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Notations :

1.Options shown in green color and with ✔ icon are correct.

2.Options shown in red color and with ✖ icon are incorrect.

Question Paper Name :	DBE Entrance Test 17th Aug 2024
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DBE Entrance Test 2024

Group Number :	1
Group Id :	7183985
Group Maximum Duration :	0
Group Minimum Duration :	90
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	60

Verbal Ability Reading Comprehension

Section Id :	71839817
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	17
Number of Questions to be attempted :	17
Section Marks :	20
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	71839825
Question Shuffling Allowed :	Yes

Question Id : 718398502 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No Question Pattern Type : NonMatrix

Question Numbers : (1 to 4)

Question Key Details :

Key	Value
Topic	Reading Comprehension
SME Difficulty Level	Medium
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 2
Creator SME	SET 2
IIMB Difficulty	Medium

Read the comprehension and answer the questions.

Employers expect managers and leaders to consider the various viewpoints to make thoughtful and tough decisions. Good decision-makers do not get influenced by their emotions or personal loyalty when deciding about the company's betterment. This helps make unbiased decisions and even minimizes the chances of the same problem recurring again. Many companies often choose managers with wrong skills who end up making disastrous decisions. The key components of problem solving skills are analytical and critical thinking, creativity and decision making. Analytical

thinkers identify patterns, relationships, and root causes, making it easier to devise effective solutions. Critical thinkers make sure that solutions are not just quick fixes but are grounded in logic and evidence. Problem-solving skills are essential for navigating the complexities of modern life and work. By developing these skills, individuals can become more effective, adaptable, and successful in achieving their goals. Whether in personal situations or professional environments, the ability to solve problems efficiently and creatively is a valuable asset that can lead to improved outcomes and greater satisfaction.

Hints :

INDEED -CAREER DEVELOPMENT- EDITORIAL TEAM

Sub questions

Question Number : 1 Question Id : 718398503 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Reading Comprehension
SME Difficulty Level	Medium
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 2
Creator SME	SET 2
IIMB Difficulty	Medium

Choose an appropriate title for the passage

Options :

1. ✖ Top Managerial Skills for decision making

2. ✖ HR Skills for decision making

3. ✔ Problem Solving Skills for Decision making

4. ✖ Creative Skills for decision making

Hints :

The paragraph is about the importance of problem solving skills. Hence option 3 is more suitable

Question Number : 2 Question Id : 718398504 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Reading Comprehension
SME Difficulty Level	Medium
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 2
Creator SME	SET 2
IIMB Difficulty	Medium

What is the central theme of this passage?

Options :

1. ✖ Skills required for decision making while encountering HR solutions

2. ✔ Most important skill required for managers for decision making, when encountering problems.

3. ✖ Decision making skills while encountering emotional situations.

4. ✖ Decision making skills while dealing with complaints

Hints :

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Yes . option 2 indicates the most important skill for decision making.

Question Number : 3 Question Id : 718398505 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Reading Comprehension
SME Difficulty Level	Medium
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 2
Creator SME	SET 2
IIMB Difficulty	Medium

What is the inference drawn from this passage?

Options :

1. ✖ The manager should act without emotion and bias.

2. ✔ Problem solving skills helps managers to act without bias while tackling problems.

3. ✖ Managerial skills are required to solve problems.

4. ✖ No special skill is required to solve problems in the office.

Hints :

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Question Number : 4 Question Id : 718398506 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Reading Comprehension
SME Difficulty Level	Medium
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 2
Creator SME	SET 2
IIMB Difficulty	Medium

What is the tone of the passage

Options :

1. ✖ Humorous

2. ✖ Sarcastic

3. ✔ Formal

4. ✖ Arrogant

Hints :

INDEED -CAREER DEVELOPMENT- EDITORIAL TEAM

Sub-Section Number :   2

Sub-Section Id :   71839826

Question Shuffling Allowed :   Yes

Question Number : 5 Question Id : 718398489 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Vocabulary
SubTopic	Words and Phrases often confused
SME Difficulty Level	Easy
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 6
Creator SME	SET 6
IIMB Difficulty	Easy

Select the appropriate option that refers to the given sentence.

