





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 2020-03-03 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 :

Select the passive form of the given sentence. The manager keeps the work pending.

Difficulty : Moderate

Options :

- 1. The work has been kept pending by the manager.
- 2. The work was kept pending by the manager.
- 3. The work is kept pending by the manager.
- 4. The work are being kept pending by the manager.

Solution :

The correct answer is option 3 i.e. The work is kept pending by the manager.

Active voice- subject + v1/v5 + object + other words.

Passive voice - Object + is/am/are + v3 + by + subject + other words.

As the chosen option follows this structure it will be correct.

Question 2 :

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



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Average Time : 42 Seconds



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Difficulty : Moderate

Average Time : 66 Seconds

Options :

- 1. BADC
- 2. BDCA
- 3. CBDA
- 4. CADB

Solution :

The correct answer is option 3 i.e. CBDA.

- Statement C introduces the theme of the paragraph hence it should come at the starting of the statement.
- Statement C tells about "change" and statement B expresses the meaning of this change "This change can be expressed in two ways." hence statement B will come after C.
- Statement D will come after B as it expresses the two ways that have been talked in statement B.
- Finally, A will be the last statement.
- Now we have the final arrangement i.e. CBDA.

Hence, the chose option will be correct.

Question 3 :

Fill in the blank with the most appropriate word. We must	help to the homeless and physically disabled people.
---	--

Difficulty : Moderate

Options :

- 1. render
- 2. donate
- 3. exert
- 4. contribute

Solution :

The correct answer is option 1 i.e. render.

Let's have a look at the meaning of the given words:

- 1. render- to cause somebody/something to be in a certain condition.
- 2. donate- to give money or goods to an organization, especially one for people or animals who need help.



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Average Time : 61 Seconds



exert- to make use of something, for example, influence, strength, etc., to affect somebody/something.4. contribute- to give a part of the total; being together with others.

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The meaning of the chosen option shows "certainty" that is in the given statement in the form of "must".

The correct sentence will be-

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

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Hence, the chosen option will be correct.

Question 4 :

Which of these institutions fixes the Repo Rate and the Reverse Repo Rate in India?

Difficulty : Moderate

Options :

- 1. Ministry of Finance
- 2. State Bank of India
- 3. Reserve Bank of India
- 4. Comptroller and Auditor General of India

Solution :

The correct answer is option 3 i.e. Reserve Bank of India.

- In short, the RBI absorbs surplus money from banks against the collateral of eligible government securities on an overnight basis.
- This happens under the Liquidity Adjustment Facility or LAF under the Reverse Repo Rate.
- The Reserve Bank of India is India's central bank which is responsible for the issue and supply of the Indian rupee and the regulation of the Indian banking system.

Question 5 :

Which of the following books is not written by Salman Rushdie?

Difficulty : Moderate

Options :

- 1. Shame
- 2. Midnight's Children
- 3. An Area of Darkness



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Average Time : 77 Seconds

Average Time : 55 Seconds

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The Satanic Verses

Solution :

The correct answer is option 3 i.e. An Area of Darkness.

An Area of Darkness	An Area of Darkness is a book written by V. S. Naipaul in 1964.	
	It is a travelogue detailing Naipaul's trip through India in the early sixties.	
	It was the first of Naipaul's acclaimed Indian trilogy which includes India: A Wounded Civilization and India: A Million Mutinies Now.	

Question 6 :

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

Difficulty : Moderate

Options :

- 1. Chandrika Kumaratunga
- 2. Gotabaya Rajapaksa
- 3. D.M. Jayaratne
- 4. Maithripala Sirisena

Solution :

The correct option is option 2 i.e. Gotabaya Rajapaksa.

Gotabaya	Lieutenant Colonel Nandasena
	Gotabaya Rajapaksa is a Sri Lankan
	politician and a former military officer
кајаракза	currently who is serving as the 8th
	President of Sri Lanka since 2019.

Average Time : 58 Seconds



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	Percy Mahinda Rajapaksa, commonly	
	Prime Minister of Sri Lanka and	
	Minister of Finance since 2019.	

Question 7 :

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

Difficulty : Moderate

Options :

- 1. Vikram Seth
- 2. Romila Thapar
- 3. Shashi Tharoor
- 4. Ramchandra Guha

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Solution :

The correct answer is option 3 i.e. Shashi Tharoor.

An Era of	In this explosive book, bestselling
Darkness:	author Shashi Tharoor reveals with
The British	acuity, impeccable research, and
Empire in	trademark wit, just how disastrous
India	British rule was for India.

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Besides examining the many ways in
which the colonizers exploited India,
ranging from the drain of national
resources to Britain, the destruction of
the Indian textile, steel-making and
shipping industries, and the negative
transformation of agriculture, he
demolishes the arguments of Western
and Indian apologists for Empire on the
supposed benefits of British rule,
including democracy and political
freedom, the rule of law, and the
railways.

Question 8 :

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

Difficulty : Moderate

Options :

- 1. Enrico Fermi
- 2. J.S. Fleming
- 3. James Chadwick
- 4. Max Plank

Solution :

The correct answer is option 3 i.e. James Chadwick.

James Chadwick	Sir James Chadwick, CH, FRS was a British physicist who was awarded the 1935 Nobel Prize in Physics for his discovery of the neutron in 1932.	
	In 1941, he wrote the final draft of the MAUD Report under Manhattan Project, which inspired the U.S. government to begin serious atomic bomb research efforts.	

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Average Time : 67 Seconds





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Question 9 :

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

Difficulty : Moderate

Average Time : 56 Seconds

Options :

- 1. Jharkhand
- 2. Haryana
- 3. Chhattisgarh
- 4. Odisha

Solution :

The correct option is option 3 i.e. Chattisgarh.

hri Bhupesh aghel	Bhupesh Baghel (born 23 August 1961) is an Indian politician.
	He is the current chief minister of Chattisgarh.

Question 10:

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

Difficulty : Moderate

Options:

- 1. Kochi
- 2. Madurai
- 3. Mangalore
- 4. Visakhapatnam

Solution : The correct option is option 4 i.e. Visakhapatnam. **Average Time : 44 Seconds**

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Araku Valley	Araku Valley is a hill station and valley region in the southeastern Indian state of Andhra Pradesh.
	The Eastern Ghats surrounds this region.
	Visakhapatnam is just 3 hours away from Araku Valley.

Question 11:

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

Difficulty : Moderate

Options :

- 1. Shah Jahan
- 2. Akbar
- 3. Aurangzeb
- 4. Jahangir

Solution :

The correct option is option 4 i.e. Jahangir.

Sir Thomas Roe	Sir Thomas Roe was an English diplomat of the Elizabethan and Jacobean periods.
	To seek a trade agreement, Roe arrived at the port of Surat in September 1615 with a letter from King James I to the then reigning Mughal Emperor, Jahangir.
	He tried to settle a trade agreement but could not even after trying for four years after which he eventually went back to England in 1619.

Average Time : 51 Seconds



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Question 12 :

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

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Difficulty : Moderate

Average Time : 59 Seconds

Options :

- 1. Carpology
- 2. Cynology
- 3. Chrematistics
- 4. Craniology

Solution :

The correct answer is option 2 i.e. Cynology.

Cynology	Cynology is the study of matters related to canines or domestic dogs.
	Sometimes, it is used to denote a serious zoological approach to the study of dogs as well as by writers on canine cases, dog breeders, trainers and enthusiasts who like to study about the dogs informally.

Question 13 :

The ruins of the ancient city of Hampi - the capital of Vijayanagara - are located in which present-day Indian state?

Difficulty : Moderate

Average Time : 54 Seconds

Options :

- 1. Bihar
- 2. Haryana
- 3. Telangana
- 4. Karnataka

Solution :

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The correct answer is option 4 i.e. Karnataka.

Hampi:

- Hampi is a town in Hospet taluk of the Ballari district in the Indian state of Karnataka.
- it is located along the Tungabhadra River in the east and center parts of the state.

