Ssc Cgl Tier I Previous Year Question Paper Overview

Here, you can solve all the questions asked in Ssc Cgl Tier I Previous Year Question Paper on 2019-06-06 in the Morning exam. The detailed solutions are also provided for every previous year question and some of these questions can be asked again in your Ssc Cgl Tier I exam. There are 100 questions in the exam and 60 minutes are provided for the Ssc Cgl Tier I exam. The Cutoff of the exam was 140 marks hence you should try to score at least 150 marks.

Ssc Cgl Tier I Previous Year Question Paper : Questions and Solutions

Question 1 :

_____, which connects Sikkim with Tibet, was closed after the Chinese aggression on India in 1962 but was reopened in 2006 as the governments of the two countries decided to enhance their trade through land routes.

Difficulty : Moderate   **Average Time : 47 Seconds**

Options :

1. Lanak La

2. Imis La

3. Pensi La

4. Nathu La

Solution :

The correct answer is **option 4** i.e. **Nathu La.**

___ connects Sikkim with Tibet:	**Nathu La Pass**

About Nathu La pass:	• Nathu La pass was closed in 1962 after Chinese Aggression and reopened in 2006. • Nathu La is one of the three open trading border posts between China and India, the others are Shipkila in Himachal Pradesh and Lipulekh at the trisection point of Uttarakhand–India, Nepal and China.
Other pass:	Lanak La: It is a mountain pass in Tibet Autonomous Region, China. It is on the southeastern boundary of the Aksai Chin region that is controlled by China. India regards Lanak La as its boundary with China, while China considers the Kongka Pass further west as the boundary. lmis La: It is at Jammu & Kashmir. Pensi La: It is a mountain pass in the Ladakh union territory of India, which is known as the Gateway to Zanskar.

Question 2 :

Select the set in which the numbers are related in the same way as are the numbers of the following set. (8, 12, 24)

Difficulty : Moderate   **Average Time : 159 Seconds**

Options :

1. (6, 9, 18)

2. (6, 10, 18)

3. (9, 18, 27)

4. (12, 20, 40)

Solution :

Correct Answer is option 1 i.e. (6, 9, 18)

Concept	Understanding	Application
Pattern: (x, 1.5x, 3x)	(8, 12, 24) Here, 8 × 1.5 = 12 8 × 3 = 24	Similarly, (6, 9, 18) 6 × 1.5 = 9 6 × 3 = 18 Hence, (6, 9, 18) is the correct answer.

Question 3 :

Select the correct passive form of the given sentence. At night, lock the outer gate.

Difficulty : Moderate   **Average Time : 137 Seconds**

Options :

1. The outer gate is locked at night.
2. The outer gate is requested to be locked at night.
3. Let the outer gate be locked at night.
4. The outer gate be locked at night.

Solution :

The correct answer is **option 3, i.e. Let the outer gate be locked at night.**

Concept/Grammar rules	Application
The passive voice of imperative sentences which suggest order, suggestion, or request can be made as: Let + object + be + past participle	**"At night, lock the outer gate."** **It is an imperative sentence.** **"the outer gate"** will become the object here and we can make the passive form as **"Let the outer gate be locked at night."**

Question 4 :

Lok Adalats have been created under _____.

Difficulty : Moderate   **Average Time : 68 Seconds**

Options :

1. Arbitration and Conciliation Act

2. Administration of Justice Act

3. Legal Services Authority Act

4. Legal Conciliation act

Solution :

The correct answer is **option 3** i.e. **Legal Services Authority Act.**

Lok Adalats have been given statutory status under the _____.	**Legal Services Authority Act**
What is the Legal Services Authority Act?	• Under the said Act, the award (decision) made by the Lok Adalats is deemed to be a decree of a civil court and is final and binding on all parties, and no appeal against such an award lies before any court of law.
What is Lok Adalat?	• The concept of Lok Adalat is mentioned under Article 39A and its objective is to provide free legal services for the citizens. • There are two types of Lok Adalat i.e. permanent and non-permanent.

Powers of Lok Adalats	Power to summon and enforce the attendance of any witness and to examine him/her on oath. Power to enforce the discovery and production of any document. Power to receive evidence on affidavits, Power for requisitioning of any public record or document or copy thereof or from any court.

Question 5 :

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

Difficulty : Moderate   **Average Time : 94 Seconds**

Options :

1. RQST

2. MLNO

3. FGHJ

4. CBDE

Solution :

The correct answer is **option 3** i.e. **FGHJ**

Understanding
Except FGHJ, all other options are having first two letters in reverse order according to English Alphabetical Series.

Hence, FGHJ is different from the rest. |

Question 6 :

Select the SYNONYM of the given word. TRIUMPH

Difficulty : Moderate   **Average Time : 43 Seconds**

Options :

1. Peace
2. Attack
3. Victory
4. Fight

Solution :

The correct answer is **option 3, i.e. Victory.**

Word meaning	Usage	Synonym	Antonym
TRIUMPH means **"a great victory or achievement."** The word that is an synonym of this is **"Victory which means an act of defeating an enemy or opponent in a battle, game, or other competition."**	For E.g. The championships proved to be a personal triumph for the coach.	success, victory, accomplishment, mastery.	Defeat, lose, fail, failure, disaster
Meaning of other words: **Peace**: freedom from disturbance; tranquillity. **Attack**: take aggressive military action against (a place or enemy forces) with weapons or armed force. **Fight**: take part in a violent struggle involving the exchange of physical blows or the use of weapons.			

Question 7 :

Arrange the following words in a logical and meaningful order. 1. Student 2. Job 3. Interview 4. Education 5. Retirement 6. Degree

Difficulty : Moderate

Average Time : 85 Seconds

Options :

1. 3, 5, 4, 6, 1, 2

5, 3, 2, 1, 4, 6

3. 1, 4, 6, 3, 2, 5

4. 1, 5, 3, 6, 4, 2

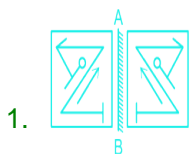**Solution :**

Correct Answer is option 3 i.e. 1, 4, 6, 3, 2, 5

| Concept	Understanding
The order in which the life of student progresses.	The correct logical order is: 1) Student 4) Education 6) Degree 3) Interview 2) Job 5) Retirement Hence, (1, 4, 6, 3, 2, 5) is the correct answer.

Question 8 :

The sequence of folding a piece of square paper (figures X and Y) and the manner in which the folded paper has been cut (figure Z) are shown. How will the paper appear when unfolded?

Difficulty : Moderate
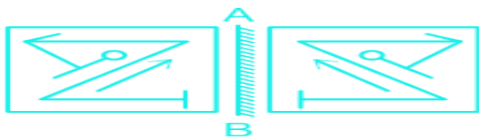
Average Time : 128 Seconds

Options :

1.

2.

3.

4.
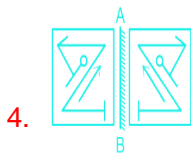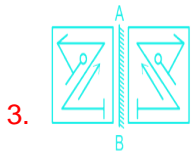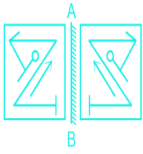
Solution :

The correct answer is **option 1**

Understanding
After unfolding, the paper will appear as follows:
In this type of question, the order of unfolding the paper will be reverse of the order in which it was folded.

Question 9 :
What is deposited on iron in the process of ?

Difficulty : Moderate   **Average Time : 73 Seconds**

Options :

1. Tin

2. Zink

Copper

4. Aliminium

Solution :

The correct answer is **option 2** i.e. **"Zinc"**

What is deposited on iron in the process of galvanization?	**"Zinc"**
What is galvanization?	- Galvanization is a process of applying a protective Zinc layer on Iron to prevent from rusting. - The most common method is hot-dip galvanizing, in which the parts are submerged in a bath of molten hot zinc. - Iron is generally dipped in hot molten zinc in this process. - Zinc layer on Iron eradicate direct contact of Iron to atmospheric moisture thus protecting it from corrosion.

Question 10 :

Which of the following ministries implements the Mid-day Meal scheme?

Difficulty : Moderate   **Average Time : 115 Seconds**

Options :

1. Ministry of Home Affairs

2. Ministry of Human Resource Development

3. Ministry of Social Welfare

4. Ministry of Social Justice and Empowerment

Solution :

The correct answer is **option 2** i.e. **Ministry of Human Resource Development**.

- The Mid-day Meal Scheme is a school meal program of the Government of India designed to better the nutritional standing of school-age children nationwide.
- This scheme was launched as a Centrally Sponsored Scheme on 15th August 1995 and was launched by former Prime Minister of India, P. V. Narasimha Rao.
- In 2001, it became a cooked Mid Day Meal Scheme under which every child in every Government and Government aided primary school was to be served a prepared Mid Day Meal with a minimum content of 300 calories of energy

and 8-12 grams of protein per day for a minimum of 200 days.

Question 11 :

The Badami Chalukyas first had their capital at _____ before they moved it to Badami.

Difficulty : Moderate   **Average Time : 64 Seconds**

Options :

1. Aihole

2. Pattadakal

3. Bijapur

4. Hubli

Solution :

The correct answer is **option 1** i.e. **Aihole**.

- Aihole was the first capital of Badami Chalukyas before they moved to Badami which is located 35 km from it.
- Aihole is an important archaeological site and recognized as a UNESCO World Heritage site.
- It is situated near the Malaprabha river valley, in the Bagalakote district of Karnataka.

Question 12 :

Who was awarded the Rabindranath Tagore Literary Price 2019 for the Novel 'Solo'?

Difficulty : Moderate   **Average Time : 45 Seconds**

Options :

1. Amitabh Ghosh

2. Rana Dasgupta

3. Jhumpa Lahiri

4. Nayanjyot Mukherjee

Solution :

The correct answer is option 2, i.e. **Rana Dasgupta**.

Who was awarded the Rabindranath Tagore Literary Prize 2019 for the Novel 'Solo'?	**Rana Dasgupta**

What is Rabindranath Tagore Literary Prize 2019?	• It is a legacy to Rabindranath Tagore, his outstanding contribution to Indian and international literature, as well as to the cultural, educational and humane ideas he pursued throughout his life.
Rana Dasgupta?	• Rana Dasgupta is a British Indian novelist and essayist. • He is also the literary director of JCB Prize of Literature.