An indirect reference to someone or something

Options :

1. ✖ Illusion

2. ✔ Allusion

3. ✖ Allegory

4. ✖ Elusion

Hints :

https://www.collinsdictionary.com/dictionary/english/allusion

Question Number : 6 Question Id : 718398490 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Vocabulary
SubTopic	Antonyms
SME Difficulty Level	Easy
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2

Reviewer SME	SET 6
Creator SME	SET 6
IIMB Difficulty	Easy

Select the correct option that matches with its antonym.

Words	Antonym
A-Generous	1-Pessimistic
B-Optimistic	2-Reveal
C-Conceal	3-Stingy
D-Bitter	4-Sweet

Options :

1. ✖ A-1, B-2, C-3, D-4
2. ✖ A-2, B-1, C-3, D-4
3. ✖ A-3, B-2, C-1, D-4
4. ✔ A-2, B-3, C-1, D-4

Hints :

https://www.merriam-webster.com/thesaurus/generous

https://www.merriam-webster.com/thesaurus/optimistic

https://www.merriam-webster.com/thesaurus/reveal

https://www.merriam-webster.com/thesaurus/bitter

Question Number : 7 Question Id : 718398491 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Vocabulary
SubTopic	Synonyms
SME Difficulty Level	Medium
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2

Reviewer SME	SET 6
Creator SME	SET 6
IIMB Difficulty	Medium

Select the **CORRECT** synonym for bold word in the below sentence.

Despite the professor's **erudition**, the lecture was easy, accessible and engaging for all students.

Options :

1. ✖ Rendition

2. ✔ Scholarship

3. ✖ Ignorance

4. ✖ Acquisition

Hints :

https://www.collinsdictionary.com/dictionary/english/erudition

Question Number : 8 Question Id : 718398492 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Vocabulary
SubTopic	Analogies
SME Difficulty Level	Easy
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 6
Creator SME	SET 6
IIMB Difficulty	Easy

Which of the following analogies best represents the relationship between "Ocean" and "Water"?

Options :

1. ✖ Mountain : Valley

2. ✔ Forest : Trees

3. ✖ Sky : Cloud

4. ✖ River : Stream

Hints :

Answer Key Change by IIMB

The relationship between "Ocean" and "Water" is similar to the relationship between "River" and "Stream" in option d).

Just as an ocean is a large body of water, a river is a significant body of water as well. Similarly, a stream is a smaller body of water, akin to how the word "ocean" contrasts with "river" in terms of size.

In option a) "Mountain : Valley", the relationship doesn't fit the analogy because a valley is a geographical feature formed between mountains, which contrasts with the relationship between "Ocean" and "Water".

Option b) "Forest : Tree" represents a part-whole relationship, where a forest contains many trees, unlike the relationship between "Ocean" and "Water".

Option c) "Sky : Cloud" doesn't fit because while clouds are part of the sky, they are not the primary substance that makes up the sky, as water is the primary substance in an ocean.

Therefore, option d) "River : Stream" is the best analogy as it represents a similar relationship of larger body to smaller body, just as ocean relates to water.

Question Number : 9 Question Id : 718398493 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 1 Wrong Marks : 0
Question Key Details :

Key	Value
Topic	Prose
SubTopic	Para Jumbles
SME Difficulty Level	Difficult
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 6
Creator SME	SET 6
IIMB Difficulty	Difficult

The given sentences, when properly sequenced, form a coherent paragraph. Each sentence is labeled with a letter. Choose the most logical order of the sentences from among the given choices to construct a coherent paragraph.

A. The team worked tirelessly through the night, fueled by coffee and determination.
B. Finally, as the first light of dawn crept over the horizon, they completed the project.

C. Despite the setbacks they faced, they never lost sight of their goal.
D. It was a moment of triumph, marking the culmination of weeks of hard work.