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Question 14 :

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

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Difficulty : Moderate

Average Time : 45 Seconds

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Options :

- 1. Rome
- 2. Paris
- 3. New York
- 4. Brussels

Solution :

The correct option is option 1 i.e. Rome.

World Food Programme	The World Food Programme is the food-assistance branch of the United Nations.
	It is the world's largest humanitarian organization which focuses upon hunger and food security, and the largest provider of school meals.
	It was founded in 1961 and is headquartered in Rome and has offices in 80 countries.

Question 15 :

What is the more common name for solid carbon dioxide?

Difficulty : Moderate

Average Time : 54 Seconds



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Options :

- 1. Potash
- 2. Dry Ice
- 3. Quick Silver
- 4. Epsom

Solution :

The correct option is option 2 i.e. Dry Ice.

Solid Carbon Dioxide	Dry ice is the solid form of carbon dioxide.	
	It is used primarily as a cooling agent but is also used in fog machines at theatres for dramatic effects.	
	It is useful for preserving frozen foods where mechanical cooling is unavailable.	

Question 16 :

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

Difficulty : Moderate

Options :

- 1. Oman
- 2. Abu Dhabi
- 3. Dubai
- 4. Kuwait

Solution :

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

Average Time : 56 Seconds



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Qaboos	Qaboos bin Said Al Said was the	
bin Said Al	Sultan of Oman from 23 July 1970	
Said	until his death.	
	A fifteenth-generation descendant of the founder of the House of Al Said, he was the longest-serving leader in the Middle East and the Arab world at the time of his death.	

Question 17 :

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

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Difficulty : Moderate

Options :

- 1. 1814
- 2. 1816
- 3. 1818
- 4. 1820

Solution :

The correct option is option 3 i.e. 1818.

Sanchi	Sanchi was discovered in 1818 after it had been abandoned for nearly 600 years and slowly the archaeological site was explored, excavated and conserved.	
	The religious establishment at Sanchi was founded by the Mauryan Emperor, Ashoka (c. 272-237 BC).	
	Sanchi Town is a Nagar panchayat in Raisen District of the state of Madhya Pradesh, India in the present scenario.	

Average Time : 53 Seconds



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Question 18 :

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

Difficulty : Moderate

Average Time : 56 Seconds

Options :

- 1. Rajasthan
- 2. Maharashtra
- 3. Gujarat
- 4. Odisha

Solution :

The correct option is option 2 i.e. Maharashtra.

Savithribai Phule	Savitribai Phule was an Indian social reformer, educationalist, and poet from Maharashtra.	
	She is considered as the first female teacher of India.	
	Along with her husband, Jyotirao Phule, she played an important and vital role in improving women's rights in India.	
	She is regarded as the mother of Indian feminism.	

Question 19 :

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

Difficulty : Moderate

Average Time : 59 Seconds

Options :

1. Elephants



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Cows

- 3. Horses
- 4. Tigers

Solution :

The correct answer is option 3 i.e. Horses.

Maqbool Fida Husain	Maqbool Fida Husain better known as M. F. Husain was an Indian artist known for executing bold, vibrantly coloured narrative paintings in a style which is called Modified Cubist style.	
	He was one of the most renownned and internationally recognized Indian artists of the 20th century.	
	Riderless, his horses look out across timeless landscapes or back towards an unseen audience.	

Question 20:

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

Difficulty : Moderate

Options :

- 1. Manmohan Singh
- 2. Narendra Modi
- 3. Ram Nath Kovind
- 4. Amarinder Singh

Solution : The correct option is option 2 i.e. Narendra Modi. Average Time : 62 Seconds



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Kartarpur Corridor	Prime Minister Narendra Modi inaugurated the Kartarpur corridor and flagged off the first batch of over 500 Indian pilgrims.	
	The Kartarpur Corridor is a visa-free border crossing and secure corridor, connecting the Gurdwara Darbar Sahib in Pakistan to the border with India.	
	This allows Sikh devotees from India to visit the gurdwara in Kartarpur, 4.7 kilometres from the India–Pakistan border on the Pakistani side without a visa.	

Question 21 :

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

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Difficulty : Moderate

Average Time : 62 Seconds

Options :

- 1. Viacom
- 2. Disney
- 3. Sony
- 4. Time Warner

Solution :

The correct option is option 2 i.e. Disney.

21st	Dianov acquired 21st Contury Fox	
Contury	Disney acquired 21st Century Fox	
Century	Company on March 20, 2019	
Fox		
-		

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The reason for acquiring it is that		
Disney wants Fox's business to create a		
larger suite of movies, television shows,		
and sports, as it invests in its own online		
streaming platforms to compete with		
Netflix and Amazon.		

Question 22:

Red worms have a structure named ______ which helps them in grinding their food.

Difficulty : Moderate

Options :

- 1. Gizzard
- 2. Esophagus
- 3. Crop
- 4. Intestine

Solution :

The correct option is option 1 i.e. Gizzard.

Redworm	Red Worms have no teeth for chewing food.	
	They grind food in their gizzard by muscle action.	
	The contractions from the muscles in the gizzard compress those particles against each other, mix it with fluid, and grind it to smaller pieces.	

Question 23:

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

Difficulty : Moderate

Average Time : 54 Seconds

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Average Time : 53 Seconds





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Options:

- 1. Cricket
- 2. Archery
- 3. Chess
- 4. Badminton

Solution :

The correct answer is option 3 i.e. Chess.

- Harika Dronavalli is an Indian chess grandmaster.
- She has won three bronze medals in the Women's World Chess Championship, in 2012, 2015 and 2017.
- Dronavalli was honoured with the Arjuna Award for the year 2007–08 by the government of India.

Question 24 :

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

Difficulty : Moderate

Average Time : 44 Seconds

Options :

- 1. Gujarat
- 2. Karnataka
- 3. Bihar
- 4. Kerala

Solution :

The correct answer is option 4 i.e. Kerala.

Kerala	Kolathunadu, Valluvanad and Thekkumkoor were ancient small time kingdoms in Kerala.		
	Kolattunadu was one of the 4 most powerful kingdoms on the Malabar Coast.		

Question 25:

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

Difficulty : Moderate

Average Time : 45 Seconds



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Options:

- 1. Brian Lara
- 2. A.B. de Villiers
- 3. Rohit Sharma
- 4. Virat Kohli

Solution :

The correct option is option 4 i.e. Virat Kohli.

Virat Kohli	Kohli had scored four double centuries in four consecutive series.
	He also went past 5000 Test runs, becoming the fourth-quickest Indian.
	He is second fastest Indian batsman to score 20 hundred in Test cricket.

Question 26 :

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

Difficulty : Moderate

Options :

- 1. 18%
- 2. 32%
- 3. 28%
- 4. 10%

Solution : The correct answer option 3 i.e 28%. Average Time : 53 Seconds



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 The Goods and Services Tax Council fixed a uniform tax rate of 28 percent on both state and private lottery in December 2019.

ltem	Old Rate	New Rate
Mobile phones and specified parts	12%	18%
Handmade matches	5%	12%
Other than handmade matches	18%	12%
Aircraft MRO (Maintenance, Repair, Overhaul) services	18%	5% (with full ITC)
Lotteries (State-owned)	12%	28%
Lotteries (State-authorised)	28%	28%
Woven and non-woven fabrics	12%	18%
Sacks of Polythene and Polypropylene in nature	12%	18%

Question 27:

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

Difficulty : Moderate

Options :

Average Time : 94 Seconds





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Vidya Balan

- 2. Kareena Kapoor
- 3. Deepika Padukone
- 4. Kajol

Solution : The correct option is option 1 i.e. Vidya Balan.

Mara Orbitar Mission	
(Movie) tirelessly towards their only	motive, the
Mission personal and professional I	ves and work
Mangal scientists at ISRO, battle in	their
The plot of the movie is a g	roup of

Question 28:

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

Difficulty : Moderate

Options :

- 1. Incus
- 2. Femur
- 3. Malleus
- 4. Stapes

Solution :

The correct answer is option 2 i.e. Femur.

