

Ssc Chsl Tier I Previous Year Question Paper Overview

Here, you can solve all the questions asked in Ssc Chsl Tier I Previous Year Question Paper on 2023-10-27 in the Morning Shift exam. The detailed solutions are also provided for every previous year question and some of these questions can be asked again in your Ssc Chsl Tier I exam. There are 100 questions in the exam and 60 minutes are provided for the Ssc Chsl Tier I exam. The Cutoff of the exam was 141 marks hence you should try to score at least 151 marks.

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

Question 1 :

Select the option that expresses the following sentence in passive voice. Daddy baked the cookies on the weekend.

Difficulty : Moderate

Average Time : 43 Seconds

Options :

1. Daddy, on the weekend, baked cookies.
2. The cookies were baked on the weekend by Daddy.
3. On the weekend Daddy baked cookies.
4. No change required

Solution :

The correct answer is **Option 2 i.e The cookies were baked on the weekend by Daddy.**

- **Active Voice Structure:** Subject + Verb + Object
- **Passive Voice Structure:** Object + "to be" + Past Participle of the main verb + By + Subject
- Here, in the given sentence: The subject (**Daddy**), verb (**baked**), and object (**the cookies**).
- The correct sentence in passive voice will be: **The cookies were baked on the weekend by Daddy.**

Question 2 :

Select the most appropriate ANTONYM of the underlined word in the given sentence. The injury was so severe that he could not play again.

Difficulty : Moderate

Average Time : 64 Seconds



Options :

1. implacable
2. tolerant
3. furious
4. pungent

Solution :

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

- **Severe** means extremely intense or harsh.
- Marked option **Tolerant** means showing acceptance or openness towards differences.
- The other options mean:
 - **Implacable** means relentless or unstoppable.
 - **Furious** means extremely angry or enraged.
 - **Pungent** means having a strong, sharp taste or smell.

Question 3 :

The following sentence has been divided into four segments. Identify the segment that contains a grammatical error. He finally / recalled that / the thieves have leave / from the front door

Difficulty : Moderate

Average Time : 55 Seconds

Options :

1. the thieves have leave
2. recalled that
3. He finally
4. from the front door.

Solution :

The correct answer is **Option 1 i.e the thieves have leave.**

- The error is related to the verb tense.
- In this case, the present perfect tense "**have leave**" is incorrect.
- The **correct form should be in the past tense**, as the action of leaving occurred before the recalling in the past.
- The **correct phrase** should be "**the thieves had left.**"
- **Corrected sentence:** *He finally recalled that the thieves had left from the front door.*

Question 4 :



Select the most appropriate ANTONYM of the underlined word. Science has been trying innumerable methods to prove the existence of the universe, but the biggest pleasure of science is its inability to produce a single theory that explains the whole universe.

Difficulty : Moderate

Average Time : 66 Seconds

Options :

1. Inadequacy
2. Joy
3. Fear
4. Blandness

Solution :

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

- **Pleasure** means a feeling of enjoyment or satisfaction.
- Marked option **Blandness** means lacking strong flavours or excitement.
- So, in this context, "Blandness" is the most appropriate antonym for "Pleasure."
- The other options mean:
 - **Inadequacy**: A lack of competence or sufficiency.
 - **Joy**: A feeling of great happiness or delight.
 - **Fear**: An unpleasant emotion caused by the belief that someone or something is dangerous.

Question 5 :

Select the option that can be used as a one-word substitute for the underlined group of words. Due to the official visit to a company, Rajiv has a mental or emotional strain caused by demanding circumstances.

Difficulty : Moderate

Average Time : 64 Seconds

Options :

1. reluctance
2. stress
3. penalty
4. depression

Solution :

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

Stress: Mental or emotional strain resulting from challenging or adverse situations.

- The underlined group of words describes a state of mental or emotional pressure resulting from challenging situations.
- "**Stress**" is a concise term that encapsulates the meaning of facing mental or emotional strain due to demanding circumstances.
- The other options mean:
 - **Reluctance:** Unwillingness or hesitation to do something.
 - **Penalty:** A punishment imposed for breaking a law, rule, or contract.
 - **Depression:** A state of prolonged low mood and aversion to activity.

Question 6 :

Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph. A)Benefits of reading have been underlined since ages together. B)Once they understand the sensibleness behind reading, they would pass it on to others as well. C)It brings knowledge and wisdom both to the readers. D)By virtue of a practice at home, this can be suggested to the young ones

Difficulty : Moderate

Average Time : 77 Seconds

Options :

1. ABCD
2. CDBA
3. CDAB
4. ACDB

Solution :

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

- **Sentence A:** This sentence **introduces the overarching theme of the importance** of reading and its enduring significance over time.
- **Sentence C:** This sentence **elaborates on one of the benefits of reading**, emphasizing the acquisition of knowledge and wisdom.
- **Sentence D:** This sentence **suggests a practical approach to instilling the habit of reading**, particularly among the young generation, by making it a household practice.
- **Sentence B:** This sentence **concludes the paragraph** by highlighting the idea that once individuals comprehend the rationale for reading, they are likely to share this understanding with others.

Question 7 :

Select the most appropriate option that can substitute the underlined segment in the given sentence. The flames caught so quick that I had no time to think.



Difficulty : Moderate

Average Time : 68 Seconds

Options :

1. quickly
2. quickest
3. as quick as
4. quicker

Solution :

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

- In the context of the sentence, "**quickly**" should be used to modify the verb "**caught**."
- Adverbs, like "**quickly**," are used to modify verbs, adjectives, or other adverbs and provide more information about how the action is performed.
- **Corrected sentence:** *The flames caught so quickly that I had no time to think.*
- So, "**quickly**" is the correct choice as it serves as an adverb, appropriately modifying the verb "caught" to convey the speed at which the flames ignited.

Question 8 :

Select the option that will improve the underlined part of the given sentence. We will go to Spain this summer, will we?

Difficulty : Moderate

Average Time : 63 Seconds

Options :

1. should we?
2. won't we
3. can't we?
4. don't we?

Solution :

The correct answer is **Option 2 i.e won't we.**

- The original sentence is a tag question, which is used to confirm or seek agreement on a statement.
- In English, **the tag question typically includes an auxiliary verb opposite in polarity to the main clause.**
- In this case, **the main clause is positive** ("We will go to Spain this summer"), so the **tag question should have a negative auxiliary verb.**
- So, the correct option to improve the underlined part of the given sentence is "**won't we?**"

Corrected sentence: *We will go to Spain this summer, won't we?*

Question 9 :

Select the most appropriate option that can substitute the underlined segment in the given sentence. Bharath is a skilful achiever, so he hits the nail on the leg.

Difficulty : Moderate

Average Time : 71 Seconds

Options :

1. hits the nail on the head
2. hits the nail on the shoulder
3. put the nail in the hole
4. hits the screw on the top

Solution :

The correct answer is **Option 1. i.e. hits the nail on the head.**

- The idiom "**hits the nail on the head**" is a common expression that means someone has accurately identified the main point or issue in a situation.
- It suggests precision, correctness, or getting to the heart of the matter.
- It is often used when someone makes a statement or takes an action that is particularly insightful or effective.
- So, the correct phrase to substitute for the underlined segment "**hits the nail on the leg**" is "**hits the nail on the head.**"

Question 10 :

Select the most appropriate synonym of the underlined word in the following sentence. Although the new fashion trend was quite popular, some critics were quick to deride it as a passing fad.

Difficulty : Moderate

Average Time : 68 Seconds

Options :

1. Ridicule
2. Hail
3. Detest
4. Applaud

Solution :

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

- **Deride** means to express contempt for or mock someone or something; to ridicule or scorn openly.
- Marked option **Ridicule** means to mock, make fun of, or criticize someone or something in a contemptuous or scornful manner.
- The other options mean:
 - **Hail** as a verb: To call out to in order to catch the attention of, signal, or summon.
 - **Detest**: To feel intense dislike or hatred for someone or something.
 - **Applaud**: To express approval or praise by clapping one's hands, typically as a sign of approval for a performance or achievement.

Question 11 :

Parts of a sentence are given below in jumbled order. Arrange the parts in the correct order to form a meaningful sentence. P. the golden era when their language, culture and arts flourished Q. in the minds of the Tamils R. under the patronage of successive Pandian kings S. The name 'Madurai' evokes

Difficulty : Moderate

Average Time : 73 Seconds

Options :

1. SPQR
2. SQPR
3. SRPQ
4. SQRP

Solution :

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

- **S (Subject)**: "*The name 'Madurai'*" is the **subject** of the sentence. It **introduces** what the sentence is about.
- **Q (Qualifier)**: "*evokes in the minds of the Tamils*" is a **qualifier** that **provides additional information** about how the name 'Madurai' is perceived by the Tamils.
- **P (Predicate)**: "*the golden era when their language, culture, and arts flourished*" serves as the **predicate**, **explaining what 'Madurai' evokes**. It completes the **main idea** of the sentence.
- **R (Qualifier)**: "*under the patronage of successive Pandian kings*" **adds more detail about the historical context** of the golden era mentioned in the **predicate**.
- So, when arranged in the correct order (**SQPR**), the sentence reads: "*The name 'Madurai' evokes in the minds of the Tamils the golden era when their language, culture, and arts flourished under the patronage of successive Pandian kings.*"

Question 12 :



Select the option that can be used as a one-word substitute for the given group of words. A book where names and addresses of people living in an area is kept

Difficulty : Moderate

Average Time : 90 Seconds

Options :

1. Diary
2. Encyclopaedia
3. Directory
4. Library

Solution :

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

- **Directory:** A book or a listing containing an alphabetical or classified listing of names, addresses, and other information, such as telephone numbers or professional affiliations.
- Hence, the one-word substitute for "a book where names and addresses of people living in an area are kept" is "Directory."
- The other options mean:
 - **Diary:** A personal record or journal where one keeps a daily account of events, experiences, and thoughts.
 - **Encyclopaedia:** A comprehensive reference work or compendium that contains information on a wide range of topics, often arranged in alphabetical order.
 - **Library:** A place where a collection of books, periodicals, and other materials for reading, studying, or reference is kept.