Options :

1. ✖ ABDC

2. ✖ ABCD

3. ✖ DCAB

4. ✔ ACBD

Hints :

First, we need to establish the sentence that introduces the situation or context. Sentence A does this well, setting the scene of the team working through the night.
Next, we should describe any challenges or conditions they faced. Sentence C fits here as it mentions setbacks and maintaining focus on their goal, which is typical after the initial setup.
Then, we follow with the completion of the project. Sentence B is appropriate here because it signifies the conclusion of their work.
Finally, we describe the result or impact of their efforts. Sentence D follows logically, expressing the triumph and culmination of their efforts.
Thus, the correct sequence is:
A. The team worked tirelessly through the night, fueled by coffee and determination. C. Despite the setbacks they faced, they never lost sight of their goal. B. Finally, as the first light of dawn crept over the horizon, they completed the project. D. It was a moment of triumph, marking the culmination of weeks of hard work.
Therefore, the correct answer is A-C-B-D. https://www.merriam-webster.com/dictionary/finally

Question Number : 10 Question Id : 718398494 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Prose
SubTopic	Missing sentence
SME Difficulty Level	Easy
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 6
Creator SME	SET 6
IIMB Difficulty	Medium

Read the following paragraph and select the option that correctly fills in the missing sentence:

The ancient city of Pompeii, located near Naples in Italy, was destroyed and buried under volcanic ash and pumice in the eruption of Mount Vesuvius in AD 79. Pompeii remained buried for nearly 1,700 years before its rediscovery in 1748. When excavations began, archaeologists found the city remarkably well-preserved, offering a unique glimpse into life in ancient Rome. The streets were lined with homes, shops, and public buildings, many adorned with colorful frescoes and mosaics. _____.

Options :

1. ✖ The eruption led thousands of people fight against each other.

2. ✖ The city had a population of about 11,000 inhabitants.

3. ✖ Pompeii was a thriving commercial center in the Roman Empire.

4. ✔ It appears that the city's inhabitants had no warning of the impending disaster.

Hints :

The missing sentence should provide information about the unawareness of Pompeii's citizens regarding the impending catastrophe. Option d) correctly fills in this missing piece, providing context about the lack of warning before the eruption of Mount Vesuvius. This statement logically follows the description of the city's rediscovery and the well-preserved state of Pompeii.

Question Number : 11 Question Id : 718398495 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Grammar
SubTopic	Parts of speech
SME Difficulty Level	Difficult
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 6
Creator SME	SET 6
IIMB Difficulty	Difficult

Select the **CORRECT** option to complete the sentence.

By the time he _____ at the station, the train had already left, and he _____ for the next one since then.

Options :

1. ✔ arrived, had been waiting

2. ✖ arrives, had been waiting

3. ✖ has arrived, had been waiting

4. ✖ arrived, has been waiting

Hints :

https://learnenglish.britishcouncil.org/grammar/b1-b2-grammar/past-perfect

Question Number : 12 Question Id : 718398496 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 1 Wrong Marks : 0
Question Key Details :

Key	Value
Topic	Grammar
SubTopic	Tenses and Aspects
SME Difficulty Level	Easy
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 3
Creator SME	SET 3
IIMB Difficulty	Easy

Select the **CORRECT** option to replace the bold words in below sentence.

It's no secret that artificial intelligent (AI), specifically generative AI, **has improved** all the time.

Options :

1. ✖ will improving

2. ✖ will have improved

3. ✔ is improving

4. ✖ had improved

Hints :

Explanation: The sentence talks about a general trend or ongoing process (aspect)– the improvement of AI. We need a verb tense that reflects a continuous or ongoing action; therefore, 'is improving' is the correct choice.

Question Number : 13 Question Id : 718398507 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Vocabulary
SubTopic	Odd one out
SME Difficulty Level	Difficult
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 2
Creator SME	SET 2
IIMB Difficulty	Medium

Select odd sentence out.

The seed for independence was sown around 1857, and we got our freedom only around 90 years later, i.e. 1947. The freedom we enjoy today is a struggle endured by those who envisioned a free country. Shri Rajendra Prasad became our first president. Celebrating our freedom fighters and honoring them is essential.

