two children and he	e is the son of E, who		
	is the father-in-law of H. H has only one son. Y is not the grand-daughter related to E?	r of E. How is X		
ns	X 1. Sister			
	× 2. Daughter			
	✓ 3. Grand-daughter			
	X 4. Grandson			
		Question ID: 98958015424 Status: Not Answered		
		Chosen Option : –		
_				
16	Two different positions of the same dice are shown. Find the number opposi	ite to the face having 4.		
	$\sqrt{2}$ $\sqrt{1}$			
	5 5			
	1 4			
าร	X 1. 6			
	★ 2. 3			
	√ 3. 2			
	X 4. 1			
		Question ID : 98958015436		
	400	Status : Answered Chosen Option : 3		
	17 'Cardiologist' is related to 'Heart' in the same way as 'Chiropractor' is related to ''.			
ns	X 1. Skin			
	× 2. Foot			
	X 3. Chest			
	4. Joints			
		Question ID: 98958015422		
		Status: Not Answered		
		Chosen Option : –		
18	If MASTER is coded as 26138402536 and GOVIND is coded as 1422544	I81288, then how will		
	BACKSPACE be coded as?			
ns	1.4162238321625			
	2. 5172339317125			
	3. 4172393337125			
	4. 5172933373215			
		Question ID: 98958015420		
		Queenon 10 . 303000 10 120		
		Status : Not Answered		

following set.



,

letter-cluster is related to the first letter-cluster. MARKET: IEONCV:: THERMO: ___ Ans 1. PLBUKQ X 2. JKCTKQ X 3. PLDSKQ X 4. JLZUKQ Question ID: 98958015421 Status: Answered Chosen Option: 1 Q.23 Three of the following four numbers are alike in a certain way and one is different. Pick the number that is different from the rest. Ans **X** 1. 4147 2. 8205 3. 9368 4. 7298 Question ID: 98958015435 Status: Not Answered Chosen Option: -Q.24 Select the set in which the numbers are related in the same way as are the numbers of the following set. (5, 2, 30)**X** 1. (5, 1, 29) Ans **X** 2. (9, 2, 87) 3. (4, 3, 28) 4. (7, 8, 114) Question ID: 98958015433 Status: Not Answered Chosen Option: -Q.25 Select the word-pair in which the two words are related in the same way as are the two words in the following word-pair. Spoke: Wheel Ans 1. Word: Sentence 2. Printer: Computer 3. Square: Side X 4. Tree : Branch Ouestion ID: 98958015425 Status: Answered Chosen Option: 1 Section: General Awareness

Q.1 Who among the following was the first Sayyid ruler of Delhi?

Ans

For More Updates Visit www.GovtJobsAlert.In X 1. Mubārak Shah 2. Alam Shah 3. Muḥammad Shah 4. Khizr Khan Question ID: 98958015052 Status: Not Answered Chosen Option: -Q.2 Who was the captain of the Indian women's Kabaddi team that won silver at the 2018 Asian Ans X 1. Manpreet Kaur 2. Ritu Negi 3. Shalini Pathak 4. Payel Chowdhury Question ID: 98958015060 Status: Not Answered Chosen Option: -Q.3 Which of the following states shares the longest boundary with China? Ans 2. Arunachal Pradesh 3. Himachal Pradesh 4. Uttarakhand Question ID: 98958015048 Status: Answered Chosen Option: 1 Q.4 Which of the following political parties was NOT an ally of the BJP-led NDA in 2019 Lok Sabha elections? Ans 1. Shiromani Akali Dal 2. Asom Gana Parishad X 3. AIADMK 4. DMK Question ID: 98958015057 Status: Not Answered Chosen Option: -Q.5 Who among the following is the 2019 winner of the \$100,000 Nine Dots Prize? Ans 1. Annie Zaidi 2. Chetan Bhagat