Question 13 :

Select the correct spelling from the given options to fill in the blank. Jaysmita is one of the most _____ persons I have ever met as she has many talents.

Difficulty : Moderate

Average Time : 72 Seconds

Options :

1. versataile
2. versatele
3. versateile
4. versatile

Solution :

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

- In the given sentence, the correct spelling to fill in the blank is "**versatile.**"
- **Versatile** is an adjective that describes someone or something that is capable of adapting, able to perform various tasks or functions, and has many different talents or uses.
- "**Versatile**" is the correct spelling in this case, emphasizing the breadth of her abilities and skills in various areas.

Question 14 :

Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'. I have been in Chennai since a week, but I am planning to return now.

Difficulty : Moderate

Average Time : 59 Seconds

Options :

1. for
2. from
3. in
4. No substitution required

Solution :

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

- The word '**since**' is used to refer to a time (an action that begun in the past and is still continuing).
 - Example: *We have been married **since** 1996.*
- The word '**for**' is used to show a period of time, in the past, present or future. It is used as a preposition.
 - Example: *I was waiting **for** an hour.*
- Therefore the correct option will be "**for**".

Question 15 :

Select the most appropriate synonym for the underlined word in the given sentence. A colossal amount of money has been wasted on the construction of a new administrative building.

Difficulty : Moderate

Average Time : 62 Seconds

Options :

1. huge
2. miniature
3. small



micro

Solution :

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

- **Colossal** means extremely large, massive, or gigantic.
- Marked option **Huge** means very large or extremely big.
- Thus, the most appropriate synonym for 'colossal' is 'huge'.
- The other options mean:
 - **Miniature**: A small-scale replica or version of something, often designed to replicate the details of the original on a smaller scale.
 - **Small**: A general term used to describe something that is not large in size, extent, amount, or degree.
 - **Micro**: A prefix that means extremely small, often used in scientific and technical contexts to describe things at a microscopic or very tiny scale.

Question 16 :

Select the correct spelling from the given options to replace the underlined word in the following sentence. The new policy will supplant the old one and introduce stricter measures for workplace safety

Difficulty : Moderate

Average Time : 69 Seconds

Options :

1. **override**
2. **superseed**
3. **succeed**
4. **supersede**

Solution :

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

- Supplant means, to take the place of somebody/something.
- Supersede is synonym of supplant.
- All the other options are incorrectly spelt.
- The correct spelling and meaning of the other option:
 - Override- **Override**: to use your authority to reject somebody's decision, order, etc.
 - Succeed- **Succeed**: achieve the desired aim or result.
 - Supersede- **Superseed**: supersede implies replacing a person or thing that has become obsolete.

Question 17 :

Select the most appropriate ANTONYM of the given word. Penury

Difficulty : Moderate

Average Time : 55 Seconds

Options :

1. Emergency
2. Opulence
3. Regression
4. Euphemism

Solution :

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

- **Penury** refers to extreme poverty or destitution, indicating a state of being extremely poor and lacking basic necessities.
- Marked option **Opulence** refers to great wealth, luxury, and abundance, often associated with extravagant and lavish living.
- The other options mean:
 - **Emergency**: A sudden and often dangerous situation that requires immediate action or attention.
 - **Regression**: A return to a previous or less advanced state.
 - **Euphemism**: A figure of speech where a mild or less direct word or expression is used in place of a more direct or harsh one, often to make something unpleasant.

Comprehension :

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. Friendship is one of the most significant aspects (1)_____ human life. It is a relationship based on mutual trust, respect and support. True friendship is not just about spending time (2)_____, but also about sharing each other's joys, sorrows and dreams. Good friends are those who stand by us in both good times and bad times, providing emotional and moral support. Having good friends can have a positive impact on one's mental health and wellbeing. Friends can be a source of happiness, laughter and comfort. They can also provide different perspectives and ideas that can help us grow as (3)_____. Moreover, friends can serve as a support system during challenging times, offering words of encouragement and helping us navigate through difficult situations. (4)_____, building and maintaining friendships requires effort, patience and understanding. It is important to be there for each other, listen to one another and respect each other's boundaries. It is important to remember that friendships can evolve and change over time, and it is okay to let go of (5) _____ friendships

Question 18 :

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

Difficulty : Moderate

Average Time : 115 Seconds

Options :

1. on
2. of
3. for
4. by

Solution :

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

- It can be used to **help quantify a time or measurement** (e.g., “the fifth of September” or “three pounds of potatoes”).
- Of is a preposition that **indicates relationships between other words, such as belonging, things made of other things.**
- 'Friendship is one of the most significant aspects of human life.' In the context of the passage, we can see that "**of**" is used to justify the importance of friendship in human life.

Comprehension :

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. Friendship is one of the most significant aspects (1)_____ human life. It is a relationship based on mutual trust, respect and support. True friendship is not just about spending time (2)_____, but also about sharing each other's joys, sorrows and dreams. Good friends are those who stand by us in both good times and bad times, providing emotional and moral support. Having good friends can have a positive impact on one's mental health and wellbeing. Friends can be a source of happiness, laughter and comfort. They can also provide different perspectives and ideas that can help us grow as (3)_____. Moreover, friends can serve as a support system during challenging times, offering words of encouragement and helping us navigate through difficult situations. (4)_____, building and maintaining friendships requires effort, patience and understanding. It is important to be there for each other, listen to one another and respect each other's boundaries. It is important to remember that friendships can evolve and change over time, and it is okay to let go of (5) _____ friendships

Question 19 :

Select the most appropriate option to fill in blank number 2.

Difficulty : Moderate

Average Time : 107 Seconds

Options :

1. **simultaneously**

together

3. jointly

4. collectively

Solution :

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

- In the context, the passage refers to friendship. In the sentence, '**together**' is the correct adverb. Together means that two or more things are mixed or joined to each other. The point of reference is that friendship is all about sharing joy, spending time together, moral support and most importantly being there for one another in good or bad.

Comprehension :

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. Friendship is one of the most significant aspects (1)_____ human life. It is a relationship based on mutual trust, respect and support. True friendship is not just about spending time (2)_____, but also about sharing each other's joys, sorrows and dreams. Good friends are those who stand by us in both good times and bad times, providing emotional and moral support. Having good friends can have a positive impact on one's mental health and wellbeing. Friends can be a source of happiness, laughter and comfort. They can also provide different perspectives and ideas that can help us grow as (3)_____. Moreover, friends can serve as a support system during challenging times, offering words of encouragement and helping us navigate through difficult situations. (4)_____, building and maintaining friendships requires effort, patience and understanding. It is important to be there for each other, listen to one another and respect each other's boundaries. It is important to remember that friendships can evolve and change over time, and it is okay to let go of (5) _____ friendships

Question 20 :

Select the most appropriate option to fill in blank number 3.

Difficulty : Moderate

Average Time : 99 Seconds

Options :

1. entities

2. individuals

3. groups

4. beings

Solution :

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



In the context, the passage refers to **individual** growth. It says having a good friend circle is most important. It helps one another in mental growth. It helps in learning the perspective of one another. It gives a positive impact on individual character building.

- **'Individuals'** is the correct word to justify the statement.

Comprehension :

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. Friendship is one of the most significant aspects (1)_____ human life. It is a relationship based on mutual trust, respect and support. True friendship is not just about spending time (2)_____, but also about sharing each other's joys, sorrows and dreams. Good friends are those who stand by us in both good times and bad times, providing emotional and moral support. Having good friends can have a positive impact on one's mental health and wellbeing. Friends can be a source of happiness, laughter and comfort. They can also provide different perspectives and ideas that can help us grow as (3)_____. Moreover, friends can serve as a support system during challenging times, offering words of encouragement and helping us navigate through difficult situations. (4)_____, building and maintaining friendships requires effort, patience and understanding. It is important to be there for each other, listen to one another and respect each other's boundaries. It is important to remember that friendships can evolve and change over time, and it is okay to let go of (5) _____ friendships

Question 21 :

Select the most appropriate option to fill in blank number 4. We use, 'however' before an adjective or adverb to emphasize that the degree or extent of something cannot change a situation. Here in the sentence it is used as an adverb. In the context, it states how friends act as a backbone during tough times and why we need friends. It takes time, effort, patience and understanding in building the unbreakable bond of friendship.

Difficulty : Moderate

Average Time : 125 Seconds

Options :

1. Similarly
2. And
3. Because
4. However

Solution :

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

Comprehension :

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate

option to fill in each blank. Friendship is one of the most significant aspects (1)_____ human life. It is a relationship based on mutual trust, respect and support. True friendship is not just about spending time (2)_____, but also about sharing each other's joys, sorrows and dreams. Good friends are those who stand by us in both good times and bad times, providing emotional and moral support. Having good friends can have a positive impact on one's mental health and wellbeing. Friends can be a source of happiness, laughter and comfort. They can also provide different perspectives and ideas that can help us grow as (3)_____. Moreover, friends can serve as a support system during challenging times, offering words of encouragement and helping us navigate through difficult situations. (4)_____, building and maintaining friendships requires effort, patience and understanding. It is important to be there for each other, listen to one another and respect each other's boundaries. It is important to remember that friendships can evolve and change over time, and it is okay to let go of (5) _____ friendships

Question 22 :

Select the most appropriate option to fill in blank number 5.

Difficulty : Moderate

Average Time : 82 Seconds

Options :

1. toxic
2. unsafe
3. happy
4. safe

Solution :

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

- In this context, '**toxic**' is the most appropriate word to fill the blank.
- Toxic means extremely harsh, malicious, or harmful.
- From the context of the passage we get the idea that friends should look after one another and be there in times of need. But, in times if the friendship has run its course and it's causing pain and toxicity, we should leave them.

Question 23 :

Select the most appropriate idiom for the following sentence. The government arrested the opposition leader, making the situation worse.

Difficulty : Moderate

Average Time : 52 Seconds

Options :

1. To cast pearls before swine



To be on the last leg

3. To add fuel to the fire

4. To bite the dust

Solution :

The correct answer is **Option 3. i.e. To add fuel to the fire.**

- The idiom "**To add fuel to the fire**" means to make a bad situation worse or to intensify a conflict or problem.
- So, the idiom "**To add fuel to the fire**" is correct because it perfectly captures the essence of the situation described in the sentence.
- The other options mean:
 - **To cast pearls before swine:** To offer something valuable to someone who does not appreciate its worth or is incapable of understanding it.
 - **To be on the last leg:** To be in the final stages of a process, often implying that something is near its end or about to fail.
 - **To bite the dust:** To suffer a defeat or failure; to face a downfall or setback.