Options :

1. ✖ The seed for independence was sown around 1857,

2. ✖ a struggle endured by those who envisioned a free country

3. ✔ Shri Rajendra Prasad became our first President

4. ✖ Celebrating our freedom fighters and honoring them is essential

Hints :

While all other sentences are about achieving freedom, our first president is the odd one out. Hence Option 3

Question Number : 14 Question Id : 718398508 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 1 Wrong Marks : 0
Question Key Details :

Key	Value
Topic	Vocabulary
SubTopic	Idioms and phrases
SME Difficulty Level	Easy
Review Status	IIM Approved
Item Year	2024

Shift	Shift 2
Reviewer SME	SET 2
Creator SME	SET 2
IIMB Difficulty	Easy

Replace "like finding a needle in a haystack" in the below sentence with the **CORRECT** option.

Finding your lost friend during Haj in Mecca will be like finding a needle in a haystack.

Options :

1. ✖ Not a difficult task

2. ✔ Extremely difficult

3. ✖ Require some search

4. ✖ Needle in a haystack is easy to find.

Hints :

Finding a needle in a haystack is extremely difficult. Hence Option 2

Question Number : 15 Question Id : 718398509 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Indirect Writing
SubTopic	Word Usage and Understanding
SME Difficulty Level	Medium
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 2
Creator SME	SET 2
IIMB Difficulty	Medium

Fill in the blanks with suitable words from the options given below.

The effects of artificial intelligence (AI) are profound and multifaceted, transforming various aspects of _____ and industry. AI enhances efficiency and productivity by automating routine tasks and enabling advanced data analysis, leading to _____ solutions and insights in fields such as healthcare, finance, and transportation.

Options :

1. ✖ practice, useless
2. ✔ society, innovative
3. ✖ academica, improbable
4. ✖ society, hurtful

Hints :

Option 2 is correct.

AI is transforming various aspects both in society and industry. By automating routine tasks, allows for innovative solutions using advanced data analysis. So Society….Innovative are the keys.

Question Number : 16 Question Id : 718398510 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Indirect Writing
SubTopic	Prose
SME Difficulty Level	Difficult
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 2
Creator SME	SET 2
IIMB Difficulty	Difficult

Arrange the sentences in order to make complete paragraph.

1. Despite its potential, VR faces challenges such as high costs, technological limitations, and the need for improved user comfort and accessibility.
2. Virtual reality (VR) creates immersive, interactive environments that simulate real or imagined worlds, enhancing experiences in gaming, education, and training.
3. It is being used in various industries, including healthcare for surgical training, real estate for virtual property tours, and tourism for virtual travel experiences.
4. By providing a sense of presence, VR allows users to explore and interact with 3D spaces in ways that traditional media cannot.

Options :

1. ✖ 2314

2. ✖ 3241

3. ✖ 4213

4. ✔ 2431

Hints :

It is indeed 2,4,3,1.

Option 4.

The passage is about Virtual reality, what it creates and where it is used.
So the sentence 2 is the starting point. What VR does is explained in sentence 4 followed by where it is used extensively, sentence 3.

Question Number : 17 Question Id : 718398511 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 1 Wrong Marks : 0
Question Key Details :

Key	Value
Topic	Grammar
SubTopic	preposition
SME Difficulty Level	Difficult
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 2
Creator SME	SET 2
IIMB Difficulty	Easy

Select the **CORRECT** preposition.

In a fit of rage, Angel threw the letter _____ the fire.

Options :

1. ✖ at

2. ✖ of

3. ✔ into

4. ✖ on

Hints :

The preposition is "into". Option 3

Question Number : 18 Question Id : 718398512 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Grammar
SubTopic	Tenses and Aspects
SME Difficulty Level	Medium
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 2
Creator SME	SET 2
IIMB Difficulty	Medium

Identify the sentence with the proper conjunction.

Alka is not only a great singer, but also a talented dancer.

Options :

1. ✖ Alka is not only a great singer, but also a talented dancer.

2. ✖ Alka is, not only a great singer but also a talented dancer.

3. ✖ Alka is not only a great singer but, also a talented dancer.

4. ✔ Alka is not only a great singer but also a talented dancer.