Question ID : 98958015054 Status : Not Answered

3. Shashi Tharoor4. Arundhati Roy

Chosen Option: -Q.6 In June 2019, PepsiCo India proposed to invest \$70 million to build a food manufacturing Ans X 1. Maharashtra 2. Gujarat 3. Uttar Pradesh X 4. Madhya Pradesh Question ID: 98958015062 Status: Answered Chosen Option: 2 Who among the following won a silver medal in the equestrian event at the 2018 Asian Ans X 1. Ashish Malik 2. Fouaad Mirza 3. Rakesh Kumar X 4. Jitender Singh Question ID: 98958015059 Status: Not Answered Chosen Option: -Q.8 Who is the director of the film 'PM Narendra Modi'? Ans X 1. Tigmanshu Dhulia 2. Omung Kumar 3. Rakeysh Omprakash Mehra X 4. Hansal Mehta Question ID: 98958015055 Status: Not Answered Chosen Option: -Q.9 On the occasion of World No Tobacco Day' on 31 May, which state banned e-cigarettes? 1. Assam 2. Uttar Pradesh 3. Rajasthan X 4. Gujarat Ouestion ID: 98958015063 Status: Answered Chosen Option: 1 Q.10 The joint process of vapourisation and condensation is called: 1. Sublimation 2. Chromatography 3. Distillation X 4. Crystallisation

Question ID: 98958015044 Status: Answered Chosen Option: 3 Q.11 Which of the following metals has an ore named Galena? 🗙 1. Nickel 2. Copper 3. Iron 4. Lead Question ID: 98958015045 Status: Answered Chosen Option: 4 Q.12 The Bhupen Hazarika Setu, also called Dhola-Sadiya Bridge which connects Assam and Ans 🗙 1. Sikkim 2. Meghalaya 3. West Bengal 4. Arunachal Pradesh Question ID: 98958015050 Status: Answered Chosen Option: 4 Q.13 Panchavati, a key part of the Valmiki Ramayana is located in which state of India? 1. Tamil Nadu 2. Uttar Pradesh 3. Maharashtra X 4. Uttarakhand Question ID: 98958015051 Status: Answered Chosen Option: 3 Q.14 In the new Union cabinet of 2019, the portfolio of Micro, Small and Medium Enterprises was Ans 1. Narendra Singh Tomar 2. Nitin Jairam Gadkari X 3. Ramvilas Paswan 🗙 4. Sadananda Gowda Question ID: 98958015056 Status: Not Answered Chosen Option: -Q.15 Rani-ki-Vav (the Queen's Stepwell), which is in the UNESCO World Heritage List, is located in: Ans X 1. Madhya Pradesh 2. Gujarat

For More Updates Visit www.GovtJobsAlert.In 3. Uttar Pradesh 4. Rajasthan

Question ID : 98958015040 Status : Answered Chosen Option : 4

Q.16 During the passage of the Royal Titles Act 1876, the office of the British Prime Minister was occupied by:

Ans

🗙 1. William Ewart Gladstone

X 2. Arthur Balfour

X 3. John Russell

🗹 4. Benjamin Disraeli

Question ID: 98958015053 Status: Not Answered Chosen Option: –

Q.17 What is the full form of GSTIN in relation to GST?

Ans

X 1. Goods and Services Tax Identification Note

2. Goods and Services Tax Identification Number

X 3. Goods and Services Tax Information Number

X 4. Goods and Services Taxation Income Number

Question ID: 98958015041 Status: Answered Chosen Option: 2

Q.18 Paan Singh Tomar, who was a seven-time national champion, was associated with which of the following sports?

Ans

1. Hockey

X 2. Swimming

X 3. Shotput

4. Steeplechase

Question ID: 98958015058 Status: Answered

Chosen Option: 1

Q.19 In which year was Google incorporated as a private company?

Ans

1. 2000

X 2. 2005

X 3. 2002

4. 1998

Question ID: 98958015047 Status: Answered

Chosen Option: 4

Q.20 In May 2019, the Government of India approved a new scheme which assures minimum