Question 24 :

Select the most appropriate synonym for the given word. Compel

Difficulty : Moderate

Average Time : 75 Seconds

Options :

1. Allow

2. Stop

3. Give

4. Obligate

Solution :

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

- **Compel** means to force or drive someone to do something.
- **Obligate** means to bind or constrain by a legal, moral, or social obligation; to require or compel someone to do something.
- Therefore, the appropriate synonym for "compel" is "obligate".
- The other options mean:
 - **Allow:** To permit or give permission; to enable someone to do something.
 - **Stop:** To cease or halt an action or movement; to prevent something from continuing.



Give: To transfer the possession or ownership of something to someone else.

Question 25 :

Select the most appropriate option that expresses the given sentence in passive voice. The chef prepares the food in the kitchen.

Difficulty : Moderate

Average Time : 63 Seconds

Options :

1. The food will be prepared by the chef in the kitchen.
2. The food prepares by the chef in the kitchen.
3. The food is preparing by the chef in the kitchen.
4. The food is prepared by the chef in the kitchen.

Solution :

The correct answer is **Option 4. i.e. The food is prepared by the chef in the kitchen.**

- In the **passive** voice, the **object of the active sentence becomes the subject**, the **verb is changed to its passive form**, and the **original subject is mentioned as the agent** is introduced by the preposition "**by**."
- The prepositional phrase remains in the same position.
- **Active Voice Structure:** Subject + Verb + Object + Prepositional Phrase
- **Passive Voice Structure:** Object (from the active sentence) + Verb (in passive form) + Agent ('by') + Prepositional Phrase

Question 26 :

RK Bijapore played which of the following musical instruments?

Difficulty : Moderate

Average Time : 69 Seconds

Options :

1. Harmonium
2. Tabla
3. Ravanahatha
4. Sitar

Solution :

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



- R.K. Bijapure's skill in playing the harmonium suggests that he likely has a deep understanding of music theory, rhythm, melody, and harmony.
- His ability to express himself through this instrument could encompass a wide range of musical styles and genres, from traditional Indian classical compositions to contemporary pieces.

Question 27 :

Which of the following statements is/are correct about speculative demand for money? i. It is Perfectly interest elastic ii. It is Relatively interest elastic iii. It is Perfectly interest inelastic iv. It is Relatively interest inelastic

Difficulty : Moderate**Average Time : 52 Seconds****Options :**

1. Only iii and iv
2. Only iii
3. Only i and ii
4. Only ii

Solution :

The correct answer is **Option 4 i.e. Only ii.**

- When the speculative demand for money is relatively interest elastic, small changes in interest rates can lead to significant shifts in the amount of money people hold for speculative purposes.
- This responsiveness reflects the dynamic nature of financial markets and individuals' efforts to maximize their returns on investment.

Question 28 :

Which of the following is enforceable by the Indian Constitution?

Difficulty : Moderate**Average Time : 46 Seconds****Options :**

1. Preamble
2. Fundamental rights
3. Directive principles of state policy
4. Fundamental duties

Solution :



The correct answer is **Option 2 i.e. Fundamental rights.**

- The Constitution of India, adopted on January 26, 1950, guarantees certain fundamental rights to its citizens.
- These rights are enshrined in Part III (Articles 12 to 35) of the Constitution and are considered essential for the overall well-being and dignity of individuals living in India.

Question 29 :

Which of the following regions of India has the maximum concentration of iron and steel industries?

Difficulty : Moderate

Average Time : 45 Seconds

Options :

1. Western Ghats
2. Deccan Plateau
3. Chhota Nagpur plateau
4. Indo-Gangetic plains

Solution :

The correct answer is **Option 3 i.e. Chhota Nagpur plateau.**

- The Chhota Nagpur Plateau is rich in iron ore deposits, which are crucial for the production of steel.
- Iron ore is the primary raw material used in the steel-making process. The presence of abundant iron ore reserves in this region has attracted iron and steel industries.

Question 30 :

Which of the following is declared as a Wild Ass Sanctuary?

Difficulty : Moderate

Average Time : 45 Seconds

Options :

1. Ladakh
2. Sunderbans
3. Spiti Valley
4. Rann of Kachchh

Solution :

The correct answer is **Option 4 i.e. Rann of Kachchh.**

- The Rann of Kachchh, a vast salt marsh located in the Thar Desert region of Gujarat, India, is indeed home to the



Indian Wild Ass, also known as the Ghudkhar or Khur.

- This unique ecosystem supports a variety of wildlife, including several endangered species.

Question 31 :

Which of these is NOT a flow concept?

Difficulty : Moderate

Average Time : 44 Seconds

Options :

1. Profit of a corporation
2. Output produced by a firm
3. Interest expense on loan
4. Number of machines used in a factory

Solution :

The correct answer is **Option 4 i.e. Number of machines used in a factory.**

- The number of machines affects resource allocation and utilization within the factory. This includes factors such as labor, energy, and maintenance resources required to operate and maintain the machines.
- The number of machines used in a factory is inherently tied to the flow of materials, resources, and information within the production system. Therefore, it can be considered a flow concept in the context of operations management.

Question 32 :

Import substitution strategy is commonly called _____.

Difficulty : Moderate

Average Time : 54 Seconds

Options :

1. make in India campaign
2. outward looking trade strategy
3. balanced trade strategy
4. inward looking trade strategy

Solution :

The correct answer is **Option 4 i.e. inward looking trade strategy.**



- The term "inward-looking trade strategy" encapsulates the focus on domestic production, the imposition of trade barriers, the stimulation of domestic demand, and the historical context of reducing dependency on foreign imports, all of which are central elements of import substitution strategies.
- The focus is on developing and expanding domestic industries across various sectors to meet the demand for goods that were previously imported.

Question 33 :

Which of the following dance forms is performed by the Adi tribe of Arunachal Pradesh?

Difficulty : Moderate

Average Time : 59 Seconds

Options :

1. Tapu
2. Karma
3. Sangphao
4. Kaksar

Solution :

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

The Tapu Dance of the Adi tribe serves as a vibrant expression of cultural identity, heritage, and community cohesion.

It embodies the rich cultural diversity of Arunachal Pradesh and highlights the importance of traditional arts in preserving and celebrating indigenous cultures.

Question 34 :

The Fugitive Economic Offenders Act, 2018, which has come into force on the 21st of April 2018. extends to:



Difficulty : Moderate

Average Time : 43 Seconds

Options :

1. whole of India
2. only Gujarat
3. only Maharashtra
4. only union territories

Solution :

The correct answer is **Option 1 i.e. whole of India.**

- The Fugitive Economic Offenders Act, 2018, serves as a significant legal tool in the Indian government's efforts to combat economic offenses and ensure accountability for financial wrongdoing.
- Its nationwide applicability underscores the government's commitment to tackling economic crimes across the country.

Question 35 :

Under which Article of the Directive Principles of State Policy. a working woman on maternity leave, must receive all maternity benefits from the employer?

Difficulty : Moderate

Average Time : 48 Seconds

Options :

1. Article 42
2. Article 44
3. Article 45
4. Article 43

Solution :

The correct answer is **Option 1 i.e. Article 42.**

- Article 42 underscores the importance of maternity relief and humane conditions of work, the responsibility for providing specific maternity benefits, such as paid maternity leave and medical benefits, primarily rests with the employer as outlined in the Maternity Benefit Act, 1961, and related regulations.
- This could include measures such as establishing maternity healthcare facilities, providing financial support to pregnant women, or implementing policies to promote the welfare of working mothers.



Question 36 :

Which of the following statement(s) is true? A) Higher inflation means lower real GDP, ceteris paribus B) Price Index is 200 if nominal GDP and real GDP are the same

Difficulty : Moderate

Average Time : 60 Seconds

Options :

1. only B
2. Both A and B
3. Only A
4. Neither A nor B

Solution :

The correct answer is **Option 3 i.e. Only A**

- when inflation increases, it tends to erode the purchasing power of consumers and businesses. While nominal GDP may rise due to higher prices, real GDP, which adjusts for inflation, may either remain constant or even decrease if there is no corresponding increase in output or economic activity.
- Therefore, higher inflation, ceteris paribus, generally implies lower real GDP as it reflects a situation where the economy's growth in output is not keeping pace with rising prices.



1.

Question 37 :

Which of the following states had the highest percentage of Scheduled Tribes in the country as per census 2011?

Difficulty : Moderate

Average Time : 68 Seconds

Options :

1. Rajasthan
2. Maharashtra
3. Madhya Pradesh
4. Chhattisgarh

Solution :

The correct answer is **Option 3 i.e. Madhya Pradesh.**

- The presence of a significant Scheduled Tribes population in Madhya Pradesh underscores the importance of such policies and initiatives.
- Madhya Pradesh's high percentage of Scheduled Tribes population is a result of its historical, geographical, and socio-economic factors, as well as the presence of diverse tribal communities with deep-rooted cultural identities.

Question 38 :



The headquarters of the Ghadar Movement was located at which of the following places?

Difficulty : Moderate

Average Time : 50 Seconds

Options :

1. San Francisco
2. London
3. New York
4. Kabul

Solution :

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

- The Ghadar Movement sought support and solidarity from various groups sympathetic to their cause, including Irish nationalists, Chinese revolutionaries, and others.
- San Francisco's strategic location, vibrant political atmosphere, and presence of a significant Indian diaspora made it an ideal headquarters for the Ghadar Movement, which aimed to mobilize Indian expatriates towards achieving independence for India from British colonial rule.

Question 39 :

Who introduced Mansabdari system into the administration under the Mughals?

Difficulty : Moderate

Average Time : 55 Seconds

Options :

1. Akbar



Shah Jahan

3. Aurangzeb

4. Jahangir

Solution :

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

- Akbar's introduction of the Mansabdari system was a significant reform that helped consolidate and expand the Mughal Empire, laying the foundation for its administrative and military success in subsequent years.
- The Mansabdari system played a crucial role in centralizing and strengthening the administrative and military structures of the Mughal Empire.