Question 13 :

_____ was the first Muslim ruler, whose empire covered almost the whole of India up to its extreme south.

Difficulty : Moderate   **Average Time : 143 Seconds**

Options :

1. Ghiyas ud din Balban

2. Jalal-ud-din khilji

3. Alauddin Khilji

4. Feroz shah tuglak

Solution :

The correct answer is **option 3** i.e. **Alauddin Khilji.**

- Alauddin (died 1316) was the second sultan of the Khalji dynasty of Delhi in India.
- After becoming sultan in 1296, for the next 15 years, Alauddin waged wars relentlessly.
- By 1303 the western Hindu kingdoms of Gujarat, Ranthambhor, Chitor, and Rajasthan had been subdued.
- He implemented price control measures for a wide variety of market goods.
- He was the first Delhi Sultan to resort to price control and rationing among the local poor

The kingdoms of the Delhi Sultanate are as follows-

- Slave dynasty 1206 – 1290
- Khilji dynasty 1290 – 1320
- Tughlaq dynasty 1321 - 1413
- Sayyid dynasty 1414 - 1450
- Lodi dynasty 1451 - 1526

Question 14 :

Bandipur National Park located in _____.

Difficulty : Moderate

Average Time : 63 Seconds

Options :

1. Uttar Pradesh

2. Bihar

3. Karnataka

4. Kerala

Solution :

The correct answer is **option 3** i.e. **Karnataka**.

Where is the Bandipur National Park located?	Karnataka
Bandipur National Park?	• It is a tiger reserve National park. • Bandipur is located in Gundlupet taluq of Chamarajanagar district. • The entire area now constitutes the vast Nilgiri Biosphere Reserve, one of India's most extensive tracts of protected forest. It has been a designated tiger reserve in 1973.

Question 15 :

Which of the following destroys the ozone layer?

Difficulty : Moderate

Average Time : 59 Seconds

Options :

Sulphur

2. Chlorofluorocarbons (CFCs)

3. Carbon

4. Silicon

Solution :

The correct answer is **option 2** i.e. **Chlorofluorocarbons (CFCs)**.

Which of the following destroys the ozone layer?	Chlorofluorocarbons (CFCs)
What is the Ozone layer?	• The ozone layer or ozone shield is a region of Earth's stratosphere that absorbs most of the Sun's ultraviolet radiation. It contains a high concentration of ozone in relation to other parts of the atmosphere. • Chlorofluorocarbons, hydrochlorofluorocarbons, carbon tetrachloride, etc are some other ozone depletion compounds.

Question 16 :

Which of the following come under the Quarternary sector?

Difficulty : Moderate   **Average Time : 77 Seconds**

Options :

1. Information Technology

2. Fisheries

3. Manufacturing

4. Mining

Solution :

The correct answer is **option 1** i.e. **Information technology**.

Which of the following comes under the Quaternary sector?	Information technology
What is Quaternary sector?	• Quaternary sector is one that is based on new technologies and that requires a high degree of education. • In this field, people are not relying directly on their abilities to collect raw materials or turn them into a product; instead, they are relying on their education and intelligence to generate and operate advanced technologies. • Information Technology, Media Research and development, Software solutions, Blogging, designing etc comes under this category.

Question 17 :

In February 2019, India won _____ gold medal/s and five silver medals at the Makran Cup Boxing in Chabahar, Iran.

Difficulty : Moderate

Average Time : 67 Seconds

Options :

1. Three

2. Four

One

4. two

Solution :

The correct answer is option 3, i.e. **One.**

In February 2019, India won_____ gold medal/s and five silver medals at the Makran Cup Boxing in Chabahar, Iran.	**One**
Makran Cup?	- Makran Cup Boxing Championship was held in feb, 2019 at Chabahar, Iran. - National champion Deepak Singh (49kg) was the lone Indian boxer to notch up a gold, while five others claimed silver medals in the Makran Cup. - P Lalitha Prasad (52kg), Manish Kaushik (60kg), Duryodhan Singh Negi (69kg), Sanjeet (91kg) and Satish Kumar (+91kg) are five silver medal winners.

Question 18 :

Which of the following metals is the most ductile metal?

Difficulty : Moderate   **Average Time : 121 Seconds**

Options :

1. Copper

2. Tin

3. Aluminium

4. Gold

Solution :

The correct answer is **option 4** i.e. **Gold**.

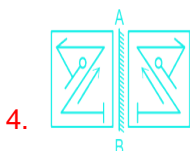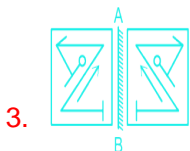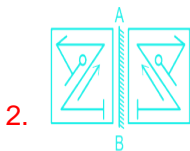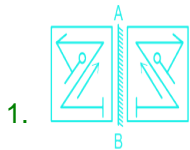| Which of the following metals is the most ductile metal?	Gold
What is Ductility?	- Ductility is the ability of a material to undergo plastic deformation before rupture. - Ductility is often characterized by a material's ability to be stretched into a wire. - Gold is the most ductile metal, one ounce of gold can be drawn into more than 80 Km of thin gold wire.

Question 19 :

Select the figure that will come next in the following figures series.

Difficulty : Moderate   **Average Time : 81 Seconds**

Options :

1.

2.

3.

4.

Solution :

Correct Answer is option **1**

Understanding	Application
Pattern followed is: 1st image is related to 3rd image and 2nd image is related to 4th. Following this pattern 5th image will be related to 3rd image.	If horizontal arrows of 1st image are reversed, and vertical arrows kept same we get 3rd image. Similarly, If horizontal arrows of 3rd image are reversed, and vertical arrows kept same we get 5th image as shown in option 1.

Question 20 :

A and B are travelling towards each other from the points P and Q respectively. After crossing each other, A and B take 49/8 hours and 8 hours, respectively, to reach their destinations Q and P, respectively. If the speed of B is 16.8 km/h, then the speed (in km/hr) of A is:

Difficulty : Moderate   **Average Time : 149 Seconds**

Options :

1. 20.4

2. 20.8

3. 19.2

4. 19.8

Solution :

The correct answer is **Option 3** i.e **19.2**

Concept	Application

Speed of A/Speed of B = (TB/TA) Where TB = Time in which B completes the remaining distance TA = Time in which A completes the remaining distance	Given Speed of B is 16.8 km/h And After crossing each other, A and B take 49/8 hours and 8 hours respectively to reach their destinations Q and P. Hence, Speed of A/16.8 = [(8 × 8)/49] Speed of A/16.8=8/7 Speed of A = 8/7 × 16.8 = 19.2 km/hr

Question 21 :

Select the correct active form of the given sentence. Their children were brought up with great care.

Difficulty : Moderate   **Average Time : 63 Seconds**

Options :

1. They brought up their children with great care.

2. They had brought up their children with great care.

3. Their children brought them up with great care.

4. They have been bringing up their children with great care.

Solution :

The correct answer is **option 1, i.e. They brought up their children with great care.**

Concept/Grammar rules	Application

The use of '**were**' in the given passive form of sentence signifies that the active form must be in past indefinite tense.	'**Their children** signifies that the subject in the active form will be '**They**'.
Hence the structure of the active form will be:	Hence, the active form will be:
Subject + V2 + Object + Other words	**They brought up their children with great care.**
â€‹â€‹â€‹â€‹	

Comprehension :

Direction:The table shows the production of different types of cars by a company (in thousands) in 5 years. Year/Car A B C D E 2014 52 54 48 46 64 2015 47 45 53 50 45 2016 48 47 56 54 65 2017 43 50 57 67 63 2018 38 40 54 68 70

Question 22 :

The average production of type D cars in 5 years is what percent less than the production of type E cars in 2018?

Difficulty : Moderate

Average Time : 84 Seconds

Options :

1. 16.8
2. 15.9
3. 17.4
4. 18.6

Solution :

Correct Answer is **option 4** i.e. **18.6**

Understanding	Application
Extract the data from the given table.	Total production of type D cars in 5 years = 46 + 50 + 54 + 67 + 68 = 285
	Average production of type D cars = 285/5 = 57
	Production of type E cars in 2018 = 70
	Required percentage = (70 – 57)/70 x 100 = 18.6 (Approx.)

Comprehension :

Direction: The table shows the production of different types of cars by a company (in thousands) in 5 years. Year/Car A BC D E 2014 52 54 48 46 64 2015 47 45 53 50 45 2016 48 47 56 54 65 2017 43 50 57 67 63 2018 38 40 54 68 70

Question 23 :

If the data related to the production of cars in 2018 is represented by pie chart, then the central angle of the sector representing the production of type C cars will be:

Difficulty : Moderate   **Average Time : 110 Seconds**

Options :

1. 93°

2. 72°

3. 59°

4. 91°

Solution :

Correct Answer is **option 2** i.e. **72°**

Concept	Understanding	Application
Pie chart represents 360-degree angle.	Extract the data from the given table.	Total production of cars in 2018 = 38 + 40 + 54 + 68 + 70 = 270 Production of type C car in 2018 = 54 Central angle = (54/270) × 360 = 360/5 = 72°

Comprehension :

Direction:The table shows the production of different types of cars by a company (in thousands) in 5 years. Year/Car A B C D E 2014 52 54 48 46 64 2015 47 45 53 50 45 2016 48 47 56 54 65 2017 43 50 57 67 63 2018 38 40 54 68 70

Question 24 :

The total production of type B cars in all the five years is what percent more than the total production of type A, B and D cars in 2017?

Difficulty : Moderate   **Average Time : 133 Seconds**

Options :

1. 47.5

32.2

3. 57.3

4. 49.5

Solution :

Correct Answer is **option 1** i.e. **47.5**

Application
Total production of type B cars = 54 + 45 + 47 + 50 + 40 = 236
Total production of type A, B and D cars in 2017 = 43 + 50 + 67 = 160
Required percentage = [(236 - 160)/160] × 100 = 760/16 = 47.5%

Comprehension :

Direction:The table shows the production of different types of cars by a company (in thousands) in 5 years. Year/Car A B C D E 2014 52 54 48 46 64 2015 47 45 53 50 45 2016 48 47 56 54 65 2017 43 50 57 67 63 2018 38 40 54 68 70

Question 25 :

What is the ratio of the total production of type C cars in 2015 and type D cars in 2017 taken together to the total production of type B cars in 2016 and type A cars in 2017 taken together?