The femur is the only bone in the thigh Femur and the longest bone in the body.

Average Time : 50 Seconds

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It acts as the site of origin and attachment of many muscles and ligaments and can be divided into three parts; proximal, shaft and distal.



Question 29 :

The given table shows the number (in thousands) of cars five different models A,B,C,D and E produced during years 2012-2017. Study the table and answer the question that follow If 2013 and 2014 are put together, which type of cars constitute exactly 25% of the total number of cars produced in those 2 years?

Difficulty : Moderate		Average Time : 61 Seconds
Options : 1. C		
2. D		
3. E		
4. B		
Solution :		
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The correct answer is Option 2 i.e. D

Understanding	Application
Tricks	Total of 2013 and 2014 together = 130 + 170 = 300
Now	25% of 300 = 75 So The sum of D = 75 (in 2013 & 2014) = 40 + 35 = 75
Hence	D

Question 30:

The area of ABC is 44 cm2. If D is the midpoint of BC and E is the midpoint of AB, then the area (in cm2) of BDE is :

Difficulty : Moderate

Options :

- 1.44
- 2. 5.5
- 3. 11
- 4. 22

Solution :

The correct answer is Option 3 i.e. 11

Application

Average Time : 53 Seconds



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Question 31:

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

Difficulty : Moderate

Options:

- 1.16
- 2.8
- 3. 20
- 4. 12

Average Time : 68 Seconds

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Solution :

The correct answer is **Option 4** i.e. **12**

Application
Change in area = x% =
= + 40 - 20 + (+40)(-20)/100
= 20 - 800/100
= 20 - 8
= 12
x = 12%

Question 32:

The given table shows the number (in thousands) of cars five different models A,B,C,D and E produced during years 2012-2017. Study the table and answer the question that follow. In the year 2015, which type of car constitutes exactly 20% of the total number of cars produced that year?

Difficulty : Moderate

Average Time : 51 Seconds

Options :

- 1. E
- 2. B
- 3. D
- 4. A

Solution :

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

Understanding	Application
Tricks	The total in 2015 = 100
	So
	20% = 20



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	The model E having 20
Hence	So E is correct answer

Question 33 :

If $A + B = 45^{\circ}$, then the value of $2(1 + \tan A)(1 + \tan B)$ is:

Difficulty : Moderate

Average Time : 45 Seconds

Options :

- 1.4
- 2. 0
- 3. 2
- 4.1



Solution :

The correct answer is Option 1 i.e. 4

Understanding	Application
	Given
	A + B = 45°
Tricks	We know
	tan(A + B) = (tanA + tanB)/(1 - tanA.tanB)



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	-
	tan45 = (tanA + tanB)/(1 - tanA.tanB)
Now	1 = (tanA + tanB)/(1 - tanA.tanB)
	1 - tanA.tanB = tanA + tanB
	1 = tanA + tanB + tanA.tanB
	$1 + 1 = 1 + \tan A + \tan B(1 + \tan A)$ (adding 1 in both sides)
	2 = (1 + tanA) (1 + tanB)
Hence	2(1 + tanA) (1 + tanB) = 2 × 2
	= 4

Question 34 :

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

Difficulty : Moderate

Options :

- 1. 10.8 km/h
- 2. 25.5 km/h
- 3. 32.45 km/h
- 4. 30.75 km/h

Solution :

The correct answer is option 2 i.e. 25.5 km/h

Understanding Application Average Time : 68 Seconds



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Tricks	let the length of the train is x m we know	
	speed = distance/time	
	Since in both case, the speed of the train is constant	
	So	
Now	x/12 = (x + 170)/36	
	x = (x + 170)/3	
	3x = x + 170	
	2x = 170	
	x = 85	X LIVE
	speed = 85/12	
Hence	= 85/12 × 18/5	
	= 25.5 km/h	

Question 35 :

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

Difficulty : Moderate

Options:

- 1.84
- 2. 102
- 3.96
- 4. 116

Solution : The correct answer is **Option 2** i.e. **102** Average Time : 65 Seconds



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Application	
Given	
Average = 136	
So,	
the sum of all 6 numbers = 816	
According to question:	
The sum of (1st to 5th) numbers = 7 times of 6th number	
Now,	
Let 6th number is x	
So,	
7x + x = 816	
8x = 816	
x = 102	
Hence,	
6th number is 102	

Question 36 :

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

Average Time : 59 Seconds

Difficulty : Moderate

Options :

- 1.4:1
- 2.2:1
- 3.1:4



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1:2

Solution :

The correct answer is Option 3 i.e. 1:4

Given :

Base radius ratio = r_1 : r_2 = 3 : 4

Height ratio = h_1 : h_2 = 4 : 9

Formula used :

Volume of cylinder = $(pi r^2h)$ ----- (1)

Calculations :

Using equation (1), we get

Let the radius of the cylinders be r_1 and r_2 and height be h_1 and h_2

According to the question, we have

Volume(V₁) of first cylinder : Volume(V₂) of second cylinder

 $V_1 : V_2 = ((pi r_1^2h_1)) : ((pi r_2^2h_2))$

$$V_1 : V_2 = (3)^2 \times 4 : (4)^2 \times 9$$

$$V_1 : V_2 = 9 \times 4 : 16 \times 9$$

$$V_1 : V_2 = 36 : 144$$

$$V_1 : V_2 = 1 : 4$$

Short trick :



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Tricks	The volume of the 1st cylinder/Volume of the 2nd cylinder = $r_1^2 h_1/r_2^2 h_2$ = $[3 \times 3 \times 4]/[4 \times 4 \times 9]$ = 1/4
Hence	1:4

Question 37:

The radius of a circular garden is 42 m. The distance (in m) covered by running 8 rounds it, is:

Difficulty : Moderate

Options :

- 1. 2112
- 2. 1124
- 3. 4262
- 4. 3248

Solution :

The correct answer is Option 1 i.e. 2112

Understanding	Application
Tricks	The total distance in one round = 2r
	in 8 round
	round = $2r$ in 8 round = $16r$ = $16 \times 22/7 \times 42$ = $16 \times 22 \times 6$
Hence	
	= 16 × 22 × 6





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Hence Total distance = 2112	Total distance = 2112
-----------------------------	-----------------------

Question 38:

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

Difficulty : Moderate

Average Time : 58 Seconds

Options :

- 1.15
- 2. 25
- 3. 20
- 4. 30

Solution :

The correct answer is Option 3 i.e 20

Understanding	Application
Tricks	Total girls in beginning = $640/8 \times 3 = 240$
	& BOys in beginning = 640/8 × 5
	= 400
	Boys/Girls = (400 + x)/(240 + 30) = 14/9
	(400 + x)/270) = 14/9
Now	(400 + x)/30 = 14
	(400 + x) = 420
	x = 420 - 400
Hence	boys = 20



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Question 39 :

The given table shows the number (in thousands) of cars five different models A,B,C,D and E produced during years 2012-2017. Study the table and answer the question that follow. The percentage increase in the total cars in 2016 over 2012, is:

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Difficulty : Moderate

Options :

- 1. 33.33%
- 2. 50%
- 3. 62.33%
- 4. 45%

Solution :

The correct answer is **Option 2** i.e. **50%**

Understanding	Application
Tricks	Total in 2012 = 120 Total in 2016 = 180
	if 120 = 100%
	then
Now	180 = 100/120 × 180
	= 150%
Hence	increment = 50%

Question 40 :

If x2a = y2b = z2c 0 and x2 = yz, then the value of is:

Difficulty : Moderate

Options :

Average Time : 47 Seconds



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Average Time : 60 Seconds





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- 3
- 2. 3ac
- 3. 3bc
- 4. 3ab

Solution :

The correct answer is Option 1.e. 3

	Understanding	Application	
		Given $x^{2a} = y^{2b} = z^{2c} 0$	
	Tricks	&	
		$x^2 = yz$	
		So	
		the possible value is 1 for all	
		i.e. x y and z as well as a, b and c	
		$13\frac{1}{5} = (1 \times 1 + 1 \times 1)$	
	Hence	1 + 1 × 1)/1 × 1	
		= 3/1	
		= 3	