monthly pension to all shopkeepers, retail traders and self employed persons after attaining the age of 60 years. How much is the pension amount? Ans 1. ₹5,000 2. ₹10,000 3. ₹3,000 **X** 4. ₹7,000 Question ID: 98958015061 Status: Answered Chosen Option: 1 Q.21 Which of the following terms refers to the running down or payment of a loan in instalments? 1. Discounted cashflow 2. Credit creation 3. Backwardation 4. Amortisation Question ID: 98958015042 Status: Not Answered Chosen Option: -Q.22 Which of the following are the highest-frequency electro magnetic waves? Ans 1. Gamma Rays 2. Radio Waves X 3. Ultraviolet Rays X 4. Microwaves Question ID: 98958015043 Status: Answered Chosen Option: 1 Q.23 Which of the following states separates Nepal from Bhutan? Ans 2. Sikkim 🗙 3. Odisha 🗙 4. Assam Ouestion ID: 98958015049 Status: Answered Chosen Option: 4 Q.24 A region of computer memory where frequently accessed data can be stored for rapid access is called: Ans 🗶 1. Cookie 2. Plug-in 3. Token 🍼 4. Cache Question ID: 98958015046

Status : **Answere**Chosen Option : **4**

Q.25 Who among the following is the author of 'Kamayani', the epic poem that is considered as one of the greatest literary works in Hindi?

Ans

- X 1. Mohan Rakesh
- 2. Jaishankar Prasad
- X 3. Premchand
- X 4. Ramdhari Singh Dinkar

Question ID: 98958015039 Status: Not Answered

Chosen Option : -

Section: Quantitative Aptitude

Q.1 If $\cos^2\theta - \sin^2\theta - 3\cos\theta + 2 = 0$, $0^\circ < \theta < 90^\circ$, then what is the value of $4\csc\theta + \cot\theta$?

Ans

- √ 1. 3√3
- X 2. 4
- \times 3. $4\sqrt{3}$
- X 4. 3

Question ID: 98958015754 Status: Not Answered

Chosen Option: -

Q.2 If $a^2 + 4b^2 + 49c^2 + 18 = 2(2b + 28c - a)$, then the value of (3a + 2b + 7c) is:

Ans

- X 1 0
- 2.
- **X** 3.
- X 4. 3

Question ID: 98958015746 Status: Not Answered

Chosen Option: -

Q.3 Two trains of same length are running on parallel tracks in the same direction at 54 km/h and 42 km/h respectively. The faster train passes the other train in 63 seconds. What is the length (in metres) of each train?

Ans

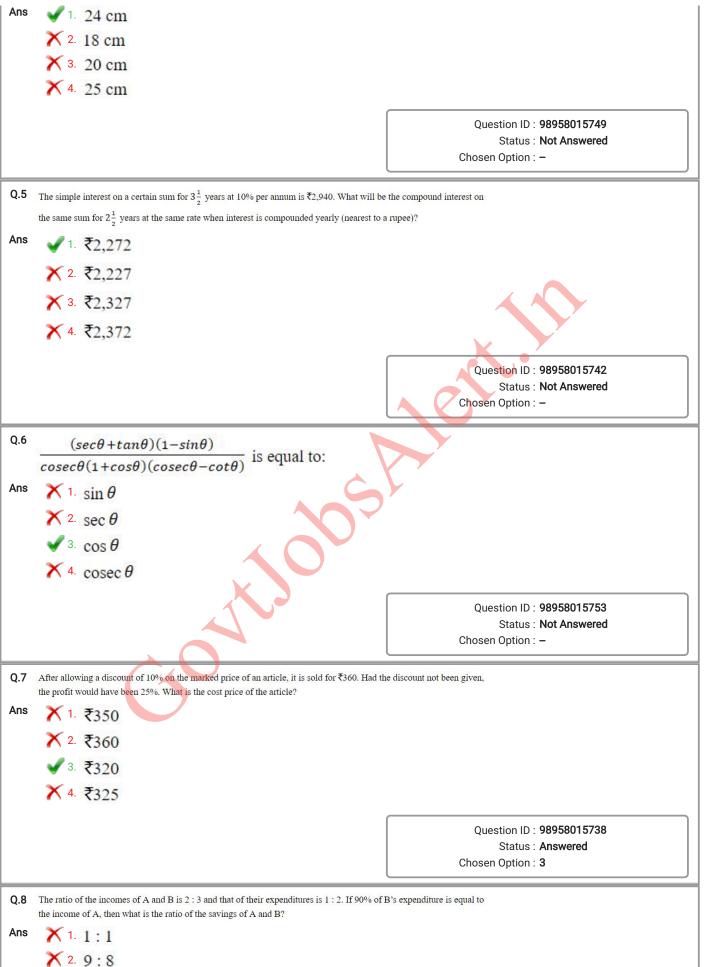
- X 1. 90
- X 2. 81
- **3**. 105
- X 4. 210

Question ID: 98958015735

Status : Answered

Chosen Option: 4

Q.4 Two concentric circles are of radii 15 cm and 9 cm. What is the length of the chord of the larger circle which is tangent to the smaller circle?