Difficulty : Moderate

Average Time : 85 Seconds

Options :

1. 11 : 9

2. 4 : 3

3. 12 : 112

4. 13 : 10

Solution :

Correct Answer is **option 2** i.e. **4 : 3**

Application
Total production of type C cars in 2015 and type D cars in 2017 taken together = 53 + 67 = 120 Total production of type B cars in 2016 and type A cars in 2017 taken together = 47 + 43 = 90 Hence, Required ratio = 120 : 90 = 4 : 3

Question 26 :

A circle is inscribed in ABC, touching AB at P, BC at Q and AC at R. If AR = 5 cm, RC = 6 cm and AB = 12 cm, then the perimeter of ABC is:

Difficulty : Moderate   **Average Time : 83 Seconds**

Options :

1. 32 cm

2. 37 cm

3. 36 cm

4. 40 cm

Solution :

Correct Answer is **option 3** i.e. **36 cm**

Concept	Understanding	Application

| Tangents on a circle from an external point are equal | In the figure:

CR = CQ, AR = AP, BP = BQ

DAUGHTER

ADREGUTH | Hence,

AR = AP = 5 cm

CR = CQ = 6 cm

PB = AB – AP = 12 – 5 = 7 cm

BP = BQ = 7cm

Perimeter of the triangle = AR + AP + BP + BQ + CQ + CR = 36 cm |

Question 27 :

Difficulty : Moderate

Average Time : 140 Seconds

Options :

1. $\sec - \tan$

2. $\sec \tan$

3. $\sec + \tan$

4. $\sec \sin$

Solution :

Correct Answer is **option 3** i.e. **Sec + tan**

Concept	Understanding	Application

Sin 45 = 1/2	Put = 45 and check with the options.	(Sin45-Cos45+1)/(Sin45+Cos45-1)
Cos45 = 1/2		$\Rightarrow \dfrac{\frac{1}{\sqrt{2}} - \frac{1}{\sqrt{2}} + 1}{\frac{1}{\sqrt{2}} + \frac{1}{\sqrt{2}} - 1}$
Tan45 = 1		
Sec45 = 2		1/(2-1) = 2 + 1
		Checking the options by putting = 45:
		Option 3:
		Sec45 + tan45 = 2 + 1
		Hence, Option 3 is correct.

Question 28 :

The value of (5 + 3 ÷ 5 × 5) ÷ (3 ÷ 3 of 6) of (4 × 4 ÷ 4 of 4 + 4 ÷ 4 × 4) is:

Difficulty : Moderate   **Average Time : 177 Seconds**

Options :

1. $8\dfrac{1}{5}$

2. $7\dfrac{1}{3}$

3. $6\dfrac{2}{3}$

4. $9\dfrac{3}{5}$

Solution :

The correct answer is **Option 4** i.e. $9\dfrac{3}{5}$

Concept	Application

BODMAS	$(5 + 3 \div 5 \times 5) \div (3 \div 3 \text{ of } 6) \text{ of } (4 \times 4 \div 4 \text{ of } 4 + 4 \div 4 \times 4)$
	$(5 + 3/5 \times 5) \div (3 \div 18) \text{ of } (4 \times 4 \div 16 + 1 \times 4)$
	$(5 + 3) \div 1/6 \text{ of } (1 + 4)$
	$8 \div (1/6 \times 5)$
	$8 \div 5/6$
	$8 \times (6/5)$
	$\Rightarrow 9\frac{3}{5}$

Question 29 :

The value of (sec2 + cosec2) × (tan2 - sin2) is equal to:

Difficulty : Moderate   **Average Time : 78 Seconds**

Options :

1. sin cos^2

2. sin sec^2

3. cosec cos^2

4. cosec sec^2

Solution :

Correct Answer is **option 2** i.e. **Sin Sec^2**

Understanding	Application

Put = 45° and check with the options.	$(\sec^2 + \text{cosec}^2) \times (\tan^2 - \sin^2)$
	= 45°
	$(\sec^2 45° + \text{cosec}^2 45°) \times (\tan^2 45° - \sin^2 45°)$
	$(2 + 2) \times (1 - 1/2)$
	2/2
	2
	Checking the options by putting = 45:
	Option 2:
	$\sin 45° \sec^2 45° = 1/2 \times 2 = 2$
	Hence, Option 2 is correct.

Question 30 :

A person sold an article at a loss of 8%. Had he sold it at a gain of 10.5%, he would have received Rs. 92.50 more. To gain 12%, he should have sold it for:

Difficulty : Moderate   **Average Time : 260 Seconds**

Options :

1. Rs. 560

2. Rs. 580

3. Rs. 537.40

4. Rs. 540.50

Solution :

The correct answer is **Option 1** i.e. **Rs. 560**

Concept	Application

SP = CP × (1 + Gain/100) SP = CP × (1 − Loss/100)	Suppose CP = 100x After 8% loss: SP = 100x × 0.92 = 92x And After 10.5% gain: SP = 100x × 1.105 = 110.5x According to the question: The difference in selling prices is Rs.92.5 So, 110.5x − 92x = 92.5 18.5x = 92.5 x = Rs. 5 Hence, CP = 100 × 5 = Rs. 500 At 12% gain: SP = 500 × 1.12 = Rs. 560

Question 31 :

If the 8-digit number 2074x4y2 is divisible by 88, then the value of (4x + 3y) is:

Difficulty : Moderate

Average Time : 67 Seconds

Options :

1. 45

2. 42

3. 49

36

Solution :

The correct answer is **Option 1** i.e. **45**

Concept	Understanding	Application

For divisibility by 88, number should be divisible by 11 and 8 both.	2074x4y2 is divisible by 88	For divisible by 8 last 3 digits of the number (4y2) must be divisible by 8.
		So, the value of y can be 3 or 7.
		For divisibility by 11, the difference of the sum of digits at the odd place and the sum of digits at even place must be zero or divisible by 11.
		So, $(2 + 4 + 4 + 0) - (y + x + 7 + 2) = 0$ or 11
		Now, $x + y - 1 = 0$ (for $y = 3$)
		$x + 3 - 1 = 0$
		$x = -2$ ……digit cannot be negative
		And,
		$x + y - 1 = 0$ (for $y = 7$)
		$x = -6$ ……digit cannot be negative
		So, $x + y - 1 = 11$
		$x = 5$ for $y = 7$
		$4x + 3y = 20 +$

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Question 32 :

If x = a + 1/a and y = a − 1/a then (x4 + y4 - 2x2y2) is equal to:

Difficulty : Moderate **Average Time : 82 Seconds**

Options :

1. 8
2. $8/a^2$
3. $16a^2$
4. 4

Solution :

Correct Answer is **option 4** i.e. **4**

Concept	Understanding	Application
$x^2 + y^2 - 2xy = (x - y)$	Given x = a + 1/a and y = a − 1/a	$(x^4 + y^4 - 2x^2y^2)$ $(x^2 - y^2)^2$ $x^2 - y^2$ $(x - y)(x + y)$ (a + 1/a − a + 1/a) (a + 1/a + a − 1/a) 2/a × 2a 4

Question 33 :

When x is subtracted from each of 21, 22, 60 and 64, the numbers so obtained, in this order, are in proportion. What is the mean proportional between (x + 1) and (7x + 8)?

Difficulty : Moderate **Average Time : 267 Seconds**

Options :

1. 21

24

3. 27

4. 18

Solution :

The correct answer is **Option 2** i.e. **24**

Concept	Understanding	Application
Mean proportion of a & b = ab	Suppose 'x' is subtracted from each of 21, 22, 60 and 64.	Then, $(21 - x)/(22 - x) = (60 - x)/(64 - x)$ $21 \times 64 - 85x + x2 = 22 \times 60 - 82x + x2$ $3x = 21 \times 64 - 22 \times 60$ $x = 7 \times 64 - 22 \times 20$ $x = 8$ Hence, mean proportion of (x + 1) i.e. 9 and (7x + 8) i.e. 64 = (9 × 64) = 24

Question 34 :

Pipes A and B can fill a tank in one hour and two hours respectively while pipe C can empty the filled tank in one hour and fifteen minutes. A and C are turned on together at 9 a.m. after 2 hours, only A is closed and B is turned on. When will the tank be emptied?

Difficulty : Moderate   **Average Time : 71 Seconds**

Options :

   12:10 p.m.

2. 10:30 a.m.

3. 12:20 p.m.

4. 11:30 a.m.

Solution :

The correct answer is **Option 3** i.e **12:20 p.m.**

Understanding	Application
Let the total work = LCM of (1, 2, 5/4) = 10 units Efficiency of A = 10/1 = 10 units per hour Efficiency of B = 10/2 = 5 units per hour Efficiency of C = 105/4 = -8 units per hour	Work done by A+C in 2 hours = (10 − 8) × 2 = 4 units The efficiency of B and C = -3 Therefore, time taken by B+C to empty the tank = 4/3 hours = 80 minutes Now the time = 11:00 + 1 hr 20 minutes = 12:20 p.m.

Question 35 :

ABCD is a cyclic quadrilateral whose diagonals intersect at P. If AB = BC, DBC = 70° and BAC = 30°, then the measure of PCD is:

Difficulty : Moderate

Average Time : 63 Seconds

Options :

1. 50°

2. 35°

3. 55°

4. 30°

Solution :

The correct answer is **Option 1** i.e. **50°**

Concept	Understanding	Application
In a cyclic quadrilateral, opposite angles are supplementary angles. Angles made by the same cord of a circle are equal.	Given: AB = BC, DBC = 70° and BAC = 30° D A U G H T E R A D R E G U T H	Since AB = BC So, BAC = BCA = 30° And DBC = DAC = 70° (Angles made by same cord CD) BAD +BCD = 180° 100° + BCD = 180° BCD = 80° So, angle PCD = 80 – 30 = 50°

Question 36 :

The average of thirteen numbers is 80. The average of the first five numbers is 74.5 and that of the next five numbers is 82.5. The 11th number is 6 more than the 12th number and 12th number is 6 less than the 13th number. What is the average of the 11th and the 13th numbers?

Difficulty : Moderate   **Average Time : 82 Seconds**

Options :

1. 87

2. 87.5

3. 86

4. 86.5

Solution :

The correct answer is **Option 1** i.e. **87**

Understanding	Application

Given: Average of 13 numbers = 80 The average of the first 5 numbers = 74.5 And Average of next 5 numbers = 82.5 Suppose 12th number = x Then 11th number = x + 6 13th number = x + 6	Sum of 13 number = 13 x 80 = 1040 Sum of first five number = 5 x 74.5 = 372.5 Sum of next five number = 5 x 82.5 = 412.5 Sum of first 10 number = 372.5 + 412.5 = 785 Now, sum of last three number = 1040 – 785 =255 According to question, x + 6 + x + x + 6 = 255 3x = 255 – 12 3x = 243 x = 81 11th number = 87 13th number = 87 Average = (87 + 87)/2 = 87

Question 37 :

G is the centroid of the triangle ABC, where AB, BC and CA are 7 cm, 24 cm and 25 cm respectively, then BG is:

Difficulty : Moderate

Average Time : 69 Seconds

Options :

$4\frac{1}{6}$ cm

2. $6\frac{1}{3}$ cm

3. $8\frac{1}{3}$ cm

4. $5\frac{1}{2}$ cm

Solution :

Correct Answer is **option 3** i.e. $8\frac{1}{3}$ cm

Concept	Understanding	Application
Median is always half of hypotenuse in right angle triangle. Centroid divides the median in the ratio of 2 : 1	AB, BC and CA are 7 cm, 24 cm and 25 cm. They form Pythagoras triplets as $25^2 = 24^2 + 7^2$ Hence, triangle ABC is a right-angle triangle, right angled at B. DAUGHTER ADREGUTH	Hence, median BM will be half of hypotenuse CA. BM = 25/2 = 12.5 Centroid G will divide the median BM in the ratio 2 : 1 Hence, BG = 2/3 × 12.5 $\therefore BG = 8\frac{1}{3}$ cm

Question 38 :

A sum of Rs. 15,000 is lent at 16% p.a. compound interest. What is the difference between the compound interest for the second year and the third year?