Hints :

In conjunction like not only-but also , no commas are allowed. Hence option 4

Question Number : 19 Question Id : 718398527 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Vocabulary
SubTopic	Idioms and phrases

SME Difficulty Level	Difficult
Review Status	IIM Approved
Item Year	2024
Item Reference	BUDDHA
Shift	Shift 2
Reviewer SME	M39
Creator SME	TCS SME - 57
IIMB Difficulty	Difficult

Four phrases are highlighted in the text below. Select the **CORRECT** option that shows the most appropriate one-word substitutes.

Leadership plays a pivotal role in organizational success. Effective leaders possess **(a) magnetic qualities**, which enables them to inspire and motivate their teams. They also exhibit **(b) willingness to change in different conditions**. Moreover, leaders with astute decision-making skills can make sound judgments based on critical analysis and **(c) quick judgement without reasoning**. Furthermore, communication skills are crucial for leaders to articulate their **(d) specific view of the future**, delegate tasks, and foster collaboration among team members.

Options :

1. ✖ (a) vision (b) adaptability (c) intuition (d) charisma

2. ✔ (a) charisma (b) adaptability (c) intuition (d) vision

3. ✖ (a) vision (b) intuition (c) adaptability (d) charisma

4. ✖ (a) charisma (b) intuition (c) adaptability (d) vision

Question Number : 20 Question Id : 718398539 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Vocabulary
SubTopic	Words and Phrases often confused
SME Difficulty Level	Medium
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 5
Creator SME	SET 5
IIMB Difficulty	Medium

Select the most appropriate option to fill in the blank

Her collection of paintings is very _____.

Options :

1. ✖ artful

2. ✖ artificial

3. ✖ artisan

4. ✔ artistic

Hints :

J.P.Tandon, A New Approach to English Grammar & Usage
Ratan Prakashan Mandir, 1964, P.285https://www.merriam-webster.com/dictionary/artistic

https://www.merriam-webster.com/dictionary/artistic

Quantitative Ability and Data Interpretation

Section Id :	71839818
Section Number :	2
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	17
Number of Questions to be attempted :	17
Section Marks :	20
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	71839827
Question Shuffling Allowed :	Yes

Question Id : 718398528 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No Question Pattern Type : NonMatrix

Question Numbers : (21 to 24)

Question Key Details :

Key	Value
Topic	Data Interpretation
SubTopic	Chart/Graph/Table
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 2
Creator SME	SET 2
IIMB Difficulty	Medium

Read the data below and answer the questions that follow.

During the recent National Games athletes from different states of the country participated in the different sporting events. In the table below data regarding the number of participants from five of the states are given as per the type of events they competed in.

Study the table and answer the questions

Events / States	Track Events	Field Events	Swimming Events	Racket Sports	Boxing and Wrestling
Punjab	420	312	540	168	360
Haryana	288	384	480	216	384
Bihar	552	360	432	192	456
Kerala	528	576	504	144	408
Manipur	336	432	408	240	396

Sub questions

Question Number : 21 Question Id : 718398529 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Data Interpretation
SubTopic	Chart/Graph/Table
SME Difficulty Level	Medium
Review Status	IIM Approved
Item Year	2024

Shift	Shift 2
Reviewer SME	SET 2
Creator SME	SET 2
IIMB Difficulty	Medium

Among the five types of events, which one saw maximum participation from athletes of the five given states, taken together?

Options :

1. ✖ Track Events

2. ✖ Field Events

3. ✔ Swimming Events

4. ✖ Boxing and Wrestling

Hints :

The event-wise number of participants are as follows:
Track: 2124
Field: 2064
Swimming: 2364
Racket Sports: 960
Boxing and Wrestling: 2004

Question Number : 22 Question Id : 718398530 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Data Interpretation
SubTopic	Chart/Graph/Table
SME Difficulty Level	Medium
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 2
Creator SME	SET 2
IIMB Difficulty	Medium

Approximately what percentage of the total number of participants from the five states taken together was equal to the total number of participants from Punjab?