Question 40 :

Which of the following indicators is the best to assess the living standard of people?

Difficulty : Moderate

Average Time : 47 Seconds

Options :

1. Literacy rate
2. Physical quality of life index
3. Neonatal mortality rate
4. Maternal mortality rate

Solution :

The correct answer is **Option 2 i.e. Physical quality of life index.**

- The Physical Quality of Life Index provides a comprehensive measure of the basic living standards and human development within a population.
- It considers not only health outcomes but also educational attainment, both of which are essential components of overall well-being and quality of life.

Question 41 :

In March 2023, a stadium was named after which the following female hockey players?

Difficulty : Moderate

Average Time : 47 Seconds

Options :



Poonam Rani

2. Sushila Chanu

3. Navjot Kaur

4. Rani Rampal

Solution :

The correct answer is **Option 4 i.e. Rani Rampal.**

- Rani Rampal is a prominent Indian field hockey player who has made significant contributions to the sport both nationally and internationally.
- In March 2023, the naming of a stadium after Rani Rampal would likely be a recognition of her achievements and contributions to Indian hockey.

Question 42 :

Lactitol is derived through the hydrogenation of:

Difficulty : Moderate

Average Time : 44 Seconds

Options :

1. maltose
2. lactic acid
3. lactose
4. glucose

Solution :

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

- Lactitol is derived through the hydrogenation of lactose, a process that involves the addition of hydrogen atoms to the lactose molecule, resulting in the formation of lactitol, a sugar alcohol with reduced sweetness and caloric content.
- This conversion process allows lactitol to be used as a sugar substitute in various food and pharmaceutical applications.

Question 43 :

The term 'tackle point' is associated with _____ .



Difficulty : Moderate

Average Time : 46 Seconds

Options :

1. Football
2. Baseball
3. Hockey
4. Kabaddi

Solution :

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

- The term "tackle point" is indeed associated with the sport of Kabaddi.
- In Kabaddi, a tackle point refers to a situation where a defensive player successfully stops or tackles an opponent from returning to their own half of the playing area, thereby earning a point for their team.

Question 44 :

In January 2023 _____ Was appointed as the next Director General in the Directorate General of Civil Aviation (DGCA).

Difficulty : Moderate

Average Time : 46 Seconds

Options :

1. Arvind Singh
2. MR Synrem
3. Vikram Dev Dutt
4. V Vidyavathi

Solution :

The correct answer is **Option 3 i.e. Vikram Dev Dutt.**

- Vikram Dev Dutt's appointment as the next Director General of the DGCA represents a significant milestone in the regulation and administration of civil aviation in India.
- His leadership will play a crucial role in advancing the safety, efficiency, and development of the aviation industry in the country.

Question 45 :

Which of the following tests is used for starch detection?



Difficulty : Moderate

Average Time : 46 Seconds

Options :

1. Iodine test
2. Glucose test
3. Salt test
4. Sodium test

Solution :

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

- The iodine test is a simple and effective method for detecting the presence of starch based on the formation of a blue-black color upon reaction with iodine.
- This test is widely used in various scientific and practical applications for starch detection.

Question 46 :

Which of the following is NOT an example of fiat money in India?

Difficulty : Moderate

Average Time : 44 Seconds

Options :

1. ₹1500 currency note
2. ₹1200 bank cheque
3. ₹120 coin
4. ₹110 coin

Solution :

The correct answer is **Option 2 i.e. ₹1200 bank cheque.**

- A ₹1200 bank cheque serves as a negotiable instrument for transferring funds between parties, it does not meet the criteria of fiat money because it is not issued by the government, it is not legal tender, and its value is dependent on the solvency of the issuing bank.
- Fiat money in India primarily consists of currency notes and coins issued by the Reserve Bank of India (RBI) as legal tender for all transactions within the country.

Question 47 :

At Mumbai's Wankhede Stadium, India defeated Australia by how many wickets in the first ODI of the three match Series in March 2023?



Difficulty : Moderate

Average Time : 55 Seconds

Options :

1. 4 wickets
2. 6 wickets
3. 2 wickets
4. 5 wickets

Solution :

The correct answer is **Option 4 i.e. 5 wickets.**

- The victory of India over Australia by 5 wickets in the first One Day International (ODI) match held at Mumbai's Wankhede Stadium in March 2023 marks a significant moment in cricketing history.
- India's victory over Australia in the first ODI at Wankhede Stadium represents a memorable and significant achievement for the Indian cricket team, highlighting their skill, determination, and ability to perform on the big stage against tough opposition.

Question 48 :

Which of the following statements are CORRECT: a) The Sarhul festival is celebrated in Jharkhand. b) Sal tree flowers are collected and offered to God during the Sarhul festival. c) The flowers of the Sal tree symbolise the fertility of Earth.

Difficulty : Moderate

Average Time : 58 Seconds

Options :

1. Only a and c
2. Only a and b
3. All a, b and c
4. Only b and c

Solution :

The correct answer is **Option 3 i.e. All a, b and c.**

- The Sarhul festival celebrated in Jharkhand and other tribal regions involves the collection and offering of Sal tree flowers, which symbolize the fertility of the Earth and are considered sacred by tribal communities.

The festival is an expression of gratitude to nature and a celebration of the interconnectedness between humans and the environment.

Question 49 :

Which actress-cum-dancer was honoured with the Padma Bhushan award in 2011?

Difficulty : Moderate

Average Time : 54 Seconds

Options :

1. Hema Malini
2. Waheeda Rehman
3. Meena Kumari
4. Rekha

Solution :

The correct answer is **Option 2 i.e. Waheeda Rehman.**

- Waheeda Rehman's body of work continues to inspire generations of actors and filmmakers in India and around the world.
- Her performances are celebrated for their emotional depth, authenticity, and timeless appeal, making her an iconic figure in Indian cinema.

Question 50 :

What is the other name of Bharathapuzha, the longest river of Kerala, which flows from the west and falls into the Arabian Sea?

Difficulty : Moderate

Average Time : 46 Seconds

Options :

1. Ittikara
2. Ayiroor
3. Ponnani



peyyari

Solution :

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

- Ponnani is a town located at the mouth of the Bharathapuzha River, which is the longest river in Kerala. The river, also known as the River Nila, originates from the Western Ghats and flows westward, eventually emptying into the Arabian Sea near Ponnani.
- The river holds immense cultural, historical, and economic significance for the region.

**Question 51 :**

A and B can do a piece of work in 10 days and 15 days, respectively. They worked together, but 5 days before the completion of the work, A left. In how many days was the work completed?

Difficulty : Moderate

Average Time : 58 Seconds

Options :

1. 4
2. 8
3. 6
4. 9

Solution :

The correct answer is **option 4 i.e. 9.**

Given that

A and B can do a piece of work in 10 days and 15 days, respectively.

Total work = LCM (10, 15) = 30

The efficiency of A = $30/10 = 3$

The efficiency of B = $30/15 = 2$

Let Work is completed in D days

According to the question

$$A \times (D - 5) + B \times D = 30$$

$$3 \times (D - 5) + 2 \times D = 30$$

$$3D + 2D = 30 + 15 = 45$$

$$5D = 45$$

$$D = 9 \text{ days}$$

Question 52 :

If $x : y : z = 3 : 4 : 5$, then what will be the ratio of $((\frac{x}{y}) : (\frac{y}{z}) : (\frac{z}{x}))$?

Difficulty : Moderate

Average Time : 56 Seconds

Options :

1. 49 : 37 : 100

2. 45 : 48 : 100

3. 41 : 37 : 100

4. 37 : 47 : 100

Solution :

The correct answer is **option 2** i.e. **45 : 48 : 100**.

Given that

$$\text{If } x : y : z = 3 : 4 : 5$$

Let the value of x, y and z be 3k, 4k, and 5k

$$\text{Hence, the ratio of } ((\frac{x}{y}) : (\frac{y}{z}) : (\frac{z}{x})) = (3k/4k) : (4k/5k) : (5k/3k) = (3/4) : (4/5) : (5/3)$$

$$= 45 : 48 : 100$$

Question 53 :



If $\cos \theta + \sec \theta = \sqrt{3}$, then the value of $\cos^3 \theta + \sec^3 \theta$ is:

Difficulty : Moderate

Average Time : 45 Seconds

Options :

- 0
- $\frac{1}{\sqrt{3}}$
- $\sqrt{3}$
- $2\sqrt{3}$

Solution :

The correct answer is **option 1** i.e. **0**.

Given that

$$\cos \theta + \sec \theta = \sqrt{3},$$

Cube both sides

$$\cos^3 \theta + \sec^3 \theta + 3 \cos \theta \sec \theta (\cos \theta + \sec \theta) = 3\sqrt{3}$$

$$\cos^3 \theta + \sec^3 \theta + 3\sqrt{3} = 3\sqrt{3}$$

$$\cos^3 \theta + \sec^3 \theta = 0$$

Question 54 :

The following table gives the percentage of marks obtained by seven students in six different subjects in an examination. The number in the brackets gives the maximum marks in each subject.

Subject	(Max. Marks)	Students	Maths	Chemistry	Physics	Geography	History	Computer Science
Ayush	90	50	90	60	70	80	80	
Aman	100	80	80	40	80	70	80	
Sajal	90	60	70	70	90	70	70	
Rohit	80	65	80	80	60	60	60	
Muskan	80	65	85	95	50	90	90	
Tanvi	70	75	65	85	40	60	60	
Tarun	65	35	50	77	80	80	80	

If a student secures 80% or more in a subject, the student is considered to have received a distinction in the subject. Who among the students below received a distinction in exactly one of the six subjects?

Difficulty : Moderate

Average Time : 76 Seconds

Options :

- Rohit
- Sajal
- Tanvi



Tarun

Solution :

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

Given that

If a student secures 80% or more in a subject, the student is considered to have received a distinction in the subject.

We check a student below received a distinction in exactly one of the six subjects

Tanvi got distinction in one subject i.e. Geography

Hence, Tanvi is a student who received below distinction in exactly one of the six subjects

Question 55 :

Which of the following is the nearest number to 13051 and is divisible by 9?