Difficulty : Moderate

Average Time : 208 Seconds

Options :

Rs. 445.44

2. Rs. 548

3. Rs. 454.88

4. Rs. 544

Solution :

The correct answer is **Option 1** i.e. **Rs. 445.44**

Concept	Understanding	Application

For compound interest: $A = P\left(1 + \dfrac{r}{100}\right)^T$	Given: P = Rs. 15000 r = 16% per annum CI	Amount after 1st year = $15000\left(1 + \dfrac{16}{100}\right)$ = 150 × 116 = Rs. 17400 Amount after 2 year = $17400\left(1 + \dfrac{16}{100}\right)$ = 174 × 116 = Rs. 20184 Amount after 3 year = $20184\left(1 + \dfrac{16}{100}\right)$ = 201.84 × 116 = 23413.44 Interest for 2nd year = Amount after 2 years – Amount after 1 year = 20184 – 17400 = Rs. 2784 Interest for 3rd year = Amount after 3 years – Amount after 2 years = 23413.44 – 20184 = Rs. 3229.44 Required difference = 3229.44 – 2784 = Rs. 445.44

Question 39 :

If (8x3 - 27y3) ÷ (2x - 3y) = (Ax2 + Bxy + Cy2), then the value of (2A + B - C) is:

Difficulty : Moderate

Average Time : 65 Seconds

Options :

1. 5

2. 4

3. 3

4. 6

Solution :

Correct Answer is **option 1** i.e. **5**

Concept	Application
Formula: $a^3 - b^3 = (a - b)(a^2 + b^2 + ab)$	$[8x^3 - 27y^3] \div (2x - 3y) = Ax^2 + Bxy + Cy^2$ $[(2x)^3 - (3y)^3] \div (2x - 3y) = Ax^2 + Bxy + Cy^2$ Using the formula: $[2x - 3y][(2x)^2 + (3y)^2 + (2x) \times (3y)] \div (2x - 3y) = Ax^2 + Bxy + Cy^2$ $[4x^2 + 6xy + 9y^2] = Ax^2 + Bxy + Cy^2$ Comparing the coefficients: A = 4, C = 9 and B = 6 Hence, $2A + B - C = 8 + 6 - 9 = 5$

Question 40 :

The volume of a metallic cylindrical pipe is 7480 cm3. If its length is 1.4 m and its external radius is 9 cm, then its thickness (given = 22/7) is:

Difficulty : Moderate

Average Time : 388 Seconds

Options :

1.2 cm

2. 0.9 cm

3. 0.8 cm

4. 1 cm

Solution :

Correct Answer is option **4** i.e. **1 cm**

Concept	Understanding	Application
Volume of hollow cylinder = $(r_1^2 - r_2^2)h$	Given: $r_1 = 9$ cm, $h = 1.4$ m $= 140$ cm Volume of cylinder $= 7480$ cm^3	Volume of cylinder: $22/7 \times (9^2 - r_2^2) \times 140 = 7480$ $(81 - r_2^2) = 748/44$ $81 - r_2^2 = 17$ $r_2 = 64 = 8$ cm Required thickness of cylinder $= r_1 - r_2 = 9 - 8 = 1$ cm

Question 41 :

ABCD is a trapezium in which AB || DC and its diagonals intersect at P. If AP = (3x − 1) cm, PC = (5x − 3) cm, BP = (2x + 1) cm and PD = (6x − 5) cm, then the length of DB is:

Difficulty : Moderate   **Average Time : 263 Seconds**
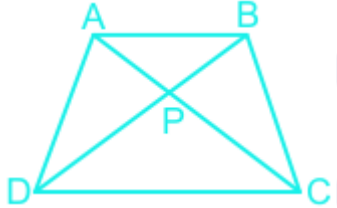
Options :

1. 10 cm

2. 16 cm

3. 12 cm

4. 14 cm

Solution :

Correct Answer is **option 3** i.e. **12 cm**

Concept	Understanding	Application
Similarity of the triangle	Given: AB||DC AP = (3x – 1) cm, PC = (5x – 3) cm, BP = (2x + 1) cm and PD = (6x – 5) cm 	Since, AB||DC ∆APB is similar to ∆CPD. Hence, AP/PC = BP/PD (3x – 1)/(5x – 3) = (2x + 1)/(6x – 5) $18x^2 - 21x + 5 = 10x^2 – x – 3$ $8x^2 - 20x + 8 = 0$ $2x^2 - 5x + 2 = 0$ On solving further: $2x^2 - 4x – x + 2 = 0$ (x – 2) (2x – 1) = 0 Hence, x = 2, 1/2 But x cannot be equal to 1/2 as on putting x = ½, we will get negative values for PD and PC, which is not possible. Putting x = 2 BD = BP + PD = 2x + 1 + 6x – 5 = 12 cm

Question 42 :

If ab + bc + ca = 8 and $a^2 + b^2 + c^2 = 20$, then a possible value of $1/2 \times (a + b + c)[(a - b)^2 + (b - c)^2 + (c - a)^2]$ is:

Difficulty : Moderate

Average Time : 265 Seconds

Options :

1. 72
2. 56
3. 820
4. 84

Solution :

Correct Answer is **option 1** i.e. **72**

Concept	Understanding	Application
$(x + y + z)^2 = x^2 + y^2 + z^2 + 2xy + 2yz + 2zx$	$ab + bc + ca = 8$ and $a^2 + b^2 + c^2 = 20$	Using the formula: $(a + b + c)^2 = 20 + 2 \times 8 = 36$ $(a + b + c) = 6$ Now, $\frac{1}{2}(a + b + c)[(a - b)^2 + (b - c)^2 + (c - a)^2]$ $= \frac{1}{2}(a + b + c)[2(a^2 + b^2 + c^2) - 2(ab + bc + ca)]$ $= \frac{1}{2} \times 6 \times [2 \times (20 - 8)]$ $= 3 \times 24$ $= 72$

Question 43 :

A shopkeeper marks his goods at 40% more than their cost price and allows a discount of 25% on the marked price. His gain or loss percent is:

Difficulty : Moderate

Average Time : 307 Seconds

Options :

5% gain

2. 5% loss

3. 10% loss

4. 15% gain

Solution :

The correct answer is **Option 1** i.e **5% gain**

MP = CP × [1 + markup/100]

SP = MP × [1 − discount/100]

Let the cost price (CP) = Rs. 100

Marked price (MP) = 100 × 1.4 = Rs. 140

At 25% discount:

Selling price (SP) = 140 × 75/100 = Rs. 105

Percentage profit = [(105 − 100)/100] × 100 = 5%

Question 44 :

The income of A is 50% more than that of B. If the income of A is increased by 40% and the income of B is increased by 90%, then the percentage increased in their combined income will be:

Difficulty : Moderate	**Average Time : 49 Seconds**

Options :

1. 70

2. 64

3. 55

4. 60

Solution :

The correct answer is **Option 4** i.e **60**

Understanding	Application

| Let initial income of B = 100

Then,

Initial Income of A = 150

Total initial income = 100 + 150 = 250 | Income of A is increased by 40%:

New income of A = 150 × 1.4 = 210

Income of B is increased by 90%:

New income of B = 100 × 1.9 = 190

Total new income = 210 + 190 = 400

Hence,

Percentage increase = [(400 − 250)/250] × 100 = 1500/25 = 60% |

Question 45 :

If 12cot2 - 31cosec + 32 = 0, 0°   90°, then the values of tan will be:

Difficulty : Moderate

Average Time : 57 Seconds

Options :

1. 4/5, 57/7

2. 4/3, 37/7

3. 4/5, 4/3

4. 5/4, 4/3

Solution :

Correct Answer is **option 2** i.e. **4/3, 37/7**

Concept	Understanding	Application

$\cot^2 = \csc^2 - 1$	Given	$12\cot^2 - 31\csc + 32 = 0$
$\cos^2 = 1 - \sin^2$	$12\cot^2 - 31\csc + 32 = 0$	$12(\csc^2 - 1) - 31\csc + 32 = 0$
	$0° \quad 90°$	$12\csc^2 - 31\csc + 20 = 0$
		$12\csc^2 - 16\csc - 15\csc + 20 = 0$
		$4\csc(3\csc - 4) - 5(3\csc - 4) = 0$
		$(4\csc - 5)(3\csc - 4) = 0$
		$\csc = 5/4 \text{ or } 4/3$
		$\sin = 4/5 \text{ or } 3/4$
		Now,
		$\cos^2 = 1 - (4/5)^2 = 9/25 \text{ or } 1 - (3/4)^2 = 7/16$
		$\cos = 3/5 \text{ or } 7/4$
		$\tan = \sin /\cos$
		$\tan = (4/5)/(3/5) \text{ or } (3/4)/(7/4)$
		$\tan = 4/3 \text{ or } 37/7$

Question 46 :

If CAB is coded as 6 and BED is coded as 40, then how will HAD be coded as?

Difficulty : Moderate　　　　　　　　　　　　**Average Time : 339 Seconds**

Options :

1. 32
2. 16
3. 52
4. 46

Solution :

The correct answer is **option 1** i.e. **32**

Understanding	Application
Each alphabet is represented as the numerical value from 1 to 26. The pattern here is that the numeric values of all the alphabets are multiplied. C = 3, A = 1, B = 2 The code is given by the multiplication of these place values. CAB = 3 x 1 x 2 = 6 Similarly, BED = 2 x 5 x 4 = 40	Therefore, HAD = 8 x 1 x 4 = **32**

Question 47 :

Which two sings should be interchanged in the following equation to make it correct? 10 + 5 ÷ 10 × 8 − 10 = 16

Difficulty : Moderate

Average Time : 56 Seconds

Options :

1. × and +

2. − and +

3. ÷ and ×

4. + and ÷

Solution :

The correct answer is **Option 2** i.e. **− and +**

Understanding

10 + 5 ÷ 10 × 8 − 10 = 16 is to be true.

We need to check with the options.