Question 41:

In ABC, MN || BC, the area of quadrilateral MBCN = 130 sqcm. If AN : NC = 4 : 5, then the area of MAN is:

Difficulty : Moderate

Options :

1. 32 cm^2

Average Time : 89 Seconds



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- 65 cm^2
- 3. 40 cm^2
- 4. 45 cm^2

Solution :

The correct answer is **Option 1** i.e. **32 cm²**





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Average Time: 134 Seconds



Hence,

arAMN = 2080/65 = 32

Question 42:

If A lies in the first quadrant and 6tanA = 5, then the value of is:

Difficulty : Moderate

Options :

- 1. -2
- 2.4
- 3. 16
- 4. 1

Solution :

The correct answer is Option 4 i.e. 1

Understanding	Application
	Given
	6tanA = 5
	tanA = 5/6 = p/b
Tricks	So
	$h = (5^2 + 6^2)$
	= (25 + 36)
	= 61



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	$13\frac{1}{5}$
	= {8(5/61) - 4(6/61)}/{(6/61) + 2(5/61)}
Now	= {40/61 - 24/61}/{6/61 + 10/61}
	= {16/61}/{16/61}
	= 1

Question 43:

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

Difficulty : Moderate

Options :

- 1. Rs.144
- 2. Rs.196
- 3. Rs.120
- 4. Rs.168

Solution :

The correct answer is Option 1 i.e. 144

Understanding	Application
	MP = 224 = 100%
	After the discount
Tricks	SP = 72% of MP
224/100 × 161.28	224/100 × 72
	161.28



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Now	161.28 = 112%
	because at the end he gains 12% profit
	So
	CP = 161.28/112 × 100
	= 16128/112
	= 144
	1

Question 44 :

If $x = 4\cos A + 5\sin A$ and $y = 4\sin A - 5\cos A$, then the value of $x^2 + y^2$ is:

Difficulty : Moderate

Options :

- 1. 25
- 2.0
- 3. 41
- 4. 16

Solution :

The correct answer is Option 3 i.e. 41

Understanding	Application	
Tricks	Here we take A = 90 (you can take any value)	
	x = 4cosA + 5sinA	
	So	
	x = 4cos90 + 5sin90	
	= 0 + 5(1)	
	= 5	

Average Time : 52 Seconds



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Now	y = 4sinA - 5cosA	
	y = 4sin90 - 5cos90	
	= 4(1) + 0	
		= 4
Hence	$x^2 + y^2 = 5^2 + 4^2$	
	= 25 + 16	
	= 41	

Question 45:

If x, y, z are three integers such that x + y = 8, y + z = 13 and z + x = 17, then the value of x2/yz is:

Difficulty : Moderate

Options :

- 1. 0
 - 2.1
 - 3. 7/5
 - 4. 18/11

Solution :

The correct answer is Option 4 i.e. 18/11

Application
Given:
x + y = 8i)
y + z = 13ii)
z + x = 17iii)



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Average Time : 61 Seconds





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y = 8 - x (from eq i)	
So,	
8 - x + z = 13 (put the value of y)	
z - x = 5iv)	
Adding eq iii) and eq iv):	
2z = 22	
z = 11	
So,	
x = 6 and y = 2	
Hence,	
x ² /yz = 36/22 = 18/11	



Question 46 :

If x - y = 4 and xy = 45, then the value of x3 - y3 is?

Difficulty : Moderate

Options :

- 1. 604
- 2. 822
- 3. 151
- 4.82

Solution :

The correct answer is option 1 i.e. 604

Understanding Application Average Time : 70 Seconds

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Tricks	Given x - y = 4 $x^{2} - 2xy + y^{2} = 16$ (squaring both sides) $x^{2} - 2 \times 45 + y^{2} = 16$ $x^{2} + y^{2} = 16 + 90$ $x^{2} + y^{2} = 106$	
Now	We know $x^{3} - y^{3} = (x - y)(x^{2} + xy + y^{2})$ = 4(106 + 45) $= 4 \times 151$ = 604	

Question 47:

The given table shows the number (in thousands) of cars five different models A,B,C,D and E produced during years 2012-2017. Study the table and answer the question that follow The percentage decrease in the production of which type of car in 2017, with reference to 2016, was the maximum?

Difficulty : Moderate

Options :

- 1. C
- 2. A
- 3. E
- 4. D

Solution : The correct answer is Option 2 i.e. A

Average Time : 70 Seconds

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Tricks	The total decrease in the model A, C, D and E
Now	The decrease in A = 36 - 12 = 24
	The decrease in C = 44 - 40 = 4
	The decrease in D = 38 - 22 = 16
	The decrease in E = 50 - 28 = 22
Hence	max in model A = 24

Question 48 :

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

Difficulty : Moderate

Options :

- 1. 1028
- 2. 996
- 3. 896
- 4. 1328

Solution :

The correct answer is Option 2 i.e. 996

Average Time : 61 Seconds



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Tricks	When he sold 332 more
	total percent difference = 30%
	means 30% of CP = 332
Hence	Original selling price = 90% of CP
	So
	90% of CP = 332/30 × 90
	= 332 × 3
	= 996

Question 49:

If '+' means '-', '-' means '+', 'x' means '÷' and '÷' means 'x', then the value of is:

Difficulty : Moderate

Average Time : 51 Seconds

Options:



Solution :

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The correct answer is Option 2 i.e. - 15/19

Understanding	Application	
	According to question	
Trick	$13\frac{1}{5}$	
	can be written	
	(42 + 12 ÷ 3 - 8 × 2 - 15)/(8 ÷ 2 + 4 - 9 × 3)	
	(42 + 4 - 16 - 15)/(4 + 4 - 27)	
	(46 - 31)/(8 - 27)	
	-15/19	

Question 50 :

If the number 1005x4 is completely divisible by 8, then the smallest integer in place of x will be?

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Difficulty : Moderate

Options:

- 1.1
- 2. 4
- 3. 2
- 4. 0

Solution :

The correct answer is option 4 i.e. 0

Understanding	Application
---------------	-------------

Average Time: 73 Seconds



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	When we check divisibility of 8	
Tricks	we divide the last 3 digits of any number by 8 if it's completely divided by 8, all numbers also divided by 8.	
	go through the option	
	put x = 0	
Hence	504/8 = 63 completely divisible so this number is also divisible	

Question 51:

Rs. 4300 becomes Rs. 4644 in 2 years at simple interest. Find the principle amount that will become Rs 10,104 in 5 years at the same rate of interest.

Average Time : 55 Seconds

Difficulty : Moderate

Options :

- 1. Rs 8,420
- 2. Rs. 9,260
- 3. Rs. 7200
- 4. Rs. 5710

Solution :

The correct answer is Option 1 i.e. Rs 8,420

Understanding	Application



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	$SI = P \times R \times T/100$
Tricks	344 = 4300 × R × 2/100
SI = A - P	344 = 43 × R × 2
	R = 4%
	10104 - P = (P × 4 × 5)/100
Now	10104 - P = P/5
	1684 = P/5
	P = 8420

Question 52:

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

Difficulty : Moderate

Options :



4. 11

Solution :

1 $13\frac{1}{5}$

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

Understanding	Application
Tricks	

Average Time : 64 Seconds



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	time	work	efficiency
A	24		5
в	15	120	8
С	12		10

	B and C for 3 days	
Now	total work done by both = 3(10 + 8)	
	= 54 unit	
	Remaining work = 120 - 54	
	66 unit	
Hence	A takes 66/5 = $13\frac{1}{5}$) LN

Question 53 :

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

Difficulty : Moderate

Options:

- 1. 65°
- 2. 75°
- 3. 60°
- 4. 70°

Solution :

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Average Time : 90 Seconds



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The correct answer is Option 3 i.e. 60°





Question 54 :

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



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Difficulty : Moderate

Average Time : 68 Seconds





Solution :

The correct answer is Option 2



Question 55 :

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



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Difficulty : Moderate

Average Time : 65 Seconds



 3.
 1
 3

 4.
 1
 5

Solution :

The correct answer is **Option Figure 4**

Understanding

The correct mirror image of the given figure 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 56 :

Arrange the following words in the order in which they appear in an English dictionary. 1. Rightly 2. Rigidly 3. Righteous 4. Rigour 5. Rights

Difficulty : Moderate

Average Time : 78 Seconds

Options :

1. 3, 1, 5, 4, 2



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- 1, 3, 5, 2, 4
- 3. 3, 1, 5, 2, 4
- 4. 3, 5, 1, 4, 2

Solution :

The correct answer is Option 3 i.e. 3, 1, 5, 2, 4

Understanding	Application
The correct dictionary order of the given words is given below:	
3. Righteous	Hence, the correct
1. Rightly	answer is 3 , 1 , 5 ,
5. Rights	2, 4
2. Rigi dly	Â.
4. Rigo ur	

Question 57 :

In the following equation, if '+' is interchanged with '-' and '6' is interchanged with '7', then which of the following equations would be correct?