Difficulty : Moderate

Average Time : 51 Seconds

Options :

1. 13057
2. 13056
3. 13059
4. 13058

Solution :

The correct answer is **option 3** i.e. **13059**.

Given that

The nearest number to 13051 which is divisible by 9

Concept used

Divisibility rule of 9 = The sum of digits of the number is divisible by 9

Calculation

The sum of digits of number = $1 + 3 + 0 + 5 + 1 = 10$, which is not divisible by 9

If we added 8 then $10 + 8 = 18$ is divisible by 9

Hence, the required nearest number is divisible by 9 = $13051 + 8 = 13059$

**Question 56 :**

if the height and slant height of a cone are 21 cm and 29 cm, respectively. Find its volume. ((Use $\pi = \frac{22}{7}$))

Difficulty : Moderate**Average Time : 50 Seconds****Options :**

1. 8800 cm³
2. 8708 cm³
3. 8440 cm³
4. 8080 cm³

Solution :

The correct answer is **option 1** i.e. **8800 cm³**

Given that

The height (h) and slant height (l) of a cone are 21 cm and 29 cm, respectively.

Formula used

$$\text{Slant height (l)} = \sqrt{h^2 + r^2}$$

The volume of a cone is $\frac{1}{3} \pi r^2 h$ cubic units

where, r is radius of a cone

Calculation

$$29 = \sqrt{21^2 + r^2}$$

$$r^2 = 29^2 - 21^2 = 841 - 441 = 400$$

$$r = 20 \text{ cm}$$

$$\text{Hence, Volume of a cone} = \frac{1}{3} \times \left(\frac{22}{7}\right) \times 20^2 \times 21 = 8800 \text{ cm}^3$$

Question 57 :

Ashima borrowed ₹ 75,000 from a nationalised bank on 26th March 2022 at the rate of 9% per annum in simple interest. If she cleared the account on 7th June of the same year. then what amount did she pay?

Difficulty : Moderate**Average Time : 69 Seconds****Options :**



1. ₹ 75,000
2. ₹ 76,350
3. ₹ 11,350
4. ₹ 175,350

Solution :

The correct answer is **option 2** i.e. ₹ 76,350.

Given that

Ashima borrowed (P) = ₹ 75,000

Rate of simple interest (R) = 9% p.a.

Time (T) = 22 march 2022 to 7 june 2022 = 73 days

Formula used

S.I. = $\frac{PRT}{100}$

Amount = P + S.I.

Calculation

S.I. = $75000 \times 9 \times \frac{73}{365} / 100$

S.I. = ₹ 1350

Hence, Amount = P + S.I. = 75000 + 1350 = ₹ 176350

Question 58 :

The pie chart given here shows the spending by a family on various items during the year 1999. Study the graph and answer these questions. If the total amount spent during the year 1999 was ₹ 46,000, the amount spent on food was:

Difficulty : Moderate

Average Time : 54 Seconds

Options :

1. ₹ 10,580
2. ₹ 23,450
3. ₹ 23,000
4. ₹ 12,000

**Solution :**

The correct answer is **option 1** i.e. **₹ 10,580**.

Given that

The total amount spent during the year 1999 = ₹ 46,000

The percentage of money spent on food = 23%

Hence, the amount spent on food = $46000 \times \frac{23}{100} = ₹ 10580$

Question 59 :

If $\cos(3) = \sin(90^\circ - 22^\circ)$, where $3 < 90^\circ$, then what is the value of 3 ?

Difficulty : Moderate

Average Time : 40 Seconds

Options :

1. 29°
2. 26°
3. 27°
4. 28°

Solution :

The correct answer is **option 4** i.e. **28°**

Given that

If $\cos(3) = \sin(90^\circ - 22^\circ)$, where $3 < 90^\circ$,

According to the question

$$\sin(90^\circ - 3) = \sin(90^\circ - 22^\circ)$$

$$90^\circ - 3 = 90^\circ - 22^\circ$$

$$4 = 90^\circ + 22^\circ = 112^\circ$$

$$3 = \frac{112^\circ}{4} = 28^\circ$$

Question 60 :

If $\sec^2 \theta - \tan^2 \theta = m$, then $2 \tan^2 \theta = ?$

Difficulty : Moderate

Average Time : 47 Seconds

Options :



$$1. \left(\frac{1-m}{m}\right)$$

$$2. \left(\frac{1-m^2}{m}\right)$$

$$3. \left(\frac{1+m^2}{m}\right)$$

$$4. \left(\frac{m^2-1}{m}\right)$$

Solution :

The correct answer is **option 2** i.e. $\left(\frac{1-m^2}{m}\right)$

Given that

$$\text{If } \sec \theta - \tan \theta = m, \dots\dots(1)$$

As we know,

$$\sec \theta + \tan \theta = 1/(\sec \theta - \tan \theta)$$

$$\sec \theta + \tan \theta = 1/m \dots\dots(2)$$

Equation 2 - Equation 1

$$2 \tan \theta = 1/m - m = \left(\frac{1-m^2}{m}\right)$$

Question 61 :

The average weight of the group of 12 players increases by 1.5 kg when a player who weight 63 is replaced by a new player. What is the weight of the new player?

Difficulty : Moderate

Average Time : 61 Seconds

Options :

1. 84 kg

2. 81 kg

3. 83 kg

4. 79 kg

Solution :

The correct answer is **option 2** i.e. **81 kg**.

Given that

The average weight of the group of 12 players increases by 1.5 kg



The weight of replaced player = 63 kg

According to the question

Increased weight = $12 \times 1.5 = 18$ kg

Hence, the weight of new player = $63 + 18 = 81$ kg

Question 62 :

In a 5 km race. S gave a 500 m head start to T. If they finished the race at the same time and the speed of T is 13.5 km/h, the speed of S is:

Difficulty : Moderate

Average Time : 49 Seconds

Options :

1. 15 km/h
2. 20 km/h
3. 17.5 km/h
4. 16.5 km/h

Solution :

The correct answer is **option 1** i.e. **15 km/h**.

Given that

In a 5 km race. S gave a 500 m head start to T.

T travels the distance = 4500 m

S travels the distance = 5000 m

The speed of T is 13.5 km/h

If they finished the race at the same time

According to the question

For the constant time, The speed is directly proportional to the distance

Speed of S/Speed of T = Distance by S/Distance by T

Speed of S/13.5 = 5000/4500 = 10/9

Speed of S = $135/9 = 15$ km/h

Question 63 :

A circle with a center O has a chord AB that is 20 cm in length. If the radius of the circle is 12 cm, then the area of triangle AOB is:

Difficulty : Moderate

Average Time : 63 Seconds

Options :

1. $\sqrt{20 \times 15} \text{ cm}^2$
2. $\sqrt{22 \times 11} \text{ cm}^2$
3. $\sqrt{20 \times 11} \text{ cm}^2$
4. $\sqrt{22 \times 15} \text{ cm}^2$

Solution :

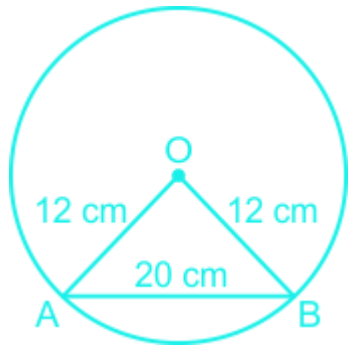
The correct answer is **option 3** i.e. $\sqrt{20 \times 11} \text{ cm}^2$.

Given that

A circle with a center O has a chord AB that is 20 cm in length

∧ If the radius of the circle (r) = 12 cm

According to the question



$$\text{Semi perimeter (s)} = (12 + 12 + 20)/2 = 44/2 = 22 \text{ cm}$$

$$\text{Area of a triangle OAB} = [s \times (s - a) \times (s - b) \times (s - c)]$$

$$= [22 \times (22 - 12) \times (22 - 12) \times (22 - 20)] = [22 \times 10 \times 10 \times 2] = 4400 = \sqrt{20 \times 11} \text{ cm}^2$$

Question 64 :

If $\tan \theta = \frac{8}{19}$, find the value of $\sec^2 \theta$.

Difficulty : Moderate

Average Time : 69 Seconds

**Options :**

1. $\frac{11}{19}$
2. $\frac{8}{19}$
3. $\frac{297}{361}$
4. $\frac{64}{361}$

Solution :

The correct answer is **option 4** i.e. $\frac{64}{361}$.

Given that

If $\tan = \frac{8}{19}$,

As we know,

$$\sec^2 - \tan^2 = 1$$

$$\sec^2 = 1 + \tan^2$$

$$\sec^2 = 1 + \left(\frac{8}{19}\right)^2 = 1 + \frac{64}{361} = \frac{64}{361}$$

Question 65 :

The cost of 3 breads and 1 packet of juice at a certain store is ₹ 323.50. At the same store. the cost of 5 breads and 1 packet of juice is ₹ 433.50. What will be the cost of 2 breads and 2 packets of juice at this store?

Difficulty : Moderate

Average Time : 64 Seconds

Options :

1. ₹ 427
2. ₹ 350
3. ₹ 433
4. ₹ 403

Solution :

The correct answer is **option 1** i.e. ₹ 427.

Given that

The cost of 3 breads and 1 packet of juice = ₹ 323.50

The cost of 5 breads and 1 packet of juice = ₹ 433.50



According to the question

$$3 \text{ breads} + 1 \text{ juice} = 323.50 \text{(1)}$$

$$5 \text{ breads} + 1 \text{ juice} = 433.50 \text{(2)}$$

Equation 2 - Equation 1

$$2 \text{ breads} = 433.50 - 323.50 = \hat{a},1 \ 110$$

$$\text{So, } 3 \text{ breads} = 110 \times 3/2 = \hat{a},1 \ 165$$

Now, from the equation 1

$$1 \text{ juice} = 323.50 - 165 = 158.50$$

$$2 \text{ juice} = 158.50 \times 2 = 317$$

$$\text{Hence, the required value} = 317 + 110 = \hat{a},1427$$

Question 66 :

In how many years will $\hat{a},1 \ 40000$ amounts to $\hat{a},1 \ 46656$ at the rate of 8% compound interest per annum?