From option 1, by interchanging signs × and +, we get:

10 × 5 ÷ 10 + 8 − 10 = 5 + 8 - 10 = 3 RHS

From option 2, by interchanging signs - and + , we get

10 - 5 ÷ 10 × 8 + 10 = 10 − 4 + 10 = 16 = RHS

From option 3, by interchanging signs ÷ and × , we get:

10 + 5 × 10 ÷ 8 − 10 = 10 + 50 ÷ 8 − 10 = 6.25 RHS

From option 4, by interchanging signs + and ÷ , we get:

10 ÷ 5 + 10 × 8 − 10 = 2 + 10 × 8 − 10 = 72 RHS

Hence, **– and +** is correct answer.

Question 48 :

Three of the following four words are alike in a certain way and one is different. Pick the odd word out.

Difficulty : Moderate   **Average Time : 71 Seconds**

Options :

1. Godavari

2. Tapti

3. Krishna

4. Mahanadi

Solution :

The correct answer is **option 2** i.e. **Tapti**

Understanding
Tapti river flows westwards and falls in Arabian Sea while all the other three rivers flow eastwards and fall in Bay of Bengal. Hence, **Tapti is the odd one.**

Question 49 :

Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster. MNOP : LONQ : : FGHI : ?

Difficulty : Moderate

Average Time : 50 Seconds

Options :

1. EGHJ
2. DHGK
3. GFIJ
4. EHGJ

Solution :

The correct answer is **option 4** i.e. **EHGJ**

Understanding	Application
Pattern: 1st & 3rd letters are moved backward by 1 and 2nd & 4th letters are moved forward by 1. MNOP : LONQ M – 1 = L N + 1 = O O – 1 = N P + 1 = Q	Similarly, F – 1 = E G + 1 = H H – 1 = G I + 1 = J Hence, EHGJ is the correct answer.

Question 50 :

Which number will replace the question mark (?) in the following series? 98, 95, 86, 82, 66, ?, 36

Difficulty : Moderate

Average Time : 57 Seconds

Options :

1. 61

2. 58

3. 63

4. 60

Solution :

The correct answer is **option 1** i.e. **61**

Understanding	Application
The difference of consecutive terms of the series is to be observed. 98, 95, 86, 82, 66, ?, 36 $98 - 95 = 3$ $95 - 86 = 9 = 3^2$ $86 - 82 = 4$ $82 - 66 = 16 = 4^2$	Next term must be: $66 - 5 = 61$ $61 - 36 = 25 = 5^2$ Hence, **61** is the missing term.

Question 51 :

Select the set in which the numbers are related in the same way as are the numbers of the following set. (5, 13, 12)

Difficulty : Moderate

Average Time : 55 Seconds

Options :

1. (15, 19, 13)

(6, 10, 8)

3. (11, 15, 9)

4. (13, 17, 11)

Solution :

Correct Answer is option 2 i.e. (6, 10, 8)

Concept	Understanding	Application
Pythagoras triplets.	(5, 13, 12) We know that: $13^2 = 5^2 = 12^2$ Hence, it is Pythagoras triplet.	Only option that represents Pythagoras triplet here is (6, 10, 8). Hence, (6, 10, 8) is the correct answer.

Question 52 :

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.
Apathy : Enthusiasm

Difficulty : Moderate

Average Time : 146 Seconds

Options :

1. Condemnation : Reverence

2. Treaty : Friendship

3. Enrolment : Employment

4. War : Attack

Solution :

The correct answer is **option 1** i.e. **Condemnation : Reverence**

Understanding	Application

Apathy and Enthusiasm are Antonyms. Treaty and Friendship are related words. Enrolment and Employment are related words. War and Attack are also related words.	Condemnation means "very strong disapproval" Reverence means "a feeling of great respect" Hence, "Condemnation: Reverence" is the answer.

Question 53 :

Select the number-pair in which the two numbers are related in the same way as are the two numbers of the following number pair. 7 : 32

Difficulty : Moderate   **Average Time : 60 Seconds**

Options :

1. 12 : 85

2. 16 : 145

3. 3 : 11

4. 13 : 98

Solution :

The correct answer is **option 4** i.e. **13 : 98**

Understanding	Application

Pattern: X : Y Y = [X × {(X + 1)/2}] + {(X + 1)/2} 7 : 32 [7 × {(7 + 1)/2}] + {(7 + 1)/2} = 28 + 4 = 32	Similarly, for 13 : 98 [13 × {(13 + 1)/2}] + {(13 + 1)/2} = (13 × 7) + 7 = 98

Question 54 :

Select the combination of letters that when sequentially placed in the gaps of the given letter series will complete the series. bac_cab_cd_a_ac_ca

Difficulty : Moderate   **Average Time : 49 Seconds**

Options :

1. dacbd

2. dcbac

3. cadbc

4. bdabc

Solution :

The correct answer is **option 1** i.e. **dacbd.**

Understanding
Only option 1 gives a logical sequence to the series. bac**d**ca/b**a**cd**c**a/**b**acd**c**a Hence, **dacbd** is the correct answer.

Question 55 :

Two mixtures contain milk and juice in the ratio of 2 : 1 and 4 : 5. If equal volumes of the two mixtures are mixed together,

what would be ratio of milk to juice in the resulting mixture?

Difficulty : Moderate   **Average Time : 53 Seconds**

Options :

1. 7 : 5

2. 1 : 1

3. 5 : 3

4. 5 : 4

Solution :

The correct answer is **option 4** i.e. **5 : 4**

Understanding	Application
Suppose the quantity of each mixture is 9 litres: In 1st mixture: Milk : juice = 2 : 1 = 6 : 3 i.e. total = 9 In 2nd mixture: Milk : juice = 4 : 5 i.e. total = 9	After mixing both the mixtures: Milk : Juice = 6 + 4 : 3 + 5 = 10 : 8 = 5 : 4

Question 56 :

D is the son of C and the brother of E, who is the niece of F. C is the sister of B and the aunt of A. B's sister has two children, a son and a daughter. B is uncle of D. If A is the son of F, how is F related to C?

Difficulty : Moderate   **Average Time : 64 Seconds**

Options :

1. Sister-in-law

2. Aunt

3. Sister

Cousin

Solution :

The correct answer is **option 1** i.e. **Sister-in-law.**

Understanding	Application
As per the given data, following family tree can be drawn:	Hence, F is Sister-in-law of C.

Question 57 :

Two statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statement. Statements: No crow is a bird. All birds are animals. Conclusion: I. Some animals are crows. II. Some animals are birds. III. No animal is a crow.

Difficulty : Moderate   Average Time : 63 Seconds

Options :

1. None of the conclusions follows

2. Only conclusion III follows

3. Conclusion II and either conclusion I or III follows

4. Only conclusions I and III follow

Solution :

The Correct Answer is **option 3** i.e. **Conclusion II and either conclusion I or III follows.**

Understanding

Following venn diagram can be drawn with the help of given statements:

Conclusions:

I. Some animals are crows : **False** (This is possible but not definite, as no direct relationship between the two is given).

II. Some animals are birds : **True** (As, All birds are part of animals, so some animals are birds is true).

III. No animal is a crow : **False** (This is possible but not definite, as no direct relationship between the two is given).

Conclusion I and III forms complementary pairs.

Hence, **Conclusion II and either conclusion I or III follows.**

Question 58 :

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.

Difficulty : Moderate

Average Time : 87 Seconds

Options :

1. 65

2. 217

3. 338

4. 28

Solution :

The correct answer is**option 3** i.e. **338**

Understanding
Pattern:
$X^3 + 1$
$65 = 4^3 + 1$
$217 = 6^3 + 1$
$28 = 3^3 + 1$
But
$338 = 7^3 + 5$
Hence, **338** is the odd one.

Question 59 :

In a code language, COMPUTER is written as OCREPMTU. How will DAUGHTER be written in the same language?

Difficulty : Moderate

Average Time : 47 Seconds

Options :

1. ADREGUTH

2. READTHGU

3. ADTHREGU

4. DERUGTH

Solution :

The correct answer is **option 1** i.e. **ADREGUTH**

Understanding
Application

Similarly,

Hence, **ADREGUTH** is the correct answer.

Question 60 :

'Cinema' is related to 'Audience' in the same way as 'Church' is related to '_____'.

Difficulty : Moderate   Average Time : 55 Seconds

Options :

1. Concentration

2. Congregation

3. Meditation

4. Prayer

Solution :

The correct answer is **option 2** i.e. **Congregation**

Understanding	Application
As 'Audience' is a group of people who come to the Cinema.	Similarly, 'Congregation' is a group of people who assemble for religious worship in Church.

Question 61 :

Two different positions of the same dice are shown. Which number will be at the top if 4 is at the bottom?

Difficulty : Moderate   Average Time : 49 Seconds
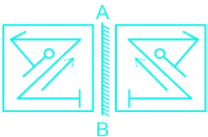
Options :

1. 3

2. 1

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4. 6

Solution :

The correct answer is **option 1** i.e. **3**

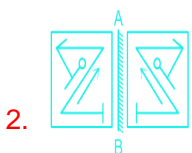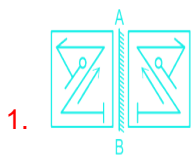| Understanding	Application
In this type of question, we pick the common side and go in a clockwise direction in both positions. 1st position: 2 6 **4** 2nd position: 2 5 **3**	We can see that the side opposite 4 is **3**.

Question 62 :
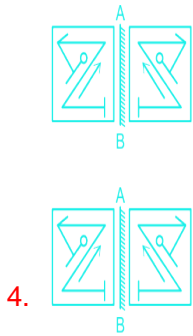Select the option in which the given figure is embedded.

Difficulty : Moderate
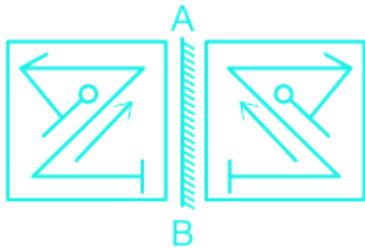
Average Time : 56 Seconds

Options :

1.

2.

3.

4.

Solution :

The correct answer is **option 3**

Understanding
After carefully observing the figures given in the question, it is very clear that the question figure is embedded in answer figure 3

Question 63 :

How many squares are there in the following figure?