Difficulty : Moderate

Options :

- 1. 67 76 + 43 = 100
- 2. 78 68 + 66 = 59
- 3. 76 75 + 77 = 56
- 4. 62 67 + 76 = 83

Solution :

The correct answer is **Option 1** i.e. **67 - 76 + 43 = 100**

Average Time : 54 Seconds



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Understanding

Let us see all the options:

1) 67 - 76 + 43 = 100

After interchanging the signs and numbers,

76 + 67 - 43 = 100

2) 78 - 68 + 66 = 59

After interchanging the signs and numbers,

68 + 78 - 77 = 69

3) 76 - 75 + 77 = 56

After interchanging the signs and numbers,

67 + 65 - 66 = 66

4) 62 - 67 + 76 = 83

After interchanging the signs and numbers,

72 + 76 - 67 = 81

Hence, 67 - 76 + 43 = 100 is the correct equation.

Question 58:

Select the option in which the words share the same relationship as that shared by the given pair of words: Clock : Time

Difficulty : Moderate

Options:

- 1. Balance : Scale
- 2. Taseometer : Wind
- 3. Anemometer : Strains
- 4. Ammeter : Current

Solution :

The correct answer is Option 4 i.e. Ammeter : Current

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Average Time : 63 Seconds







Understanding	Application
Just like a clock is used to measure time.	Similarly, an ammeter is used to measure current.

Question 59 :

Study the given table carefully and select the number that can replace the question mark (?) in it. 6 21 14 40 500 ? 8 25 7

Difficulty : Moderate

Options :

- 1.84
- 2. 78
- 3. 91
- 4. 98

Solution :

The correct answer is Option 3 i.e. 91

Understanding	Application
In each column,	
(1st row x 3rd row) - 3rd row = 2nd row	Similarly,
1st column: (6 x 8) - 8 = 40	3rd column: (14 x 7) - 7 = 91
2nd column: (21 x 25) - 25 = 500	

Question 60 :

The given Venn diagram represents employees in an organization: The triangle represents executives, the circle represents females, the rectangle represents MBAs, and the square represents technical staff. The numbers given in the diagram represent the number of people in that particular category. How many female executives are there in the organization?



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Difficulty : Moderate

Average Time : 59 Seconds

Options:

- 1.15
- 2.5
- 3. 10
- 4. 11

Solution :

The correct answer is Option 2 i.e. 5

Understanding Application	
From the given information, we know that the Triangle represents Executives and the Circle represents Females.Hence, Female Executives will be represented by the area of intersection of triangle and circle, i.e. 5	

Question 61:

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

Difficulty : Moderate

Options :

- 1. Ferry
- 2. Yacht
- 3. Ship
- 4. Submarine

Solution :

The correct answer is Option 4 i.e. Submarine

Understanding Application Average Time : 50 Seconds

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A ferry is a merchant	
vessel used to carry	
passengers and it floats	A submarine is a
over water.	vessel that runs
	underwater.
A yacht is a medium-	
sized sailing boat. It	Ferry, yacht, and
floats over water.	ship float over water
	while submarine
A ship is a large vessel	runs underwater.
for carrying passengers.	
It floats over water.	

Question 62 :

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

Difficulty : Moderate	erage Time : 65 Second
Options :	
1. 40	
2. 45	

- 3. 41
- 4.35

Solution :

The correct answer is Option 3 i.e. 41

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Let Asha's age be 5x and Lata's age be 6x.	
Given: 6x - 5x = 6	Hence, Lata's age
x = 6	after 5 years = 36 + 5 = 41 years .
Thus, Lata's current	
age = 6x = 6 x 6 = 36	

Question 63:

Select the option in which the numbers are related in the same way as are the numbers in the given set. (269, 278, 296)

Average Time : 51 Seconds

Difficulty : Moderate

Options:

- 1. (109, 118, 128)
- 2. (577, 586, 598)
- 3. (419, 430, 448)
- 4. (313, 322, 340)

Solution :

The correct answer is Option 4 i.e. (313, 322, 340)

Understanding	Application
Given: (269, 278,	Similar relation is shown in option 4
296)	3 + 1 + 3 = 7
2 + 6 + 9 = 17	3 + 2 + 2 = 7
2 + 7 + 8 = 17	3 + 4 + 0 = 7
2 + 9 + 6 = 17	Hence, (313, 322, 340) is correct.

Question 64 :

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



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Difficulty : Moderate

Average Time : 48 Seconds





Solution : The correct answer is Option 2

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1. The rhombus moves along the sides of the square in each step in a clockwise direction. 2. There is a shaded and a non-shaded rhombus at alternate steps. Hence, the next 3. The circle moves along figure will be the sides of the square in an anti-clockwise direction at each step. 4. There is a shaded and a non-shaded circle at alternate steps. 5. The '+' sign moves along the sides of the square in an anti-clockwise direction at each step. **Question 65:**

Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number. 12 : 72 :: 18 : ? :: 22 : 242

Difficulty : Moderate

Options:

- 1. 140
- 2. 162
- 3, 160
- 4. 164

Solution : The correct answer is Option 2 i.e. 162 Average Time : 88 Seconds

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Understanding	Application
Given analogy: 12 : 72 :: 18 : ? :: 22 : 242	Similarly,
12 x (12/2) = 72	18 x (18/2) =
22 x (22/2) = 242	102

Question 66 :

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

Difficulty : Moderate

Options :

- 1. k, l, k, l, m
- 2. k, l, m, k, k
- 3. k, m, m, k, l
- 4. l, k, m, k, k

Solution :

The correct answer is Option 1 i.e. k, l, k, l, m





k**k**lmm/l**l**mk**k/**mmk**l**l/kkl**m**m

Only option 1 makes the series logically correct.

Average Time : 48 Seconds



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Question 67 :

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

Difficulty : Moderate

Average Time : 79 Seconds

Options :

- 1. 19-7-15-19-3-8
- 2. 20-7-15-20-3-10
- 3. 20-7-15-20-3-8
- 4. 19-7-15-200-3-7

Solution :

The correct answer is Option 3 i.e. 20-7-15-20-3-8

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FI	R	E	E
P	D	F	

Logic: The word is first		
reversed and then each	Similarly for	
alphabet is coded as its	FARMER,	
alphabet series + 2	Reverse of	
	FARMER:	
HARVEST IS CODED as 22- 21-7-24-20-3-10	REMRAF	
	R = 18 + 2 = 20	
Reverse of HARVEST: TSEVRAH	E = 5 + 2 = 7	
T = 20 + 2 = 22	M = 13 + 2 = 15	
S = 19 + 2 = 21	R = 18 + 2 = 20	
E = 5 + 2 = 7	A = 1 + 2 = 3	
V = 22 + 2 = 24	F = 6 + 2 = 8	
R = 18 + 2 = 20	Hence, code for	
A = 1 + 2 = 3	7-15-20-3-8	
H = 8 + 2 = 10		



Question 68:

How many rectangles are there in the given figure?