Difficulty : Moderate

Average Time : 52 Seconds

Options :

1. 5

2. 2

3. 4

4. 3

Solution :

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

Given that

$$\text{Principal} = \hat{a},1 \ 40000$$

$$\text{Amounts} = \hat{a},1 \ 46656$$

The rate of 8% compound interest

Formula used

$$\text{Amount} = \text{Principal} (1 + \text{Rate}/100)^{\text{Time}}$$



Calculation

$$46656 = 40000 (1 + 8/100)^{\text{Time}}$$

$$(1 + 8/100)^{\text{Time}} = 46656/40000 = 1.1664$$

$$(1.08)^{\text{Time}} = 1.1664 = 1.08^2$$

Time = 2 years

Question 67 :

Two triangles, MNO and XYZ are given similar with the ratio of their side as 9 : 4. If the area of the larger triangle is 243 sq. cm, then the area of the smaller triangle will be:

Difficulty : Moderate

Average Time : 51 Seconds

Options :

1. 162 sq.cm
2. 28 sq.cm
3. 48 sq.cm
4. 16 sq.cm

Solution :

The correct answer is **option 3** i.e. **48 sq.cm.**

Given that

Two triangles, MNO and XYZ, are similar.

The ratio of their side = 9 : 4

If the area of the larger triangle is 243 sq.cm

Formula used

The ratio of areas = The squares of the corresponding sides of the triangles

Calculation

The area of the smaller triangle/The area of the larger triangle = (Smaller side/Larger side)²

The area of the smaller triangle/243 = (4/9)²

The area of the smaller triangle = 16 × 243/81 = 48 cm²

Question 68 :



If $a = \frac{1}{a - \sqrt{6}}$ ($a > 0$), then the value of $(a + \frac{1}{a})$ is:

Difficulty : Moderate

Average Time : 59 Seconds

Options :

1. $\sqrt{6}$
2. $\sqrt{10}$
3. $\sqrt{15}$
4. $\sqrt{7}$

Solution :

The correct answer is **option 2** i.e. $\sqrt{10}$.

Given that

$$\text{If } a = \frac{1}{a - \sqrt{6}} \text{ (} a > 0 \text{)}$$

$$a - \sqrt{6} = 1/a$$

$$a - 1/a = \sqrt{6}$$

Square both side

$$a^2 + 1/a^2 - 2 = 6$$

$$a^2 + 1/a^2 = 6 + 2 = 8$$

$$(a + 1/a)^2 - 2 = 8$$

$$(a + 1/a)^2 = 10$$

$$a + 1/a = \sqrt{10}$$

Question 69 :

Manoj marked his goods 30% above the cost price and gave a 12% discount to the customers. The profit or loss percentage is:

Difficulty : Moderate

Average Time : 63 Seconds

Options :

1. 14.8% loss
2. 15.4% profit



14.4% profit

4. 15% loss

Solution :

The correct answer is **option 3** i.e. **14.4% profit**.

Given that

Manoj marked his goods 30% above the cost price

He gave a 12% discount to the customers

Formula used

$$\text{Profit \%} = x - d - (xd)/100$$

where, x is the percentage by which marked price increased

d is the discount given to the customers

Calculation

$$\text{Profit \%} = 30 - 12 - (30 \times 12)/100 = 18 - 3.6 = 14.4\%$$

Question 70 :

If $(x = \frac{1}{x-5})$ ($x > 0$), then the value of $(x + \frac{1}{x})$ is :

Difficulty : Moderate

Average Time : 51 Seconds

Options :

1. $\sqrt{41}$

2. $\sqrt{29}$

3. $\sqrt{23}$

4. $\sqrt{43}$

Solution :

The correct answer is **option 2** i.e. $\sqrt{29}$.

Given that

$$\text{If } (x = \frac{1}{x-5}) \text{ (} x > 0 \text{),}$$

$$x - 5 = 1/x$$



$$x - 1/x = 5$$

Square both side

$$x^2 + 1/x^2 - 2 = 25$$

$$x^2 + 1/x^2 = 25 + 2 = 27$$

$$(x + 1/x)^2 - 2 = 27$$

$$(x + 1/x)^2 = 29$$

$$x + 1/x = \sqrt{29}$$

Question 71 :

A shopkeeper marked a product, 40% above the cost price and sold the product for ₹ 3,780 by giving a discount of 10%. The profit percentage of the shopkeeper is:

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

1. 30%
2. 26%
3. 42%
4. 14%

Solution :

The correct answer is **option 2** i.e. **26%**.

Given that

A shopkeeper marked a product, 40% above the cost price

The selling price = ₹ 3,780

The discount % on the marked price = 10%

Let the cost price of a product be 100 units

The marked price = $100 + 40 = 140$ units

According to the question

S.P. = $140 \times 90/100 = 126$ units

So, 126 units = ₹ 3,780

100 units = $3780 \times 100/126 = ₹ 3000$

The cost price is = ₹ 3000

Profit gets by shopkeeper = $3780 - 3000 = ₹ 780$

Hence, the profit percentage = $(\text{Profit}/\text{C.P.}) \times 100 = (780/3000) \times 100 = 26\%$

Question 72 :

The following table represents the number of five different types of cars A, B, C, D, and E manufactured by a company over five years. Read the table carefully and answer the question given below:

Years/	Cars A	B	C	D	E
2018	2550	2675	2400	2000	450
2019	2600	2800	2550	1900	375
2020	2775	2600	2600	2000	400
2021	2800	2750	2500	1975	475
2022	3000	2800	2650	2100	500

What is the percentage increment in the production of D-type cars in the year 2022 in comparison to the previous year? (correct up to two decimal places)

Difficulty : Moderate

Average Time : 70 Seconds

Options :

1. 6.95%
2. 5.95%
3. 6.13%
4. 6.33%

Solution :

The correct answer is **Option 4** i.e. **6.33%**.

Given that

The production of D-type cars in the year 2021 = 1975

The production of D-type cars in the year 2022 = 2100

Hence, the required percentage increment = $[(2100 - 1975)/1975] \times 100 = 6.33\%$

Question 73 :

In a circle of radius 14 cm. an arc subtends an angle of 90° at the centre. The length of the arc (in cm) is equal to:

Take $\pi = \frac{22}{7}$

Difficulty : Moderate

Average Time : 43 Seconds

Options :



22

2. 18

3. 20

4. 24

Solution :

The correct answer is **Option 1** i.e. **22**.

Given that

A circle of radius (r) = 14 cm

An arc subtends an angle of $(\theta) = 90^\circ$ at the centre

Formula used

Arc length (l) = $r \times \theta / 180$

Calculation

$l = 14 \times 90 \times (22/7) / 180 = 22$ cm

Question 74 :

Amisha announced a festival discount of 30 % on all items in her gift shop. Gurmeet bought a gift for himself. He got a discount of ₹ 1,110. What was the marked price of the gift?

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

1. ₹ 3,650

2. ₹ 3,750

3. ₹ 3,850

4. ₹ 3,700

Solution :

The correct answer is **Option 4** i.e. **₹ 3,700**.

Given that

The discount given on an item = ₹ 1,110



The discount percent given on the marked price = 30%

Formula used

Discount % = (Discount/Marked price) \times 100

Calculation

$30 = (1110/\text{Marked price}) \times 100$

Marked price = $1110/0.3 = \text{â,}13700$

Question 75 :

S sells an item costing $\text{â,}137,800$ to P with 8% profit. P sells it to Q with a 4% loss. At what price (in $\text{â,}1$) does P sell the item? (Correct to a nearest rupee)

Difficulty : Moderate

Average Time : 48 Seconds

Options :

1. 39,919
2. 39,119
3. 39,191
4. 39,911

Solution :

The correct answer is **Option 3** i.e. **39,191**.

Given that

S sells an item costing $\text{â,}137,800$ to P with 8% profit

P sells it to Q with a 4% loss.

According to the question

S sells the item to P for = $37800 \times (108/100) = \text{â,}140824$

P purchased the item for $\text{â,}140824$.

Hence, P sells the item to Q costing = $40824 \times (96/100) = \text{â,}139,191.04$

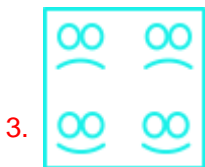
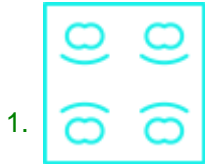
Question 76 :

A paper is folded and cut as shown below. How will it appear when unfolded?

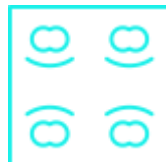
Difficulty : Moderate

Average Time : 47 Seconds

Options :

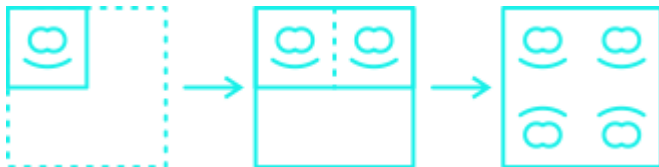


Solution :



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

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.

Hence, the correct answer is **option 1**.

Question 77 :



MASTER is related to OAIHWJ in a certain way based on the English alphabetical order. In the same way, ROSE is related to JMIW. To which of the following is PLEASE related. following the same logic?

Difficulty : Moderate

Average Time : 82 Seconds

Options :

1. LPWZIM
2. LPWAJW
3. LQWAIW
4. LPWAIW

Solution :

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

Logic used is : Reverse of the letter + 1

MASTER is related to OAIHWJ

M N + 1 = O

A Z + 1 = A

S H + 1 = I

T G + 1 = H

E V + 1 = W

R I + 1 = J

ROSE is related to JMIW

R I + 1 = J

O L + 1 = M

S H + 1 = I

E V + 1 = W

Similarly,

PLEASE related to ;

P K + 1 = L

L O + 1 = P

E V + 1 = W

A Z + 1 = A

S H + 1 = I

E V + 1 = W

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

Question 78 :

How many triangles are there in the given figure?