Question ID : 98958015741 Status : Not Answered

Chosen Option: -

Q.9 A person sold an article at a loss of 8%. Had he sold it at a gain of 10.5%, he would have received ₹37 more. What is the cost price of the article?

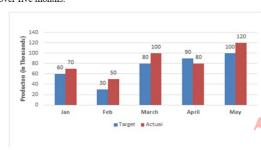
Ans

- **√** 1. ₹200
- X 2. ₹250
- X 3. ₹240
- X 4. ₹210

Question ID: 98958015740 Status: Not Answered

Chosen Option: -

Q.10 The given Bar Graph presents the Target and Actual production of AC Machines (numbers in thousands) of a factory over five months.



The ratio of the combined target production of AC Machines in January and April to that of the combined actual production of AC Machines in March and April was:

Ans

- X 1. 4:5
- X 2. 3:2
- **√** 3. 5:6
- X 4. 2:3

Question ID: 98958015755 Status: Answered

Chosen Option: 3

Q.11 There are 90 students in a class, out of which 70% are from village A and others are from village B. The average score of students from village B in a test is 20% more than that from village A. If the average score of all the students is 53, then what is the average score of the students from village B?

Ans

- X 1. 54
- **2**. 60
- X 3. 64
- X 4. 50

Question ID : 98958015737

Status : **Not Answered**Chosen Option : -

Q.12 A is 20% more than B, B is 25% more than C, C is 60% less than D and D is 20% more than E. Based on the above information, which of the following is true? Ans X 1. D is 60% less than B. X 2. E is 28% more than A. √ 3. A is 40% less than D. X 4. C is 24% less than A. Question ID: 98958015739 Status: Not Answered Chosen Option: -Q.13 In ΔABC, D and E are the points on sides AB and AC, respectively, such that DE | BC. If DE: BC is 3:5, then (Area of ΔADE): (Area of quadrilateral DECB) is: 1. 9:16 X 2. 3:4 X 3. 9:25 X 4. 5:8 Question ID: 98958015751 Status: Answered Chosen Option: 1 Q.14 In ΔABC, AB = 7 cm, BC = 24 cm and AC = 25 cm. If G is the centroid of the triangle, then what is the length (in cm) of BG? Ans X 1. 10 \checkmark 2. $8\frac{1}{3}$ \times 3. $8\frac{2}{3}$ Question ID: 98958015750 Status: Not Answered Chosen Option: -Q.15 If 30 persons take 10 days to complete a certain work working 8 hours a day, then 40 persons should work how many hours a day so that the work is completed in 6 days? X 1. 6 Ans 2. 10 X 4. 12 Question ID: 98958015734 Status: Not Answered Chosen Option: -Q.16 The volume of a right circular cone is 924 cm³. If its height is 18 cm, then the area of its base (in cm²) is: 1. 154

X 2. 132

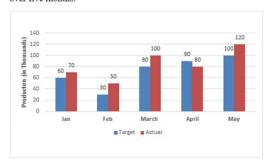
X 3. 176

X 4. 198

Question ID: 98958015736 Status: Not Answered

Chosen Option: -

Q.17 The given Bar Graph presents the Target and Actual production of AC Machines (numbers in thousands) of a factory over five months.



The total target production of AC Machines in February, April and May was what percentage less than the total actual production of AC Machines over all the five months (correct to one decimal place)?

Ans

X 1. 46.2%

X 2. 46.8%

X 3. 47.1%

4. 47.6%

Question ID: 98958015758 Status: Not Answered

Chosen Option: -

Q.18 If the eight-digit number 342x18y6 is divisible by 72, then what is the value of $\sqrt{9x+y}$, for the largest value of y?