Difficulty : Moderate

Options :

- 1.34
- 2.33
- 3. 32
- 4. 30

Solution : The correct answer is Option 2 i.e. 33 Average Time: 78 Seconds



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Question 69:

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

Difficulty : Moderate

Average Time : 53 Seconds

Options:



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Solution :

The correct answer is Option 3

Understanding

In these types of questions, the unfolding of the paper is done in the reverse order in which it was folded.

By this order, the paper will be unfolded in the following given steps:



as option figure 3.

Question 70:

Which two numbers should be interchanged to make the given equation correct? $9 + 7 \times 5 - 18 \div 2 = 3 \times 4 - 10 + 45 \div 5$

Difficulty : Moderate

Options :

- 1. 7 and 4
- 2. 18 and 45
- 3. 2 and 5



Average Time: 73 Seconds



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9 and 3

Solution :

The correct answer is Option 1 i.e. 7 and 4

Understanding
Given equation: $9 + 7 \times 5 - 18 \div 2 = 3 \times 4 - 10 + 45 \div 5$
Let us see all the options:
1. 7 and 4
9 + 4 × 5 - 18 ÷ 2 = 3 × 7 - 10 + 45 ÷ 5
LHS = 9 + 20 - 9 = 20
RHS = 21 - 10 + 9 = 20
Hence, LHS is equal to RHS
2. 18 and 45
$9 + 7 \times 5 - 45 \div 2 = 3 \times 4 - 10 + 18 \div 5$
LHS = 9 + 35 - 22.5 = 21.5
RHS = 12 - 10 + 3.6 = 5.6
LHS is not equal to RHS
3. 2 and 5
$9 + 7 \times 2 - 18 \div 2 = 3 \times 4 - 10 + 45 \div 2$
LHS = 9 + 14 - 9 = 14
RHS = 12 - 10 + 22.5 = 24.5
LHS is not equal to RHS





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Understanding

4.9 and 3

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

LHS = 3 + 35 - 9 = 29

RHS = 36 - 10 + 9 = 35

LHS is not equal to RHS

Question 71:

Amit is the brother of Sonia. Jyoti is the sister of Nikita. Sonia is the daughter of Satish's father. Nikita is the daughter of Kavinder. Jyoti is the mother of Amit. Mukesh is Nikita's sister's husband. Sonia is only sister of Amit. Female members are more in family. How is Satish related to Kavinder?

Difficulty : Moderate

Options:

- 1. Grandson
- 2. Son-in-law
- 3. Son
- 4. Brother

Solution :

The correct answer is Option 1 i.e. Grandson

Understanding

Average Time : 93 Seconds



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1. Amit is the brother of Sonia.

2. Sonia is the daughter of Satish's father.

This implies that Sonia is the sister of Satish.

3. Jyoti is the mother of Amit.

This implies that Amit, Sonia, and Satish are Jyoti's children.

4. Jyoti is the sister of Nikita.

5. Nikita is the daughter of Kavinder.

This implies that Nikita and Jyoti are daughters of Kavinder.

6. Mukesh is Nikita's sister's husband.

This implies that Mukesh is the husband of Jyoti.

7. Sonia is only sister of Amit.

The following relation can be deduced from the given information:



Here, Satish is the grandchild of Kavinder.

So the correct answer is GrandSon.

Question 72:

Select the word that is related to the third word in the same way as the second word is related to the first word. Medicine : Disease :: Food : ?



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Difficulty : Moderate

Average Time : 84 Seconds

Options :

- 1. Hunger
- 2. Nutrition
- 3. Energy
- 4. Thirst

Solution :

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

Understanding	Application
Medicine is the solution to cure	Similarly, Food is the solution to cure
Disease.	Hunger.

Question 73 :

In a certain code language, WARDEN is written as YXVYKG. How will CURATE be written in that language?

Difficulty : Moderate

Options :

- 1. BRVKZP
- 2. CRVKZP
- 3. DRVVZX
- 4. ERVVZX

Solution :

The correct answer is Option 4 i.e. ERVVZX

Understanding

Application

Average Time : 47 Seconds

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	Similarly for CURATE,
as YXVYKG	C + 2 = E
W + 2 = Y	U - 3 = R
A - 3 = X	R + 4 = V
R + 4 = V	A - 5 = V
D - 5 = Y	T + 6 = Z
E + 6 = K	E - 7 = X
N - 7 = G	Hence, CURATE will be coded as ERVVZX

Question 74 :

Select the letter- cluster that can replace the question mark (?) in the following series . CXB, HUI, MRP, ROW, ?

Average Time : 65 Seconds

Difficulty : Moderate

Options :

- 1. VKD
- 2. WLD
- 3. WLZ
- 4. VKC

Solution :

The correct answer is Option 2 i.e. WLD

Understanding

Application



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Given series: CXB, HUI, MRP, ROW, ?	
1st letter: C + 5 = H; H + 5 = M; M + 5 = R; R + 5 = W	Hence, the next cluster will be
2nd letter: X - 3 = U; U - 3 = R; R - 3 = O; O - 3 = L	WLD.
3rd letter: B + 7 = I; I + 7 = P; P + 7 = W + 7 = D	

Question 75:

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

Difficulty : Moderate

Options:

- 1. FVKO
- 2. NMSH
- 3. BYGT
- 4. DWIR

Solution :

The correct answer is Option 1 i.e. FVKO

Application

Understanding

Average Time : 60 Seconds



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	Let us apply this to all the options:
Common logic:	1. FVKO: F + 5 = K; V - 7 = O
1st letter + 5 = 3rd letter	2. NMSH: N + 5 = S; M - 5 = H
2nd letter - 5 = 4th letter	3. BYGT: B + 5 = G; Y - 5 = T
	4. DWIR: D + 5 = I; W - 5 = R
	Hence, FVKO is odd.

Question 76 :

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

Difficulty : Moderate

Options :

- 1.5
- 2. 1
- 3. 3
- 4. 4

Solution :

The correct answer is Option 2 i.e. 1

Understanding



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Average Time : 62 Seconds





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Question 77:

Select the number that can replace the question mark (?) in the following series. 17, 21, 30, 46, 71, ?

Difficulty : Moderate

Options :

- 1. 101
- 2.96
- 3. 107
- 4. 105

Solution :

The correct answer is Option 3 i.e. 107

Understanding	Application
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Average Time : 62 Seconds



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Question 78 :

Select the indirect narration of the given sentence. He said to the hotel receptionist, "Can you tell me the tariff of rooms?

Difficulty : Moderate

Average Time : 55 Seconds

Options:

- 1. He asked the hotel receptionist that if he can tell him the tariff of rooms.
- 2. He asked the hotel receptionist to tell him the tariff of rooms.
- 3. He enquired the hotel receptionist if he can tell him the tariff of rooms.
- 4. He asked the hotel receptionist if he could tell him the tariff of rooms.

Solution :

The correct answer is option 4 i.e. He asked the hotel receptionist if he could tell him the tariff of rooms.

- As the reported speech is in "Interrogative sentence" we need to make changes according to this.
- There will be a change in the reporting verb and it will be changed into "asked".
- The inverted comma will be changed into "IF".
- Tense of the reported speech will be changed into "Past Tense".
- The reported speech will be kept in the assertive structure.

As all the rules are followed by the chosen option it will be correct.

Question 79:

In the sentence identify the segment which contains the grammatical error. I can swim very fast when I was only five.

Difficulty : Moderate

Average Time : 75 Seconds

Options:

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- I can swim
- 2. when I was
- 3. very fast
- 4. only five

Solution :

The correct answer is option 1 i.e. I can swim.

- 1. The error lies in this segment of the statement because of the Incorrect usage of "Tense".
- 2. We need to replace "can" with "could" for making the statement grammatically correct.

Grammatical concept:-

- Past habitual action is always written in the past tense.
- As the given statement is referred to past time we need to write it in the past tense.

Hence, the chosen option will be correct.

The correct sentence will be: I could swim very fast when I was only five.

Question 80 :

Select the correctly spelt word.