Difficulty : Moderate

Average Time : 73 Seconds

Options :

1. 8

2. 6

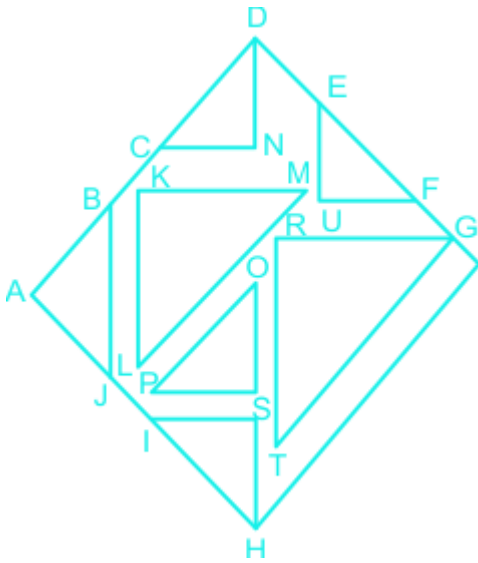
3. 7

4. 5

Solution :

The correct answer is **option 3. i.e. 7.**

We can count the triangles in the given figure by naming all the points and counting all triangles one by one initially the smaller one then combining two or more small triangles.



No. of triangles = ABJ , CDN , POQ , ISH , KLM , RTG and EUF .

Hence, the correct answer is 7.

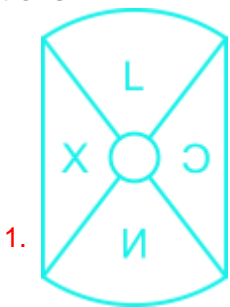
Question 79 :

Select the correct mirror image of the given figure when the mirror is placed at MN as shown.

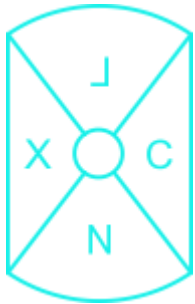
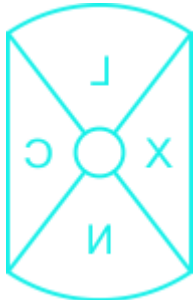
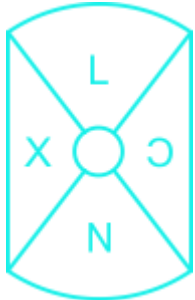
Difficulty : Moderate

Average Time : 53 Seconds

Options :



2.

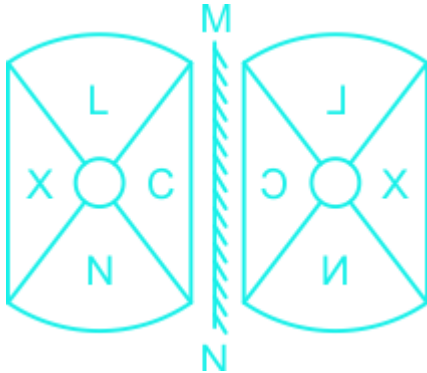


Solution :



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

The mirror image of the question figure is shown below:



Since the mirror is placed on the right side of the question figure, the right side of the original image will now be the left side of the mirror image and vice versa.

Hence, **option 3** is the correct answer.

Question 80 :

In a certain code language, 'MOST' is coded as '3472' and 'STOW' is coded as '2634'. What is the code for 'M' in the given code language?

Difficulty : Moderate

Average Time : 82 Seconds

Options :

- 1. 3
- 2. 4
- 3. 2
- 4. 7

Solution :

The correct answer is **option 4. i.e. 7.**

Given :

'MOST' is coded as '3472'

'STOW' is coded as '2634'

O , S and T are common letters so the probable code for these are 2 , 3 and 4. Thus , the code of 'M' will be 7.

Hence, **7** is the correct answer.

Question 81 :

Four number- pairs have been given. out of which three are alike in some manner and one is different. Select the one that



is different. (NOTE: Operations should be performed on the whole numbers without breaking down the numbers into its constituent digits. E.g. 13 such as adding/ subtracting/ multiplying etc. to 13 can be performed breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.) 17 : 82 31 : 158 19 : 92 47 : 232

Difficulty : Moderate

Average Time : 59 Seconds

Options :

1. 31 : 158
2. 47 : 232
3. 17 : 82
4. 19 : 92

Solution :

The correct answer is **option 1. i.e. 31 : 158.**

Logic used here is : (First Number x 5) - 3

Option 1: 31 : 158

$$31 \times 5 + 3 = 158$$

As it does follow the same logic so it is the odd one out .

Hence, **31 : 158** is the correct answer.

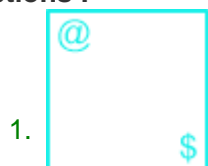
Question 82 :

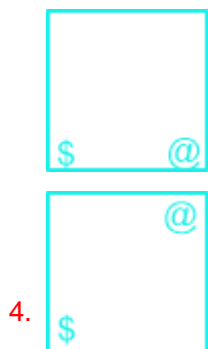
Identify the figure given in the options which one put in place of the question mark(?) will logically complete the series.

Difficulty : Moderate

Average Time : 44 Seconds

Options :





Solution :



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

The symbols @ and \$ rotates in clockwise direction as the series progresses. Thus , Option 1 follows the similar pattern and completes the series.



Hence, **option 1** is the correct answer.

Question 83 :

It was Friday on 8 March 1996, then what will be the day of the week on 7 April 2006?

Difficulty : Moderate

Average Time : 77 Seconds

Options :

1. Saturday
2. Wednesday
3. Thursday
4. Friday

Solution :



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

Given : 8 March 1996 was Friday.

1996 to 2006 = 10 years

In 10 years there will be 2 leap years and 8 ordinary years (1996 was taken from March so it will be treated as ordinary year)

2 Leap years = 4 odd days and 8 ordinary years = 8 odd days

Total odd days = 4 + 8 = 12 odd days = $12 / 7 = 1$ week and 5 odd days

So , 8 the March 2006 will be Friday + 5 = Wednesday

Now, the number of days between 8 March 2006 to 7 April 2006

= 23 (March) + 7 (April) = 30 days

= $30 / 7 = 4$ weeks and 2 odd days

So , 7th April 2006 will be : Wednesday + 2 = **Friday**

Hence , **option 4** is the correct answer.

Question 84 :

Which number can replace the question mark (?) in the following series? 4, 7, 13, 22, ?, 49, 67

Difficulty : Moderate

Average Time : 63 Seconds

Options :

1. 33

2. 30

3. 34

4. 35

Solution :

The correct answer is **option 3. i.e. 34.**

Given Series : 4, 7, 13, 22, ?, 49, 67

Logic used here is : Multiple of 3 is added as the series continues

$$4 + 3 = 7$$

$$7 + 6 = 13$$

$$13 + 9 = 22$$

$$22 + 12 = 34$$

Hence, **34** is the correct answer.

Question 85 :

Find out the correct alternative that when filled in the blanks in the same sequence will make the series logically complete.

J _ S X _ W U T N S _ P _ O Y L R K A _

Difficulty : Moderate

Average Time : 44 Seconds

Options :

1. AKVML
2. ALWPH
3. ALWLK
4. AKUOG

Solution :

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

Given sequence : J _ S X _ W U T N S _ P _ O Y L R K A _

Logic : First letter + 2 , Second letter - 4 , Third letter + 2 , Fourth letter - 4

Option 2 : A L W P H

J A S X / L W U T / N S W P / P O Y L / R K A H

Forms a particular so completes the sequence .

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

Question 86 :

Read the given statements and conclusions carefully. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which conclusions logically follows from the given statement. Statements: Some aprons are chopsticks. Some chopsticks are forks. All forks are knives. Conclusion: (I) Some chopsticks are aprons.. (II) No forks are knives.

Difficulty : Moderate

Average Time : 73 Seconds

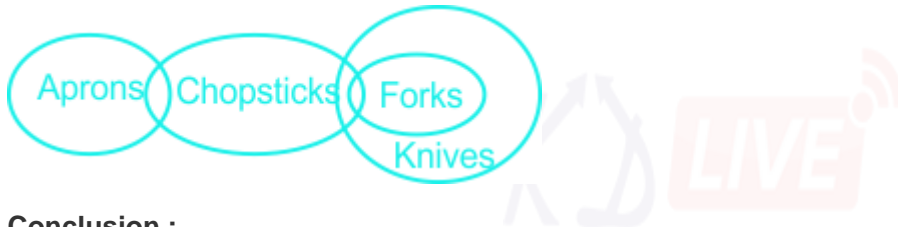
Options :

1. Both conclusions (I) and (II) follow.
2. Neither conclusion (I) nor (II) follows.
3. Only conclusion (I) follows.
4. Only conclusion (II) follows.

Solution :

The correct answer is **option 3. i.e. Only conclusion (I) follows.**

The least possible diagram will be :



Conclusion :

(I) Some chopsticks are aprons. **True** (As some aprons are chopsticks so some chopsticks are aprons.)

(II) No forks are knives. **False** (It is possible but not definite)

Hence, **Only conclusion (I) follows** is the correct answer.

Question 87 :

Select the number from among the given options that can replace the question mark (?) in the following series. 111, 113, 118, 120, 125, 127. ?

Difficulty : Moderate

Average Time : 61 Seconds

Options :

1. 136
2. 132
3. 130
4. 134

**Solution :**

The correct answer is **option 2. i.e. 132.**

Given series : 111, 113, 118, 120, 125, 127. ?

Logic Used : Add 2 and 5 alternatively

$$111 + 2 = 113$$

$$113 + 5 = 118$$

$$118 + 2 = 120$$

$$120 + 5 = 125$$

$$125 + 2 = 127$$

$$127 + 5 = 132$$

Hence , **132** is the correct answer.

Question 88 :

In a certain code language, 'ARCHED' is coded as '526749' and 'CHASED' is coded as '432576'. What is the code for 'R' in the given code language?

Difficulty : Moderate

Average Time : 43 Seconds

Options :

1. 9

2. 7

3. 3

4. 5

Solution :

The correct answer is **option 1. i.e. 9.**

Given : 'ARCHED' is coded as '526749'

'CHASED' is coded as '432576'

A , D , E , C and H are the common letters between the word so the probable codes for these would be 5 , 2 , 6 , 7 and 4 . Thus , the code for R will be 9.

Hence , **9** is the correct answer.