Options :

1. ✔ 18.9%
2. ✖ 20.1%
3. ✖ 19.4%
4. ✖ 18.2%

Hints :

Total number of participants from the five states = 1800 + 1752 + 1992 + 2160 + 1812 = 9516
Now, 1800 ÷ 9516 ≈ 0.1892 ≈ ≡ 18.9%

Question Number : 23 Question Id : 718398531 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Data Interpretation
SubTopic	Chart/Graph/Table
SME Difficulty Level	Medium
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 2
Creator SME	SET 2
IIMB Difficulty	Medium

In that National Games if we consider participants from all states of India, including the five for which data has been provided, the total number of participants in the track events was 475% more than those who represented the five given states in track events, the total number of participants in the field events was 525% of those who represented the five given states in field events, and the total number of participants in swimming events was 4 times those who represented the five given states in swimming events. What was the combined number of participants in these three types of events at this National Games, if participants from all states of India were counted?

Options :

1. ✖ 30381
2. ✖ 28017
3. ✖ 30141
4. ✔ 32505

Hints :

The event-wise number of participants from the five states are as follows:

Track: 2124

Field: 2064

Swimming: 2364

Hence, the required combined number of participants will be 5.75 × 2124 + 5.25 × 2064 + 4 × 2364 = 12213 + 10836 + 9456 = 32505

Question Number : 24 Question Id : 718398532 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Data Interpretation
SubTopic	Chart/Graph/Table
SME Difficulty Level	Medium
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 2
Creator SME	SET 2
IIMB Difficulty	Medium

67.5% of all participants from Kerala at the Games were female. If we look at the sex-ratio of participants from Kerala as per the type of events, 56.25% of those in track events and $\frac{7}{9}$ of those in field events were female. The ratio of female and male participants from the state in swimming events was given as 9 : 5. If the number of female participants from Kerala in boxing and wrestling was y times the number of their male counterparts in the same type of events, which of the options below is the closest to the minimum value of y?

Options :

1. ✖ −2.4

2. ✔ 1.5

3. ✖ 3.5

4. ✖ 3.8

Hints :

Total female participants from Kerala = 2160 × 0.675 = 1458

528 × 0.5625 + 576 × 7/9 + 504 × 9/(9+5) = 297 + 448+ 324 = 1069

If all 144 participants from Kerala in racket sports were female, then the value of y will be the lowest.

1069 + 144 = 1213

1458 – 1213 = 245 = minimum possible number of female participants from Kerala in boxing and wrestling events.

Hence, maximum possible number of male participants from Kerala in boxing and wrestling events = 408 – 245 =163

Now, 245 ÷ 163 ≈ 1.5031 ⇒ 1.5 is the correct answer.

Sub-Section Number :	2
Sub-Section Id :	71839828
Question Shuffling Allowed :	Yes

Question Number : 25 Question Id : 718398478 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Arithmetic
SubTopic	Ratio proportion
SME Difficulty Level	Easy
Review Status	IIM Approved
Item Year	2024
Item Reference	BRAINS
Shift	Shift 2
IIMB Difficulty	Medium

Let $\dfrac{m}{n} = \dfrac{90^2+5 \times 90+4}{90^2+5\times 90+6} \times \dfrac{91^2+5\times 91+4}{91^2+5 \times 91+6} \times \ldots \ldots \times \dfrac{98^2+5 \times 98+4}{98^2+5\times 98+6}$

where m and n are co-primes. What is the value of $|m - n|$?

Options :

1. ✔ 3

2. ✖ 4

3. ✖ 6

4. ✖ 8

Hints :

$$10 \quad \text{Use: } x^2+5x+4 = (x+1)(x+4) \ \& \ x^2+5x+6 = (x+2)(x+3),$$
$$x = 90, 91, \cdots, 98$$

$$\frac{m}{n} = \frac{91\times94}{92\times93} \times \frac{92\times95}{93\times94} \times \frac{93\times96}{94\times95} \times \cdots \cdots \frac{98\times101}{99\times100} \times \frac{99\times102}{100\times101}$$

$$= \frac{91}{98} \times \frac{102}{100} = \frac{1547}{1550} \implies |m-n| = 3$$

Ans (1)

Question Number : 26 Question Id : 718398480 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Arithmetic
SubTopic	Number system
SME Difficulty Level	Medium
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 1
Creator SME	SET 1
IIMB Difficulty	Medium

If the number 123k578 is divisible by 11, then what is the value of k?