Difficulty : Moderate

Options :

- 1. Exhibit
- 2. Exteract
- 3. Exhoust
- 4. Exhail

Solution :

The correct answer is option 1 i.e. Exhibit.

- 1. Exhibit- an object that is shown in a museum, etc. or as a piece of evidence in a court of law.
- 2. Extract- to take something out, especially with difficulty.
- 3. Exhaust- the waste gas that comes out of a vehicle, an engine or a machine.
- 4. **Exhale** to rise or be given off as vapour.

As all the words except 'Exhibit' have been spelt wrong in the options, hence, the chosen option is correct.

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Average Time : 60 Seconds


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Question 81 :

Select the correct ANTONYM of the given word. Exodus

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Difficulty : Moderate

Options :

- 1. Departure
- 2. Refund
- 3. Exit
- 4. Arrival

Solution :

The correct answer is option 4 i.e. Arrival.

Let's have a look at the meaning of the given word-

- 1. Departure- leaving or going away from a place.
- 2. **Refund** a sum of money that is paid back to you, especially because you have paid too much or you are not happy with something you have bought.
- 3. Exit- a door or way out of a public building or vehicle.
- 4. Arrival- reaching the place to which you were traveling.
- 5. Exodus- a situation in which many people leave a place at the same time.

As the chosen option expresses the opposite meaning of the given word it will be correct.

Question 82 :

Select the correct ANTONYM of the given word. Quiescent

Difficulty : Moderate

Average Time : 65 Seconds

Average Time : 56 Seconds

Options :

- 1. Peaceful
- 2. Dejected
- 3. Indifferent
- 4. Active

Solution :

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The correct answer is option 4 i.e. Active.

Let's have a look at the meaning of the given word-

- 1. Peaceful- not wanting or involving war, violence or argument.
- 2. **Dejected-** very unhappy, especially because you are disappointed.

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- 3. Indifferent- not interested in or caring about somebody/something.
- 4. Active- involved in activity; lively.
- 5. Quiescent- in a state or period of inactivity or dormancy.

As the chosen option expresses the opposite meaning of the given word it will be correct.

Question 83 :

Select the appropriate meaning of the given idiom. A hard nut to crack

Difficulty : Moderate

Options :

- 1. Easily disappointed
- 2. A difficult problem
- 3. Not restrained
- 4. Easily encouraged

Solution :

The correct answer is option 2 i.e. A difficult problem.

The meaning of the given idiom is-

A hard nut to crack- a difficult problem or an opponent that is hard to beat.

As the meaning of the given idiom is as same as the chosen option it will be correct.

Question 84 :

Fill in the blank with the most appropriate word. Handle this glass table with care because it is _____.

Difficulty : Moderate

Average Time : 47 Seconds

Options :

- 1. frugal
- 2. ductile

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fragile

4. volatile

Solution :

The correct answer is option 3 i.e. fragile.

Let's have a look at the meaning of the given words-

- 1. **frugal** using only as much money or food as is necessary.
- 2. ductile- (of a metal) able to be drawn out into a thin wire.
- 3. fragile- easily damaged or broken.
- 4. volatile- that can change suddenly and unexpectedly.

It is being told to handle the glass with care because it is breakable.

This meaning is being shown by the chosen option, hence it will be correct.

The correct sentence will be-

Handle this glass table with care because it is fragile.

Question 85:

Select the correctly spelt word.

Difficulty : Moderate

Options :

- 1. Bouquette
- 2. Humilliation
- 3. Sarcasm
- 4. Retalaite

Solution :

The correct answer is option 3 i.e. Sarcasm.

- 1. **Bouquet-** a bunch of flowers that is arranged in an attractive way.
- 2. Humiliation- to reduce (someone) to a lower position in one's own eyes or others' eyes.
- 3. Sarcasm- the use of words or expressions to mean the opposite of what they actually say. People use sarcasm in order to criticize other people or to make them look silly.
- 4. Retaliate- to react to something unpleasant that somebody does to you by doing something unpleasant in return.

Question 86 :

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Average Time : 62 Seconds



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In the sentence identify the segment which contains the grammatical error. One of the boys from our school have been selected for National Badminton Championship.

Difficulty : Moderate

Average Time : 60 Seconds

Options :

- 1. have been selected
- 2. from our school
- 3. for National Badminton Championship
- 4. for National Badminton Championship

Solution :

The correct answer is option 1 i.e. have been selected.

- 1. The error lies in this segment of the statement because of the incorrect usage of "Subject Verb Agreement".
- 2. We need to replace "have" with "has" for making the statement grammatically correct.

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Grammatical Concept:-

- "One of" is followed by the plural noun but a singular verb.
- Hence we need to make the necessary changes for making the statement correct.

The correct sentence will be:

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

Hence, the chosen option is correct.

Question 87 :

Select the correct SYNONYM of the given word. Obligatory

Difficulty : Moderate

Options :

- 1. Mandatory
- 2. Reckless
- 3. Useless
- 4. Aggressive

Solution :

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Average Time : 63 Seconds

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The correct answer is option 1 i.e. Mandatory.

Let's have a look at the meaning of the given words:

- 1. Mandatory- that you must do, have, obey, etc.
- 2. Obligatory- that you must do.
- 3. Reckless- not thinking about possible bad or dangerous results that could come from your actions.

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4. Useless- that does not work well, that does not achieve anything.

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5. Aggressive- ready or likely to fight or argue.

As the chosen option expresses the best meaning of the given word it will be correct.

Question 88 :

Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No Improvement'. The Director will agree with the proposal if we do not exceed the budget.

Difficulty : Moderate

Options:

- agreed by the proposal
- agree on a proposal
- No Improvement
- 4. agree to the proposal

Solution :

The correct answer is option 4 i.e. agree to the proposal.

- "Agree with somebody, agree to something" is the correct use of the verb "agree".
- I agree with you.
- I don't agree to your proposal.
- Here we need to change "with" with "to" for making the statement grammatically correct.
- As the chosen option fulfills these rules it will be correct.

The correct sentence will be-

The Director will agree to the proposal if we do not exceed the budget.

Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank. Communication plays a (1)_____ role in the overall development of man. It can be learned by our (2) efforts. Today, success in our professional life depends on our (3) to read, write



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Average Time : 66 Seconds



and speak well which results in effective communication. Barriers (4) ______ communication hinder the communication process. It is very important to (5) ______ these barriers so that the transmission of the message can be smooth.

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Question 89 :

Select the most appropriate option for blank No. 1

Difficulty : Moderate

Options:

- 1. better
- 2. vital
- 3. effective
- 4. lifeless

Solution :

The correct answer is option 2 i.e. vital.

Let's have a look at the meaning of the given word.

1. better- of a higher quality or level or more suitable than somebody/something.

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- 2. vital- very important or necessary.
- 3. effective: successful in producing a desired or intended result.
- 4. lifeless- dead or appearing to be dead.

As the statement is talking about the importance of communication we need to use the word with the same tone as well.

The word "effective" could have been a correct option if the article before blank was 'an' instead of 'a'.

The chosen option shows the meaning related to the "importance", hence it will be correct.

Comprehension :

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank. Communication plays a (1)_____ role in the overall development of man. It can be learnt by our (2)_____ efforts. Today, success in our professional life depends on our (3)_____ to read, write and speak well which results in effective communication. Barriers (4)_____ communication hinder the communication process. It is very important to (5)_____ these barriers so that the transmission of the message can be smooth.

Question 90 :

Select the most appropriate option for blank No. 2.

Difficulty : Moderate

Average Time : 91 Seconds



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Options:

- 1. contradictory
- 2. unclear
- 3. important
- 4. conscious

Solution :

The correct answer is option 4 i.e. conscious.

Let's have a look at the meaning of the given words-

- 1. contradictory- being opposite to or not matching something else.
- 2. unclear- not clear or definite; difficult to understand or be sure about.
- 3. **important-** having great value or influence; very necessary.
- 4. **conscious** able to see, hear, feel, etc. things; awake.

Communication can be learned in many ways if somebody is able to see, hear, feel, etc.