Question 89 :

Three of the following four are alike in a certain way and thus form a group. Which is the one that does NOT belong to that group? (NOTE: Operations should be performed on the whole numbers. without breaking down the numbers into its constituent digits. E.g. 13 — Operations on 13 such as adding subtracting ;multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

Difficulty : Moderate

Average Time : 63 Seconds

Options :

1. 16 - 276
2. 21 - 441
3. 23 - 529
4. 19 - 361

Solution :

The correct answer is **option 1. i.e. 16 - 276.**

Logic followed : (First Number)² = Second Number

Option 1 : 16 - 276

$$(16)^2 = 256$$

So , it is the odd one out as it does not follow the same logic.

Hence, **16 - 276** is the correct answer.

Question 90 :

109 - 55 × 605 ÷ 77 + 93 = ?

Difficulty : Moderate

Average Time : 43 Seconds

Options :

1. 82
2. 23
3. 42
4. 53

**Solution :**

The correct answer is **option 2** i.e. **23**.

According to the given information:

'+' and '-' are interchanged and 'x' and '÷' are interchanged;

$$109 - 55 \times 605 \div 77 + 93 = ?$$

$$109 + 55 \div 605 \times 77 - 93$$

$$109 + 7 - 93$$

23

Hence, the correct answer is **23**.

Question 91 :

Select the combination of letters that when sequentially placed in the blanks of the given series will make the series logically complete. Z _ T S V Z V _ R _ X A N P _ E

Difficulty : Moderate

Average Time : 48 Seconds

Options :

1. RWHA
2. HZPX
3. RWHZ
4. UROH

Solution :

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

Given sequence : Z _ T S V Z V _ R _ X A N P _ E

Logic : First letter - 4 , Second letter + 8 , Third letter + 2 , Fourth letter + 4

Option 3 : R W H Z

Z R T S / V Z V W / R H X A / N P Z E

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

Question 92 :

30 is related to 41 following a certain logic. Following the same logic, 56 is related to 67. To which of the following is 12 related following the same logic?

Difficulty : Moderate

Average Time : 56 Seconds

Options :

1. 18

2. 25

3. 23

4. 22

Solution :

The correct answer is **option 3. i.e. 23.**

Given : 30 is related to 41

56 is related to 67

Logic : First Number + 11 = Second Number

Thus , $12 + 11 = 23$.

Hence, **23** is the correct answer.

Question 93 :

Select the combination of letters that when sequentially placed in the blanks of the given series will make the series logically complete. _XYZU_UUSR_PQOM_

Difficulty : Moderate

Average Time : 46 Seconds

Options :

1. UVSY

2. WABC

3. WOVK

4. WUQK

Solution :

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



Given:

_XYZU_UUSR_PQOM_

Option 1: UVSY

UXYZ **U**VUU **S**R**S**P QOM**Y**

There is no pattern here.

Option 2: WABC

WXYZ **U**AUU **S**R**B**P QOM**C**

There is no pattern here.

Option 3: WOVK

WXYZ **U**OUU **S**R**V**P QOM**K**

There is no pattern here.

Option 4: WUQK

WXYZ UUUU SRQP QOMK

Here specific pattern is making.

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

Question 94 :

V is the mother of P, P is the brother of K. N, the brother of K, has only one child T. K is the only granddaughter of H. How is K related to T?

Difficulty : Moderate

Average Time : 79 Seconds

Options :

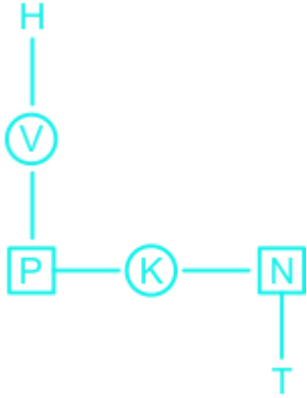
1. Father's mother
2. Mother
3. Sister
4. Father's sister

Solution :

The correct answer is **option 4. i.e. Father's sister**.

Given : V is the mother of P, P is the brother of K, N, the brother of K, has only one child T. K is the only granddaughter of H.

The Family tree is as follows :



Thus , K is the sister of T's Father.

Hence, **father's sister** is the correct answer.

Question 95 :

What will come in the place of '?' in the following equation, if '+' and '-' are interchanged 'x' and '÷' are interchanged? $29 \div 2 - 14 + 16 \times 4 = ?$

Difficulty : Moderate

Average Time : 59 Seconds

Options :

1. 28
2. 48
3. 68
4. 88

Solution :

The correct answer is **option 3. i.e. 68.**

Given Equation : $29 \div 2 - 14 + 16 \times 4 = ?$

After '+' and '-' are interchanged 'x' and '÷' are interchanged the equation becomes :

$$29 \times 2 + 14 - 16 \div 4 = ?$$



$$29 \times 2 + 14 - 4$$

$$58 + 14 - 4$$

$$72 - 4$$

$$68$$

Hence, **68** is the correct answer.

Question 96 :

Four terms have been given, out of which are three are alike in some manner and one is different. Select the one that is different.

Difficulty : Moderate

Average Time : 48 Seconds

Options :

1. LPM
2. UQT
3. EIF
4. PTQ

Solution :

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

Logic used here is : First letter + 1 = Third letter , Third letter - 3 = Second letter

Option 2 : UQT

$$U - 1 = T, T - 3 = Q$$

Therefore, is odd one out as it does not follow the logic.

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

Question 97 :

Select the triad from the below options that has the same analogy as the following triads. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 — Operations on 13 such as adding i subtracting :Multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed) 3 : 26 : 8 7 : 342 : 20

Difficulty : Moderate

Average Time : 59 Seconds

Options :



2 : 9 : 5

2. 5 : 123 : 14

3. 6 : 216 : 127

4. 4 : 63 : 11

Solution :

The correct answer is **option 4. i.e. 4 : 63 : 11.**

Logic : (First Number)³ - 1 = Second Number , (First Number x 3) - 1 = Third Number

3 : 26 : 8

$$(3)^3 - 1 = 26$$

$$(3 \times 3) - 1 = 8$$

7 : 342 : 20

$$(7)^3 - 1 = 342$$

$$(7 \times 3) - 1 = 20$$

Similarly ,

4 : 63 : 11

$$(4)^3 - 1 = 63$$

$$(4 \times 3) - 1 = 11$$

Hence , **4 : 63 : 11** is the correct answer.

Question 98 :

In a certain code language. U @ H means 'U is the son of H'; U % H Means 'U is the daughter of H'; U & H means 'U is the mother of H'; U # H means 'U is the father of H'. If N % M # R @ L & K, then how is N related to K?

Difficulty : Moderate

Average Time : 62 Seconds

Options :

1. Brother
2. Daughter
3. Son

Sister

Solution :

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

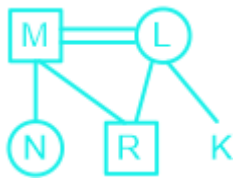
U @ H means 'U is the son of H';

U % H Means 'U is the daughter of H';

U & H means 'U is the mother of H';

U # H means 'U is the father of H'.

If N % M # R @ L & K N is the daughter of M, M is the father of R, R is the son of L and L is the mother of K.



Thus, N will be the sister of K.

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

Question 99 :

HJLI is related to OQSP in a certain way based on the English alphabetical order. In the same way, BDFC is related to IKMJ .To which of the following is NPRO related to, following the same logic?

Difficulty : Moderate

Average Time : 71 Seconds

Options :

1. UWYV
2. VWZX
3. UXYV
4. TVYU

Solution :

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

Logic : Every letter + 7

HJLI is related to OQSP



$$H + 7 = O$$

$$J + 7 = Q$$

$$L + 7 = S$$

$$I + 7 = P$$

BDFC is related to IKMJ

$$B + 7 = I$$

$$D + 7 = K$$

$$F + 7 = M$$

$$C + 7 = J$$

Similarly,

NPRO related to

$$N + 7 = U$$

$$P + 7 = W$$

$$R + 7 = Y$$

$$O + 7 = V$$

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

Question 100 :

'MPSV' is related to 'ORUX' in a certain way based on the English alphabetical order. In the same way, 'CFIL' is related to 'EHKN'. To which of the following is 'ORUX' related, following the same logic?

Difficulty : Moderate

Average Time : 60 Seconds

Options :

1. QTXZ
2. QUWZ
3. QTUZ
4. QTWZ

Solution :



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

Logic : Every letter + 2

'MPSV' is related to 'ORUX'

$$M + 2 = O$$

$$P + 2 = R$$

$$S + 2 = U$$

$$V + 2 = X$$

'CFIL' is related to 'EHKN'

$$C + 2 = E$$

$$F + 2 = H$$

$$I + 2 = K$$

$$L + 2 = N$$

Similarly,

'ORUX' related to

$$O + 2 = Q$$

$$R + 2 = T$$

$$U + 2 = W$$

$$X + 2 = Z$$

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

Ssc Chsl Tier I Previous Year Question Paper Analysis

The analysis of Ssc Chsl Tier I Previous Year Question Paper held on 2023-10-27 in the Morning Shift exam is as follows:

1. 100 questions were moderate.
2. The safe score is 141 marks.
3. , 25 questions were asked from English Language, 25 questions were asked from General Awareness, 25 questions were asked from Quantitative Aptitude and 25 questions were asked from Logical Reasoning



16 questions should have been skipped if you were short of time.

Ssc Chsl Tier I Previous Year Question Paper Topic Wise Weightage

English Language

1. Cloze Test - 5
2. Spotting Error - 1
3. Sentence Jumbles - 2
4. Idioms - 1
5. One Word Substitution - 3
6. Spellings - 2
7. Voice - 2
8. Sentence Improvement - 3
9. Synonym - 3
10. Antonym - 3

General Awareness

1. GK Misc - 25

Quantitative Aptitude

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

Logical Reasoning

1. Blood Relation - 1
2. Series - 2
3. Mathematical Reasoning - 1

Ssc Chsl Tier I Previous Year Question Paper Tips and Tricks



1. Try to solve Ssc Chsl Tier I Previous Year Question Paper without taking any help from the solutions.
2. Ssc Chsl 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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Neetu Mam is primarily passionate for the English language and teaching from the last 20 years however for the Ssc Chsl Tier I Previous Year Question Paper. She has guided her team to provide the best explanation for the question.



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