X 1. 2√7

 \times 2. $4\sqrt{7}$

Question ID: 98958015743 Status: Not Answered

Chosen Option: -

If
$$\cot \theta = \frac{1}{\sqrt{3}}$$
, then the value of $\frac{2-\sin^2 \theta}{1-\cos^2 \theta} + (\csc^2 \theta + \sec \theta)$ is:

Ans X 1. 4

4. 5

Question ID: 98958015752 Status: Not Answered

Chosen Option: -

Q.20 Two circles of radii 15 cm and 12 cm intersect each other, and the length of their common chord is 18 cm. What is the distance (in cm) between their centres?

Ans

$$\times$$
 1. 18 + $\sqrt{7}$

$$\times$$
 2. 15 + $\sqrt{7}$

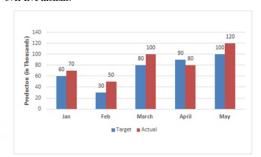
$$\times$$
 3. 12 + 2 $\sqrt{7}$

$$\checkmark$$
 4. 12 + 3 $\sqrt{7}$

Question ID: 98958015748 Status: Not Answered

Chosen Option : -

Q.21 The given Bar Graph presents the Target and Actual production of AC Machines (numbers in thousands) of a factory over five months.



The actual production of AC Machines in April was what percentage more than the average target production of AC Machines over five months?

Ans

$$\times 1.10\frac{1}{9}\%$$

$$\sqrt{2.11} \frac{1}{9} \%$$

Question ID: 98958015756 Status: Answered

Chosen Option : 2

Q.22

The value of $\frac{3 \div \{5-5 \div (6-7) \times 8+9\}}{4+4 \times 4 \div 4 \text{ of } 4}$ is

Ans

$$\times$$
 1. $\frac{1}{45}$

$$\times$$
 2. $\frac{1}{18}$

√ 3.
$$\frac{1}{90}$$

$$\times$$
 4. $\frac{1}{3}$

Question ID: 98958015744 Status: Not Answered

Chosen Option: -

Q.23 If a + b + c = 5, $a^2 + b^2 + c^2 = 27$, and $a^3 + b^3 + c^3 = 125$, then the value of 4abc is:

Ans

- **√** 1. **–20**
 - X 2. -15
 - X 3. 15
 - X 4. 20

Question ID: 98958015747 Status: Not Answered

Chosen Option : -

Q.24 If $3\sqrt{3}x^3 - 2\sqrt{2}y^3 = (\sqrt{3}x - \sqrt{2}y)(Ax^2 - Bxy + Cy^2)$, then the value of $(A^2 - B^2 + C^2)$ is:

Ans

- X 1. 10
- X 2. 17
- **3**. 7
- X 4. 1

Question ID: 98958015745 Status: Not Answered

Chosen Option: -

Q.25 The given Bar Graph presents the Target and Actual production of AC Machines (numbers in thousands) of a factory over five months.



In which month the actual production of AC Machines was 25% more than the target production?

Ans

- X 1. February
- √ 2. March
- X 3. January
- X 4. May

Question ID: 98958015757

Status : Answered

Chosen Option: 2

Section: English Language

Comprehension:

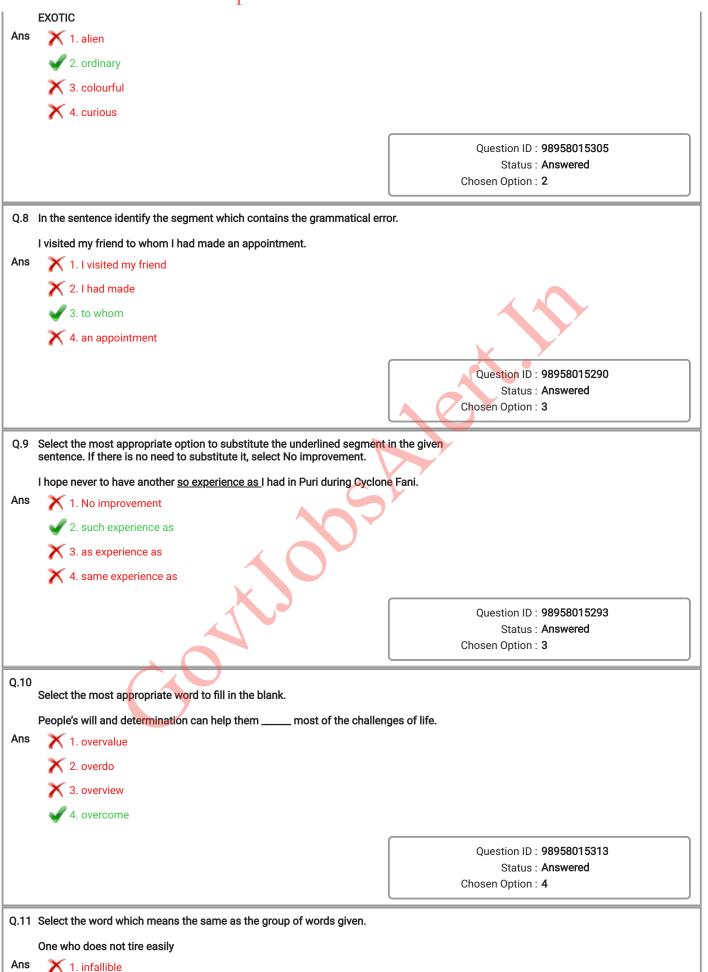
In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

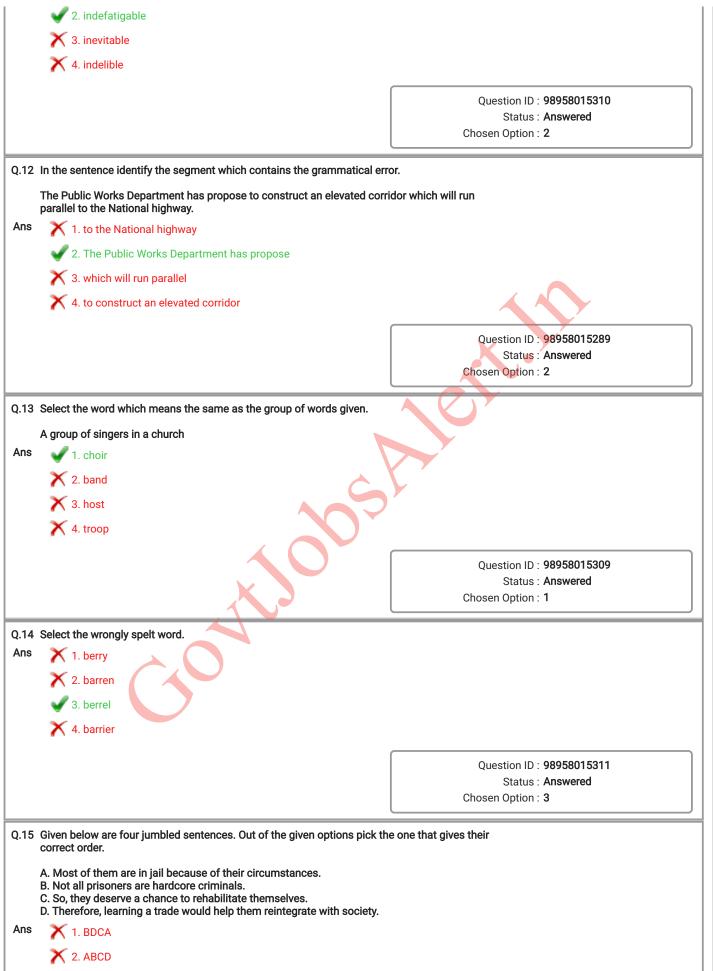
Q.1 Ans			
		Out a time ID + 000F004 F006	
		Question ID : 98958015296 Status : Answered	
		Chosen Option : 3	
	Comprehension:		
Q.2 Ans	In the following passage some words have been deleted. Fill in the blanks alternatives given. Select the most appropriate option for each blank. Big Ben is the UK's most iconic symbol. Since 2017, the Elizabeth Tower a have been (1) renovation. The structure is 160 years old and (2) maintenance. (3) many years, people had been painting the hands the clock black, but last Thursday, the workers (5) the clock Prussian Blue! SubQuestion No: 2 Select the most appropriate option for blank No. 2. 1. need 2. was needing 3. is needed	and the bell inside regular and numbers (4)	
Q.3 Ans	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. Big Ben is the UK's most iconic symbol. Since 2017, the Elizabeth Tower and the bell inside have been (1) renovation. The structure is 160 years old and (2) regular maintenance. (3) many years, people had been painting the hands and numbers (4) the clock black, but last Thursday, the workers (5) the clock's original colour, Prussian Blue! SubQuestion No: 3 Select the most appropriate option for blank No. 3. 1. About 2. For 3. Before 4. In		
		Question ID : 98958015298 Status : Answered	