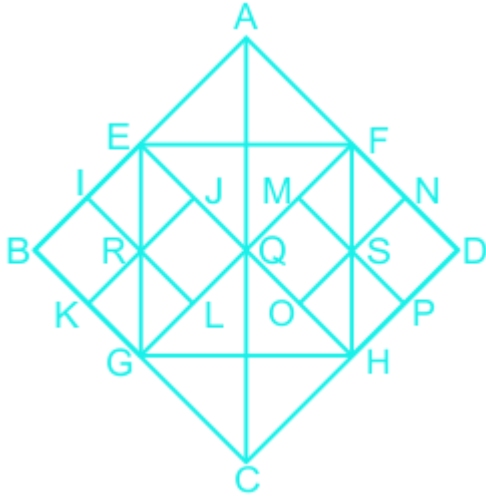**Difficulty : Moderate**   **Average Time : 64 Seconds**

Options :

1. 16

2. 12

3. 18

4. 14

Solution :

The correct answer is **option 4** i.e. **14**

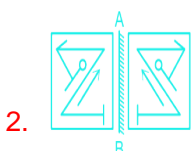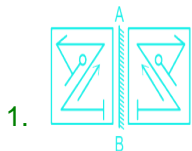| Understanding |
| --- |
| |
| The following squares formed in the figure: |
| ABCD, EFHG, EBGQ, FDHQ, AEQF, QGCH, BIRK, EIRJ, JRLQ, RKGL, QMSO, FMSN, NDPS, SPHO |
| The total number of squares = 14. |

Question 64 :

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

Difficulty : Moderate

Average Time : 51 Seconds

Options :

1.

2.

4.
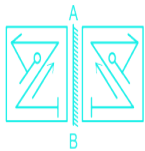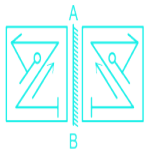
Solution :

The correct answer is **option 1.**

Understanding
The mirror image of the given figure along the mirror is shown below: **Note:** Since the mirror is placed vertically beside the question figure, the image will be formed by inverting the question figure horizontally about the mirror. That means the left side of the figure will become the right side and vice versa. Hence, option 1 is correct.
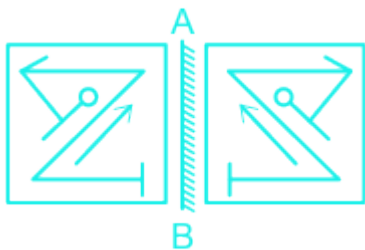
Question 65 :

Select the Venn diagram that best illustrates the relationship between the following classes. Snakes, Reptiles, Poisonous

Difficulty : Moderate   **Average Time : 87 Seconds**

Options :

1.

2.

3.

4.
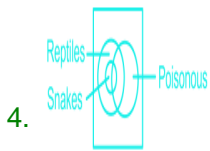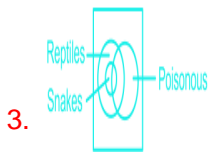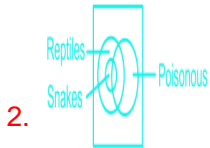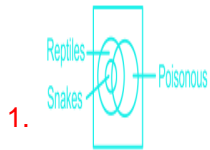
Solution :

The correct answer is **option 4**

Understanding	Application
All snakes are reptiles. Some snakes and reptiles are poisonous.	So, the possible Venn diagram is:

Question 66 :

Which of the following metals is the most reactive element?

Difficulty : Moderate

Average Time : 68 Seconds

Options :

Copper

2. Calcium

3. Iron

4. Zinc

Solution :

The correct answer is **option 2**, i.e. **Calcium.**

The most reactive metal in the given option - Calcium

Reactivity of elements:

- An element's reactivity is its tendency to lose or gain electrons.
- The reactivities of elements can be predicted by periodic trends (patterns within the Periodic Table.)
- The trend for metals is that they become more reactive going down and less reactive going across in the periodic table.

Question 67 :
Who was awarded the Rabindranath Tagore Literary Prize 2019 for the Novel 'Solo'?

Difficulty : Moderate   **Average Time : 51 Seconds**

Options :
1. Amitabh Ghosh

2. Rana Dasgupta

3. Jhumpa Lahiri

4. Nayanjyot Mukherjee

Solution :

The correct answer is **option 2** i.e. **Rana Dasgupta.**

- **Rana Dasgupta** is a British Indian novelist and essayist.
- He was also the literary director of the JCB Prize of Literature.
- Rabindranath Tagore Literary Prize 2019 is a legacy to Rabindranath Tagore, his outstanding contribution to Indian and international literature, as well as to the cultural, educational, and humane ideas he pursued throughout his life.

Question 68 :
The colourful art named Nandna block print, which uses graceful yet aligned arrangements of motifs on fabric, is practiced in Tarapur village of _____.

Difficulty : Moderate

Average Time : 52 Seconds

Options :

1. Madhya Pradesh

2. Uttrakhand

3. Maharastra

4. Odisha

Solution :

The correct answer is option 1, i.e. **Madhya Pradesh.**

The colourful art named Nandna block print, which uses graceful yet aligned arrangements of motifs on fabric, is practiced in Tarapur village of_____.	**Madhya Pradesh**
Nandna block print:-	• Nandana A dyeing craft of hand block printing only practiced in Tarapur village situated on the banks of the Ghambhiri river in Madhya Pradesh. • Nandna printed fabric was regularly worn by the ladies of the Bhil tribe. • It includes Traditionally four motifs namely, Mirch (chili), Champakali (magnolia bud), Amba (mango) & Jalam buta (creeper web).

Question 69 :

Who among the following was a slave of Muhammad Ghori? He became the ruler after the death of his master and founded the Slave Dynasty.

Difficulty : Moderate

Average Time : 118 Seconds

Options :

1. Qutub-ud-din Aibak

2. Iitutmish

3. Ghiyas ud din Balban

Nasir-ud-din Mahmud

Solution :

The correct answer is option 1, i.e. **Qutab-ud-din Aibak**

_____ was a slave of Muhammad Ghori, who became the ruler after the death of his master and founded the Slave Dynasty.	**Qutab-ud-din Aibak**
What was Qutab-ud-din Aibak?	- Qutab-ud-din Aibak was slave of Muhammad Ghori and became ruler of Delhi in 1206 and his dynasty was recognized as Slave Dynasty. - Aibak was succeeded by Aram Shah, and then by his former slave Iltutmish. - He constructed Qutub Minar in Delhi and Adhai Din ka Jhopra in Ajmer.

Question 70 :

Right to move freely throughout the territory of India' is a fundamental right under _____ of the Constitution of India.

Difficulty : Moderate   **Average Time : 115 Seconds**

Options :

1. Article 19

2. Article 24

3. Article 21

4. Article 14

Solution :

The correct answer is **option 1** i.e. **Article 19.**

Right to move freely throughout the territory of India' is a fundamental right under_____ of the Constitution of India.	Article 19

What is Article 19?	• Article 19 is the most important and key article which embodies the "basic freedoms". Article 19(1) provides that all citizens shall have the right- • to freedom of speech and expression; • to assemble peaceably and without arms; • to form associations or unions; • to move freely throughout the territory of India; • to reside and settle in any part of the territory of India; • to practice any profession, or to carry on any occupation, trade or business.

Question 71 :

Which is the longest national highway in India?

Difficulty : Moderate   **Average Time : 98 Seconds**

Options :

1. National Highway 48

2. National Highway 27

3. National Highway 53

4. National Highway 44

Solution :

The correct answer is **option 4** i.e. **National Highway 44**.

Which is the longest national highway in India?	• National Highway 44

National Highway 44:	• National Highway 44 (NH 44) is the longest-running major north–south National Highway in India. • It begins from Srinagar and terminates in Kanyakumari; • The highway passes through the Union Territory of Jammu and Kashmir, as well as the states of Punjab, Haryana, Delhi, Uttar Pradesh, Rajasthan, Madhya Pradesh, Maharashtra, Telangana, Andhra Pradesh, Karnataka, and Tamil Nadu. • NH-44 was constructed and is maintained by the Central Public Works Department (CPWD).
Other highways	• National Highway 48: starts at Delhi and terminates at Chennai traversing through seven states of India • National Highway 53: connects Hajira in Gujarat and Paradeep port in Odisha. • National Highway 27: an East-West National highway in India that starts from Porbandar and terminates in Silchar.

Question 72 :

Who founded and named the science of electromagnetism?

Difficulty : Moderate   **Average Time : 105 Seconds**

Options :

1. James Clerk

2. Hans Christian Oersted

3. Michael Faraday

4. Andre Marie Ampère

Solution :

The correct answer is **option 4**, i.e. **Andre Marie Ampere.**

Who founded and named the science of electromagnetism?	Andre Marie Ampere

Electromagnetism:-	• Electromagnetism is the science of charge and of the forces and fields associated with charge. • Electricity and magnetism are two aspects of electromagnetism.

Question 73 :

International Day of Forests 2019 was observed on 21st March with the theme _____ to raise awareness on how sustainably managed forests provide a wide array of contributions.

Difficulty : Moderate   **Average Time : 57 Seconds**

Options :

1. Forests Our Saviour

2. Forests and Environment

3. Pollution-free Forests

4. Forests and Education

Solution :

The correct answer is option 4, i.e. Forests and Education

International Day of Forests 2019 was observed on 21st March with the theme_____ to raise awareness on how sustainably managed forests provide a wide array of contributions.	**Forests and Education**

International Day of Forests:-	• The International Day of Forests was established on the 21st day of March, by resolution of the United Nations General Assembly on November 28, 2012. • Every 21 March the United Nations raises awareness of the importance of all types of forests. • The theme for each International Day of Forests is chosen by the Collaborative Partnership on Forests.

Question 74 :

The popular Bagh cave paintings are found in _____.

Difficulty : Moderate   **Average Time : 116 Seconds**

Options :

1. Madhya Pradesh

2. Odisha

3. Sikkim

4. Himachal Pradesh

Solution :

The correct answer is **option 1** i.e. **Madhya Pradesh**.

Bagh caves:	• Bagh caves are situated in the state of Madhya Pradesh, Dhar District. • Bagh caves are known for rock-cut architecture. Mainly inspired by Buddhism. • All of the 9 caves are viharas- the caves used for residence by Buddhist Monks.

Question 75 :

Which Indian received the Nobel Peace Prize after Mother Teresa?

Difficulty : Moderate   **Average Time : 51 Seconds**

Options :

1. K Radhakrishnan

2. Fali Nariman

3. P Sathasivam

4. Kailash Satyarthi

Solution :

The correct answer is **option 4** i.e. **Kailash Satyarthi.**

- **Kailash Satyarthi** received the Nobel Peace Prize after Mother Teresa.
- He shared the prize with Malala Yusufzai of Pakistan in 2014.
- Satyarthi is a Children's Activist and founder of Bachpan Bachao Andolan, Global March Against Child Labour and Global Campaign for Education.
- The Nobel Peace Prize is one of the five Nobel Prizes established by the will of Swedish industrialist, inventor, and armaments manufacturer Alfred Nobel, along with prizes in Chemistry, Physics, Physiology or Medicine, and Literature.

Question 76 :

World ___ Day 2022 was observed on 22nd March.

Difficulty : Moderate   **Average Time : 55 Seconds**

Options :

1. Water

2. Forest

3. Environment

4. Petrolium

Solution :

The correct answer is **option 1**, i.e. **Water**.