Options :

1. ✔ 8

2. ✖ 4

3. ✖ 2

4. ✖ 0

Hints :

Sum of odd place digits=17
Sum of even place digits = 9+k
Hence Sum of odd place digits-
Sum of even place digits=0, 11, 22,….
Hence 17-9-k=0, 11, 22,….
Hence possible value of k=8
And this is the greatest as well as least possible value of k
Hence the difference between the greatest value and smallest possible values=8-8=0

Question Number : 27 Question Id : 718398481 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Arithmetic
SubTopic	Profit and Loss
SME Difficulty Level	Difficult
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 1
Creator SME	SET 1
IIMB Difficulty	Medium

A shopkeeper sold article A at a profit of 18% and article B at a loss of 10%, thus making an overall profit of Rs.85. If he had sold at article A at an 11% loss and article B at an 8% profit, he would have suffered a loss of Rs.34. Find the sum (in Rs.) of the cost prices of article A and article B.

Options :

1. ✔ 1950

2. ✖ 2050

3. ✖ 2000

4. ✖ 1550

Hints :

Let cost price of article A =100x

Cost price of Article B =100y

From the given statements, 18x-10y=85

8y-11x = -34

Solving this equations, we get x=10, y=9.5

Cost price of article A = 100x = Rs.1000

Cost price of article B = 100y = Rs.950

Question Number : 28 Question Id : 718398482 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Arithmetic
SubTopic	Time and Work
SME Difficulty Level	Difficult
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 1
Creator SME	SET 1
IIMB Difficulty	Difficult

A, B and C work in a workshop for creating identical idols. A can craft 10 idols in 150 days. Similarly, B and C can individually create 16 idols in 192 days and 320 days, respectively. B works every day, A works only on alternate days starting from the first day, i.e. 1st March, and C also works only on alternate days starting from the second day, i.e 2nd March. On which date will the construction of 2 idols be completed?

Options :

1. ✶ 16 March

2. ✔ 15 March

3. ✶ 14 March

4. ✶ 13 March

Hints :

Time for 1 idol to craft by A, B and c are 15,12, and 20 days

Taking the LCM of (15,12,20) = 60 units

Efficiency of A = 60/15 = 4 units/day

Efficiency of B = 60/12 = 5 units/day

Efficiency of C = 60/20 = 3 units/day

Work done in every 2 days = 9 + 8 =17 units. So, the number of cycles will be 3 and the work done during 3 cycles = 3 x 17 = 51 units. Remaining work on 7th day = 60-51 = 9 units. Work is completed on 7th day by A and B. Therefore, 7 days are required to craft the 1 idol. Hence, First Idol constructed in 7 days. On the 8th day B and C will work. On the 14th day remaining work to be done will be 9/60 to complete the 2nd idol, but on the 14th day work will be done by B and C and their capacity is only of 8/60. Hence 2nd idol will be completed on 15th day.

Question Number : 29 Question Id : 718398484 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Algebra
SubTopic	Progression
SME Difficulty Level	Difficult
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 2
Creator SME	SET 1
IIMB Difficulty	Medium

A boy agrees to work at the rate of one rupee on the first day, two rupees on the second day, four rupees on third day and so on, thus getting on any day twice the amount he received just the day before. How many rupees will the boy earn in all, if he started working on the 5th of March and completed the work on the 28th of March?

Options :

1. ✖ $2^{20} - 1$

2. ✖ $2^{20} - 2$

3. ✔ $2^{24} - 1$

4. ✖ $2^{23} - 1$

Hints :

nth term=ar^n-1
n=24
Sum=a(r^n-1)/r-1
=1(2^204-1)/2-1
=2^24-1

Question Number : 30 Question Id : 718398486 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 1 Wrong Marks : 0
Question Key Details :

Key	Value
Topic	Algebra
SubTopic	Permutation Combination
SME Difficulty Level	Difficult
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 1
Creator SME	SET 1
IIMB Difficulty	Difficult

Out of 7 different consonants and 4 different vowels, how many words (not necessarily meaningful) of 4 consonants and 2 vowels can be formed?