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. Big Ben is the UK's most iconic symbol. Since 2017, the Elizabeth Tower and the bell inside ____ renovation. The structure is 160 years old and (2) _ maintenance. (3) ____ many years, people had been painting the hands and numbers (4) the clock black, but last Thursday, the workers (5) _____ the clock's original colour, Prussian Blue! SubQuestion No: 4 Q.4 Select the most appropriate option for blank No. 4. Ans Question ID: 98958015299 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. Big Ben is the UK's most iconic symbol. Since 2017, the Elizabeth Tower and the bell inside have been (1) _____ renovation. The structure is 160 years old and (2) ____ regular __ many years, people had been painting the hands and numbers (4) the clock black, but last Thursday, the workers (5) ___ __ the clock's original colour, Prussian Blue! SubQuestion No: 5 Q.5 Select the most appropriate option for blank No. 5. Ans 1. imparted 2. invented 3. discovered Question ID: 98958015300 Status: Answered Chosen Option: 3 Q.6 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. Oh, what a lovely necklace! You need no buy such an expensive gift. Ans 1. hadn't needed to buy 2. needn't have bought 3. No improvement 4. didn't need to buying Question ID: 98958015294 Status: Answered Chosen Option: 2

Q.7 Select the most appropriate antonym of the given word.





💢 3. DCBA 4. BACD Question ID: 98958015302 Status: Answered Chosen Option: 2 Q.16 Select the most appropriate meaning of the given idiom. to air dirty linen in public 1. to discuss private affairs in public X 2. to hang out clothes in the open X 3. to continue to complain 4. to stand up and fight Question ID: 98958015308 Status: Answered Chosen Option: 1 Q.17 Select the most appropriate meaning of the given idiom. throw in the towel Ans X 1. face the situation 2. think of a solution 3. admit defeat 4. drop something Question ID: 98958015307 Status: Not Answered Chosen Option: -Q.18 Given below are four jumbled sentences, Out of the given options pick the one that gives their correct order. A. He often asked questions which were strange and witty. B. Emperor Akbar was in the habit of putting riddles and puzzles to his courtiers. C. Once he asked a strange question that confused everyone. D. It took much wisdom to answer these questions. Ans 1. BADC 2. CABD X 3. ABCD X 4. BACD Question ID: 98958015301 Status: Not Answered Chosen Option: -Q.19 Select the most appropriate word to fill in the blank. In spite of being born in an _____ family, he chose to fight all odds and emerged as a notable Ans X 1. impeccable 2. immaculate

X 3. intelligent 4. impoverished Question ID: 98958015314 Status: Answered Chosen Option: 4 Q.20 Select the most appropriate synonym of the given word. HIND Ans 💢 1. near 🎻 2. rear X 3. first X 4. front Question ID: 98958015303 Status: Answered Chosen Option: 2 Q.21 Select the most appropriate synonym of the given word. **INNUENDO** Ans 1. implication X 2. evidence X 3. verification X 4. proof Question ID: 98958015304 Status: Answered Chosen Option: 1 Q.22 Select the correct indirect form of the given sentence. Mrs. Gupta said to me, "Why are these boys standing in the sun?" X 1. Mrs. Gupta told me why those boys are standing in the sun. 2. Mrs. Gupta asked me why those boys were standing in the sun. 3. Mrs. Gupta said to me that why are these boys standing in the sun. X 4. Mrs. Gupta asked me why were these boys standing in the sun. Question ID: 98958015292 Status: Answered Chosen Option: 2 Q.23 Select the wrongly spelt word. Ans 1. assurence 2. assurable 3. assure X 4. assuredly Question ID: 98958015312 Status: Answered