World____ Day 2022 was observed on 22nd March	Water
World Water Day:	• Water day is observed every year on 22nd March. • Sustainable development goal 6 aims to ensure availability and sustainable management of water for all by 2030. • Every year, UN-Water sets a theme for World Water Day corresponding to a current or future challenge.

Question 77 :

Name the Indian Space Research Organisation (ISRO) chairman and Padma Bhushan awardee who created and unleashed a historical moment when Mars Orbiter became the first Indian spacecraft to enter Martian orbit in a maiden attempt.

Difficulty : Moderate

Average Time : 61 Seconds

Options :

1. Nandan Nilekani

2. K Radhakrishnan

3. Fali Nariman

4. Sundar Pichai

Solution :

The correct answer is option 2, i.e. K Radhakrishnan.

ISRO chairman and Padma Bhushan awardee who created and unleashed a historical moment when Mars Orbiter became the first Indian spacecraft to enter Martian orbit in a maiden attempt:	**K Radhakrishnan**
Mars orbital mission:	- The Mars Orbiter Mission, also called Mangalyaan, is a space probe orbiting Mars since 24 September 2014. - It was launched on 5 November 2013 by the Indian Space Research Organisation. - It is India's first interplanetary mission and it made it the fourth space agency to reach Mars, after Roscosmos, NASA, and the European Space Agency. - K Radhakrishnan was the chairman of Indian Space Research Organization during 2009-2014 and played vital role in making the Mars Orbital Mission a success. - India became the first country to make it a success in its maiden attempt. - It costed about 4.5 billion INR.

Question 78 :

Which was the first Muslim dynasty that ruled India?

Difficulty : Moderate   Average Time : 143 Seconds

Options :

1. Tughlaq dynasty

2. Lodhi dynasty

3. Khilji dynasty

4. Slave dynasty

Solution :

The correct answer is option **4** i.e. **Slave dynasty.**

Which was the first Muslim dynasty that ruled India?	**Slave dynasty**
Slave dynasty:	• Slave dynasty rule from 1206-90 and became the first Muslim dynasty ruled over India. • The Slave dynasty was founded by Qutab-ud-din Aibak. • Though India was invaded multiple times before this i.e. Muhammad Qassim, Muhammad Gori etc. but Slave dynasty became the first dynasty to rule over India. • Qutab-ud-din Aibak, Iltutmish, Razia Sultan, Balban were eminent kings of this dynasty.

Question 79 :
Select the wrongly spelt word.

Difficulty : Moderate   **Average Time : 125 Seconds**

Options :

1. explain

2. expereince

3. except

4. Expire

Solution :
The correct answer is **option 2, i.e. Expereince.**

Correct Spelling and meaning	Usage
The correct spelling of option 2 is '**experience**'	Means '**practical contact with and observation of facts or events**'.

Question 80 :
Select the most appropriate word to fill in the blank. The burning of the effigy of Ravana on Dussehra _____the burning of all the evils.

Difficulty : Moderate

Average Time : 50 Seconds

Options :

1. symbolizes

2. intensifies

3. epitomizes

4. personifies

Solution :

The correct answer is **option 1, i.e. Symbolizes.**

Concept/Grammar rules	Application
The sentence implies that the burning of the effigy of Ravana on Dussehra represents the burning of all evils.	'**Symbolize**' means '**be a symbol of**' and it fits best in the context of the sentence. Hence, '**Symbolizes**' will come in place of the blank.
Meaning of other words: **Intensifies**: to become or make more intense. **Epitomizes**: be a perfect example of. **Personifies**: represent (a quality or concept) by a figure in human form.	

Question 81 :

Given below are four jumbled sentences. Select the option that gives their correct order. A. Mango, the so-called "king of fruits", is something of a national obsession in India. B. There was a bumper crop of mangoes in different states. C. It resulted in prices coming down and sales going up – much to the delight of buyers and sellers alike. D. 2017 proved to be

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a very good year for mango lovers.

Difficulty : Moderate   **Average Time : 84 Seconds**

Options :

1. ADBC
2. ADCB
3. CDAB
4. CADB

Solution :

The correct answer is **option 1, i.e. ADBC.**

Concept/Grammar rules	Application
The sentence A is the first sentence as it introduces the theme of the passage i.e. '**mangoes**'. The sentence D should follow the sentence A as it further tells about the year which proved to be a very good year for mango lovers. The sentence B should be the third sentence as it tells the reason for the good year for mango lovers. Finally, the sentence C concludes the passage aptly.	**Hence, the rearranged order is option 1 i.e. ADBC.**

Question 82 :

Given below are four jumbled sentences. Select the option that gives their correct order. A. Around 600 million of them live in areas of high to extreme water stress. B. India is suffering from the worst water crisis, with one billion people living in water scarcity. C. This is even more than that of China and the US combined. D. The reason is that at 24 percent, India uses the most groundwater drawn-out globally.

Difficulty : Moderate   **Average Time : 85 Seconds**

Options :

1. BADC
2. BDAC
3. ADCB

ABCD

Solution :

The correct answer is **option 1, i.e. BADC.**

Concept/Grammar rule	Application
The sentence B is the first sentence as it introduces the theme of the passage i.e. **'water crisis suffered by India'.** The sentence A should follow the sentence B as it further gives the number of people living in areas of high to extreme water stress. The sentence D tells the reason of water crisis, hence, becomes the third sentence in the passage. The sentence C finally concludes the passage aptly.	**Hence, the rearranged order is option 1 i.e. BADC.**

Question 83 :

Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No improvement'. If you listen to English news, it improve your English.

Difficulty : Moderate

Average Time : 73 Seconds

Options :

1. it improved

2. it is improving

3. it will improve

4. No improvement

Solution :

The correct answer is **option 3, i.e. It will improve.**

Concept /Grammar rule	Application
The given sentence is an example of **first conditional sentences.** The first conditional is a structure we use when we want to talk about possibilities in the present or in the future. When first sentence is in simple present tense, second sentence will be in simple future.	Here, **"If you listen to English news"** is in simple present. Then, second sentence will be in simple future i.e. **"It will improve your English".** **Hence, option 3 is correct.**

Question 84 :

Select the most appropriate meaning of the given idiom. give someone the cold shoulder.

Difficulty : Moderate

Average Time : 77 Seconds

Options :

1. pamper someone

2. ignore someone

3. give away a secret

4. do something pointless

Solution :

The correct answer is **option 2, i.e. Ignore someone.**

Idiom meaning	Usage

The idiom **"Give someone the cold shoulder"** means **"to give no interest to someone or something usually with the intent of purposefully not giving attention."**	For example: I thought she really liked me, but the next day she gave me the cold shoulder.

Question 85 :

Select the most appropriate meaning of the given idiom. pull yourself together.

Difficulty : Moderate   Average Time : 57 Seconds

Options :

1. try to understand

2. do a good job

3. calm down

4. go to sleep

Solution :

The correct answer is **option 3, i.e. calm down.**

Idiom meaning	Usage
The idiom **"Pull yourself together"** means **"to become calm and behave normally again after being angry or upset."** **Hence, option 3 is correct.**	For example: Just pull yourself together. There's no point crying about it.

Question 86 :

Select the word which means the same as the group of words given. An inscription on a tombstone written in memory of the deceased.

Difficulty : Moderate   Average Time : 57 Seconds

Options :

1. slab

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   epitaph

3. pillar

4. basilica

Solution :

The correct answer is **option 2, i.e. Epitaph.**

Word meaning	Meaning of other words:
Epitaph means **"a phrase or form of words written in memory of a person who has died, especially as an inscription on a tombstone."** Thus, **Epitaph** will be the correct one word for the given phrase.	**Pillar**: a tall vertical structure of stone, wood, or metal, used as a support for a building, or as an ornament or monument. **Slab**: a large, thick, flat piece of stone or concrete, typically square or rectangular in shape. **Basilica**: a large oblong hall or building with double colonnades and a semicircular apse, used in ancient Rome as a law court or for public assemblies.

Question 87 :

Select the ANTONYM of the given word. EMINENT

Difficulty : Moderate

Average Time : 72 Seconds

Options :

1. inconspicuous

2. exalted

3. impressive

4. distinguished

Solution :

The correct answer is **option 1, i.e., Inconspicuous.**

Word meaning	Usage	Synonym	Antonym

Eminent means **"famous and respected person within a particular sphere."** The word that is an antonym of this is " **Inconspicuous**: not clearly visible or attracting attention."	For E.g. This work has a vast circulation and is respected by eminent men.	Distinguished, esteemed, famed, prominent, august	Common, insignificant, Obscure, inferior
Meaning of other words: **Exalted**: (of a person or their rank or status) at a high or powerful level. **Impressive**: evoking admiration through size, quality, or skill; grand, imposing, or awesome. **Distinguished**: very successful, authoritative, and commanding great respect.			

Question 88 :
Select the wrongly spelt word.

Difficulty : Moderate   **Average Time : 81 Seconds**

Options :
1. controversial
2. contamporary
3. conquer
4. cooperation

Solution :
The correct answer is **option 2** i.e. '**Contamporary**'.

The meanings of the given words are:

- **Contemporary:** living or occurring at the same time; belonging to or occurring in the present.
- **Cooperation**: the action or process of working together to the same end.
- **Controversial**: giving rise or likely to give rise to controversy or public disagreement.
- **Conquer**: overcome and take control of (a place or people) by military force.

Question 89 :

Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No improvement'. I try to solve this problem at least for two hours.

Difficulty : Moderate

Average Time : 59 Seconds

Options :

1. have been trying to solve

2. no improvement

3. am try to solve

4. tried to be solving

Solution :

The correct answer is **option 1, i.e. have been trying to solve.**

Concept/Grammar rules	Application
The tense of the underlined segment is incorrect. Present perfect continuous tense should be used here. The present perfect continuous tense shows that something started in the past and is continuing at the present time. The present perfect continuous is formed using the construction has/have been + the present participle (root + -ing).	**"try to solve"** should be replaced with **"have been trying to solve".** **Hence, option 1 is correct.**

Question 90 :

Select the SYNONYM of the given word. INDELIBLE

Difficulty : Moderate

Average Time : 67 Seconds

Options :

1. Ineffective

2. illegal

3. inerasable

4. illegible

Solution :

The correct answer is**option 3 i.e. inerasable.**

Word meaning	Usage	Synonym	Antonym
Indelible means **"that cannot be removed or deleted."** The word that is a synonym of this is "**Inerasable**" which means incapable of being erased.	For E.g. The blood had left an indelible mark on her shirt.	ineradicable, ineffaceable, permanent, persisting, persisting.	delible. destructible. erasable. impermanent
Meaning of other words: **Illegal**: contrary to or forbidden by law, especially criminal law. **Illegible**: not clear enough to be read. **Ineffective**: not producing any significant or desired effect.			