Hence, the chosen option is correct.

Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank. Communication plays a (1)____ role in the overall development of man. It can be learnt by our (2) efforts. Today, success in our professional life depends on our (3) to read, write and speak well which results in effective communication. Barriers (4) communication hinder the communication process. It is very important to (5)______ these barriers so that the transmission of the message can be smooth.

Question 91:

Select the most appropriate option for blank No. 4.

Difficulty : Moderate

Options:

- 1. to
- 2. against
- 3. by
- 4. from

Solution :

Average Time : 81 Seconds



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The correct answer is option 1 i.e. to.

"Barrier to something" is the correct use of preposition here as it suits grammatically as well as contextually in the sentence.

Hence, "to" preposition will be correct as the answer.

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Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank. Communication plays a (1)_ _ role in the overall development of man. It can be learned by our (2) efforts. Today, success in our professional life depends on our (3) to read, write and speak well which results in effective communication. Barriers (4) _____ communication hinder the communication process. It is very important to (5)____ these barriers so that the transmission of the message can be smooth.

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Question 92:

Select the most appropriate option for blank No. 5.

Difficulty : Moderate

Options :

- 1. strengthen
- 2. create
- 3. overcome
- 4. succeed

Solution :

The correct answer is option 3 i.e. overcome.

Let's have a look at the meaning of the given word-

- 1. **strengthen** to become stronger or to make something stronger.
- 2. create- to cause something new to happen or exist.
- 3. **overcome** to manage to control or defeat somebody/something.
- 4. succeed- to manage to achieve what you want; to do well.

The statement is taking about control over the barriers for the batter communication.

As the chosen option shows the meaning of "control or defeat", hence it will be correct.

Question 93:

Select the correct SYNONYM of the given word. Scintillating

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Difficulty : Moderate

Average Time : 59 Seconds

Options:

- 1. Stinging
- 2. Glittering
- 3. Flattering
- 4. Boring

Solution :

The correct answer is option 2 i.e. Glittering.

Let's have a look at the meaning of the given words-

- 1. Stinging- to make somebody/something feel a sudden, sharp pain.
- 2. Glittering- very impressive or successful.
- 3. Flattering- making somebody look or sound more attractive or important than he/she really is.
- 4. Boring- not at all interesting; dull.
- 5. Scintillating- sparkling or shining brightly.

As the chosen option expresses the best meaning of the given word, it will be correct.

Question 94:

Select the word, which means the same as the given group of words. Something that cannot be heard.

Difficulty : Moderate

Options :

- 1. Infallible
- 2. Audible
- 3. Inaudible
- 4. Irrevocable

Solution :

The correct answer is option 3 i.e. Inaudible.

Let's have a look at the meaning of the given words-

- 1. Infallible- (used about a person) never making mistakes or being wrong.
- 2. Audible- that can be heard.

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Inaudible- not loud enough to be heard.

4. Irrevocable- (used about a decision, action, etc.) that cannot be changed or reversed.

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As the chosen option expresses the meaning of the given group of words, it will be correct.

Question 95:

Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No Improvement'. The captain, as well the players, was responsible for winning the trophy.

Difficulty : Moderate

Options :

- 1. The captain, also the players, were
- 2. The captain, as well as the players, were
- 3. As the captain with the players were
- 4. No Improvement

Solution :

The correct answer is option 2 i.e. The captain, as well as the players, was.

- Whenever two subjects are joined with the "as well as" the verb is used according to the first subject.
- As in the given statement, the first subject is singular the verb of the statement will be singular as well.

The correct sentence will be-

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

The chosen option follows these rules, hence it will be correct.

Question 96 :

Select the appropriate meaning of the given idiom. To take French leave

Difficulty : Moderate

Options:

Average Time : 59 Seconds

2. Acknowledge the host

1. Welcome the host

- 3. Leave with written permission
- 4. Leave without any intimation

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Solution :

The correct answer is option 4 i.e. Leave without any intimation.

The meaning of the given idiom is-

To take French leave- be away from job without permission.

As the meaning of the given idiom is as same as the chosen option it will be correct.

Question 97 :

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

Difficulty : Moderate

Options :

- 1. CDAB
- 2. DBAC
- 3. BDCA
- 4. ABCD

Solution :

The correct answer is option 3 i.e. BDCA.

- Statement B introduces the theme of the given paragraph hence it should be at the starting of the arrangement.
- Statement D shows the result of statement B hence it will come after B.
- Statement C is "They blame the government for their slow progress, expecting miracles and magical transformation in their life." that gives a link to the previous part of the statement.
- Hence C will come after D.
- Finally, A will come at the end of the statement.

Now we have the final arrangement i.e. BDCA.

Hence, the chosen option is correct.

Question 98 :

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

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follow(s) from the statements. Statements: 1. Some animals are elephants. 2. Some elephants are tigers. Conclusions: 1. Some animals are tigers. 2. No tiger is an animal.

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Difficulty : Moderate

Average Time : 74 Seconds

Options :

- 1. Only conclusion II follows
- 2. Either conclusion I or II follows
- 3. Neither conclusion I nor II follows
- 4. Only conclusions I follows

Solution :

The correct answer is Option 2 i.e. Either conclusion I or II follows

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Comprehension :

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank. Communication plays a (1)_____ role in the overall development of man. It can be learnt by our (2)_____ efforts. Today, success in our professional life depends on our (3)_____ to read, write



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Question 99 :

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Select the most appropriate option for blank No. 3.

Difficulty : Moderate

Options:

- 1. variety
- 2. agility
- 3. ability
- 4. facility

Solution :

The correct answer is option 3 i.e. ability.

Let's have a look at the meaning of the given words-

- 1. variety- a number of different types of the same thing.
- 2. agility- the power of moving quickly and easily; nimbleness.
- 3. ability- the mental or physical power or skill that makes it possible to do something.
- 4. facility- a service, building, piece of equipment, etc. that makes it possible to do something.

As the statement is talking about reading or writing that needs mental skill we need to choose the word showing the same meaning as well.

As the chosen option has the same meaning as we need, hence it will be correct.

Question 100 :

Select the word, which means the same as the groups of words given. A song sung at a burial

Difficulty : Moderate

Options :

- 1. Sonnet
- 2. Dirge
- 3. Hymn
- 4. Ballad

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Solution :

The correct answer is option 2 i.e. Dirge.

- 1. **Sonnet** a fourteen-line poem with a fixed rhyme scheme.
- 2. Dirge- a song sung, especially in the past, at a funeral or for a dead person.
- 3. Hymn- a religious song that Christians sing together in the church, etc.

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4. Ballad- a long song or poem that tells a story, often about love.

As the chosen option expresses the meaning of the given group of words it will be correct.

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The analysis of Ssc Cgl Tier I Previous Year Question Paper held on 2020-03-03 in the Morning exam is as follows:

- 1. 100 guestions were moderate.
- 2. The safe score is 140 marks.
- 3. 25 guestions were asked from English Language, 26 guestions were asked from General Awareness, 24 guestions were asked from Quantitative Aptitude and 25 questions were asked from Logical Reasoning
- 4. 20 questions should have been skipped if you were short of time.

Ssc Cgl Tier I Previous Year Question Paper Topic Wise Weightage

English Language

- 1. Cloze Test 5
- 2. Spotting Error 2
- 3. Parajumbles 2
- 4. Idioms 2
- 5. One Word Substitution 2
- 6. Narration 1
- 7. Voice 1
- 8. Sentence Improvement 2
- 9. Synonym 2
- 10. Antonym 2
- 11. Filler (Vocab) 2
- 12. Correctly Spelt 2



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General Awareness

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1. Science - 1

2. GK Misc - 25

Quantitative Aptitude

- 1. Time Speed And Distance 1
- 2. Geometry 3
- 3. Algebra 19
- 4. Number System 1
- 5. Number Series 4

Logical Reasoning

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

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- 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.
- 3. In case you're not able to solve the question in less than 30 seconds in the exam then you should skip the question and move to the next question.

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Answer Key **Important Days**

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