Question 91 :

In the sentence identify the segment which contains the grammatical error. Cyclone Idai is regarded as one of the worst tropical cyclone on record to affect Africa and the Southern Hemisphere as a whole.

Difficulty : Moderate

Average Time : 85 Seconds

Options :

1. as a whole
2. Cyclone Idai is regarded
3. to affect africa
4. the worst tropical cyclone

Solution :

The correct answer is **option 4, i.e. the worst tropical cyclone.**

Concept/Grammar rules	Application

Page No: 82

| The quantifier '**one of the**' should always be followed by **a plural noun.** | Therefore, '**cyclone**' must be replaced with '**cyclones**' to resolve disagreement with the noun phrase. |

Question 92 :

In the sentence identify the segment which contains the grammatical error. Every employee of the company were given a two bedroom flat as Diwali bonus.

Difficulty : Moderate   **Average Time : 59 Seconds**

Options :

1. as Diwali bonus

2. a two bedroom flat

3. Every employee

4. were given

Solution :

The correct answer is **option 4, i.e. were given.**

Concept/Grammar rules	Application
'**Were given**' is erroneous because the pronoun '**every**' is always followed by a singular verb.	Therefore, '**were**' must be replaced with '**was**' to form a grammatically correct answer.

Question 93 :

Select the most appropriate word to fill in the blank. There is hope that better forestry management will help in the _____ of the wildlife that is constantly facing threat because of increasing human activities.

Difficulty : Moderate   **Average Time : 59 Seconds**

Options :

1. salvation

2. guarding

3. conservation

4. supervision

Solution :

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The correct answer is **option 3, i.e. conservation.**

Word meaning	Application
Salvation means preservation or deliverance from harm, ruin, loss, and the restoration of the natural environment and of wildlife. **Guarding** means watching over in order to protect or control. **Conservation** means preservation, protection, or prevention of wasteful use of a resource. **Supervision** means to observe and direct the execution of (a task or activity).	The wildlife is facing threat; hence, it should be protected from human activities. It is clear that conservation is the most suitable word while talking about wildlife or nature.

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. Pigeon racing has become increasingly popular in parts of China (1)_____ the country's elite and its middle class. Sun Yan, the deputy general-secretary of Beijing Racing Pigeons Association,(2)_____ that at least 100,000 pigeon breeders live in Beijing, and (3)_____ 90,000 of them are registered with Racing Pigeons Associations at (4)_____ levels, to qualify for the games held in the spring and autumn. Competitions can be lucrative for (5)_____ owners, with some prizes amounting to tens of thousands of dollars. Liu said in recent years, pigeon racing has been surging in popularity across China.

Question 94 :
Select the most appropriate option for blank No. (1).

Difficulty : Moderate

Average Time : 96 Seconds

Options :

1. among

2. against

3. about

4. along

Solution :
The correct answer is **option 1, i.e. among.**

Concept/Grammar rules	Application

The blank needs a preposition that implies **'occurring in or shared by (some members of a group or community)'**.	Hence, **among** will be the appropriate choice here, as it is used when we are talking about things or people as a group.

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. Pigeon racing has become increasingly popular in parts of China (1)_____ the country's elite and its middle class. Sun Yan, the deputy general-secretary of Beijing Racing Pigeons Association,(2)_____ that at least 100,000 pigeon breeders live in Beijing, and (3)_____ 90,000 of them are registered with Racing Pigeons Associations at (4)_____ levels, to qualify for the games held in the spring and autumn. Competitions can be lucrative for (5)_____ owners, with some prizes amounting to tens of thousands of dollars. Liu said in recent years, pigeon racing has been surging in popularity across China.

Question 95 :

Select the most appropriate option for blank No. (2).

Difficulty : Moderate   **Average Time : 83 Seconds**

Options :

1. said
2. advised
3. clarified
4. told

Solution :

The correct answer is **option 1, i.e. said.**

Concept/Grammar rules	Application
Here the sentence is about conveying some information by the deputy general secretary of Beijing Racing Pigeons Association. Hence, the word related to conveying information will be used here.	Out of the given options, '**said**' meaning '**utter words so as to convey information, an opinion, a feeling or intention, or an instruction'** is the apt word to fill in the blank. **Hence, option 1 is the correct answer.**

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. Pigeon racing has become increasingly popular in parts of China (1)_____ the country's elite and its middle class. Sun Yan, the deputy general-secretary of Beijing Racing Pigeons

Association,(2)_____ that at least 100,000 pigeon breeders live in Beijing, and (3)_____ 90,000 of them are registered with Racing Pigeons Associations at (4)_____ levels, to qualify for the games held in the spring and autumn. Competitions can be lucrative for (5)_____ owners, with some prizes amounting to tens of thousands of dollars. Liu said in recent years, pigeon racing has been surging in popularity across China.

Question 96 :

Select the most appropriate option for blank No. (3).

Difficulty : Moderate   Average Time : 91 Seconds

Options :

1. almost

2. utmost

3. exact

4. nearby

Solution :

The correct answer is **option 1, i.e. almost.**

Concept/Grammar rules	Application
We need a word which goes with '**at least**' specified in the first part of the sentence.	'**almost**' meaning '**not more than**' is the apt fit for the blank.

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. Pigeon racing has become increasingly popular in parts of China (1)_____ the country's elite and its middle class. Sun Yan, the deputy general-secretary of Beijing Racing Pigeons Association,(2)_____ that at least 100,000 pigeon breeders live in Beijing, and (3)_____ 90,000 of them are registered with Racing Pigeons Associations at (4)_____ levels, to qualify for the games held in the spring and autumn. Competitions can be lucrative for (5)_____ owners, with some prizes amounting to tens of thousands of dollars. Liu said in recent years, pigeon racing has been surging in popularity across China.

Question 97 :

Select the most appropriate option for blank No. (4).

Difficulty : Moderate   Average Time : 81 Seconds

Options :

    differed

2. differential

3. differ

4. different

Solution :

The correct answer is **option 4, i.e. different.**

Concept/Grammar rules	Application
The blank needs an adjective to modify the noun '**levels**' which means '**distinct**'.	'**Different**' meaning '**not the same as another or each other; unlike in nature, form, or quality** is the apt fit for the blank.

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. Pigeon racing has become increasingly popular in parts of China (1)_____ the country's elite and its middle class. Sun Yan, the deputy general-secretary of Beijing Racing Pigeons Association,(2)_____ that at least 100,000 pigeon breeders live in Beijing, and (3)_____ 90,000 of them are registered with Racing Pigeons Associations at (4)_____ levels, to qualify for the games held in the spring and autumn. Competitions can be lucrative for (5)_____ owners, with some prizes amounting to tens of thousands of dollars. Liu said in recent years, pigeon racing has been surging in popularity across China.

Question 98 :
Select the most appropriate option for blank No. (5).

Difficulty : Moderate   **Average Time : 85 Seconds**

Options :

1. bird

2. pet

3. animal

4. pigeon

Solution :

The correct answer is **option 4, i.e. pigeon.**

Concept/Grammar rules	Application
In the given sentence, we require a singular noun because the word following is plural **i.e. owners.** Also we need a word related to **pigeon** as the passage is all about pigeons only.	For the sentence to be in complete agreement we will use **pigeon**. **Hence, option 4 is correct.**

Question 99 :
Select the antonym of the given word. AGONY

Difficulty : Moderate

Average Time : 55 Seconds

Options :

1. misery
2. comfort
3. anxiety
4. distress

Solution :

The correct answer is **option 2, i.e. comfort.**

Word meaning	Usage	Synonym	Antonym
Agony means **"extreme physical or mental suffering."** The word that is synonym of this is "**Comfort**" which means a state of physical ease and freedom from pain or constraint.	For E.g. The agony of being so close to our goal but failing gnaws at our insides while we replay the events over and over in our heads.	pain hurt suffering torture torment anguish affliction	contentment happiness joy comfort health peace success

Meaning of other words:			
Anxiety: a feeling of worry, nervousness, or unease about something with an uncertain outcome. **Distress**: extreme anxiety, sorrow, or pain. **Misery**: a state or feeling of great physical or mental distress or discomfort.			

Question 100 :

Select the word which means the same as the group of words given. An enclosure to keep the birds in.

Difficulty : Moderate **Average Time : 93 Seconds**

Options :

1. stable
2. sanctuary
3. apiary
4. aviary

Solution :

The correct answer is **option 4, i.e. aviary.**

Meaning	Meaning of the other words
Aviary is a large cage, building, or enclosure for keeping birds in. **Hence, it is apt one word for the given phrase.**	**Apiary**: a place where bees are kept; a collection of beehives. **Stable**: a building set apart and adapted for keeping horses. **Sanctuary**: a nature reserve. **Hence, these options are incorrect.**

Ssc Cgl Tier I Previous Year Question Paper

Analysis

The analysis of Ssc Cgl Tier I Previous Year Question Paper held on 2019-06-06 in the Morning exam is as follows:

1. 100 questions were moderate.
2. The safe score is 140 marks.
3. 25 questions were asked from General Awareness, 25 questions were asked from Logical Reasoning, 25 questions were asked from English Language and 25 questions were asked from Quantitative Aptitude
4. 52 questions should have been skipped if you were short of time.

Ssc Cgl Tier I Previous Year Question Paper Topic Wise Weightage

General Awareness

1. Polity - 1
2. GK Misc - 24

Logical Reasoning

1. Coding Decoding - 1
2. Analogy - 4
3. Classification - 3
4. Blood Relations - 1
5. Syllogism - 1
6. Venn Diagrams - 1
7. Figure Based - 4
8. Paper-cutting, Folding, Punching - 1
9. Configuration, Fitting Pieces, Odd Pieces - 1
10. Series - 2
11. Puzzle - 1
12. Mathematical Reasoning - 4
13. Cubes And Dice - 1

English Language

1. One Word Substitution - 1
2. Voice - 23

Incorrectly Spelt - 1
4. Incorrectly Spelt - 1

Quantitative Aptitude

1. Average - 1
2. Percentage - 1
3. Data Interpretation - 4
4. Time Speed And Distance - 1
5. Interest - 2
6. Ratios And Proportion - 1
7. Geometry - 4
8. Trigonometry - 3
9. Mensuration - 1
10. Algebra - 2
11. Number System - 1
12. Profit And Loss - 3
13. Pipes And Cistern - 1

Ssc Cgl Tier I Previous Year Question Paper Tips and Tricks

TIPS & TRICKS

1. Try to solve Ssc Cgl Tier I Previous Year Question Paper without taking any help from the solutions.
2. Ssc Cgl Tier I Previous Year Question Paper require proper usage of concept so firstly read the question thoroughly and then use the right concept.

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