Options :

1. ✔ 151200

2. ✖ 210

3. ✖ 720

4. ✖ 142500

Hints :

Number of ways of selecting (4 consonants out of 7) and (2 vowels out of 4) = 7C4 × 4C2 = 35 × 6 = 210

Number of groups, each having 4 consonants and 2 vowels = 210.

Each group contains 6 letters.

Number of ways 6 letters can arrange themselves = 6! = 720

∴ Required number of ways = (210 x 720) = 151200.

Question Number : 31 Question Id : 718398487 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 1 Wrong Marks : 0
Question Key Details :

Key	Value
Topic	Geometry
SubTopic	Mensuration
SME Difficulty Level	Easy
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 1
Creator SME	SET 1
IIMB Difficulty	Medium

A room, with a length of 18m, a height of 15 m and a total surface area of 1332 m^2 is to be divided into 4 m wide small rooms, by inserting plywood sheets in the room. To minimize the expenditure on the purchase of these sheets, how many 18 m × 15 m sheets will be required to construct the maximum possible number of such small rooms, if the length and the height of the small rooms remain the same as that of the original room?

Options :

1. ✖ 4

2. ✖ 3

3. ✔ 2

4. ✖ 1

Hints :

Breadth = 396/33=12
Hence maximum 3 rooms (each of width 4meter) can be constructed.
Thus, number of sheets required=2
[Hence, Option 3 should be the correct answer.]

Question Number : 32 Question Id : 718398523 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Arithmetic
SubTopic	Time Speed and Distance
SME Difficulty Level	Medium
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 4
Creator SME	SET 4
IIMB Difficulty	Medium

Nidhi reached her institute in 3 hours while travelling by bus with a wheel radius of 70 cm and making 250 revolutions in one minute. One day, she left for the institute one hour later than usual time. Then to reach her institute on time, she should increase her speed by _____ . [Use $\pi = \frac{22}{7}$]

Options :

1. ✖ 98 km/hr

2. ✔ 33 km/hr

3. ✖ 68.5 km/hr

4. ✖ 40 km/hr

Hints :

(13) Let speed of bus = x Km/hr

distance covered by wheel in one min. $= \dfrac{x \times 1000 \times 100}{60}$

Circumference of wheel $= 2 \times \dfrac{22}{7} \times 70 = 440$ cm.

∴ No. of revolution in one min $= \dfrac{x \times 1000 \times 100}{60 \times 440}$

$250 = \dfrac{x \times 1000 \times 100}{60 \times 440}$

$x = 66$ Km/hr.

When left 1 hour late, then reduced time

$= 3 - 1 = 2$ hour.

$\Rightarrow \dfrac{66 \times 3}{2} = 99$ km/hr.

Increase speed $= \boxed{33 \text{ km/hr.}}$

Question Number : 33 Question Id : 718398524 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Algebra
SubTopic	Quadratic Equation
SME Difficulty Level	Difficult
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2

Reviewer SME	SET 4
Creator SME	SET 4
IIMB Difficulty	Difficult

If the equation $(m - 3)x^2 - 2mx + 5m = 0$ has real and positive roots, then the possible value(s) of m lies in:

Options :

1. ✖ $[2,3]$

2. ✖ $(2, 3.8)$

3. ✔ $(3, 3.75]$

4. ✖ $[3.1, 4)$

Hints :

⟹ |multiple of 20|

(17) The roots are real and positive if $D \geq 0$, sum of roots > 0 and product of roots > 0.

(I) → $D \geq 0$ ⟹ $4m^2 - 20m(m-3) \geq 0$ ⟹ $-4m^2 + 15m \geq 0$

⟹ $4m^2 - 15m \leq 0$ ⟹ $m \in [0, 3.75]$

(II) → sum of roots > 0 :

$\dfrac{2m}{m-3} > 0$ ⟹ $\dfrac{m}{m-3} > 0$ ⟹ $m \in (-\infty, 0) \cup (3, \infty)$

(III) → product of roots > 0 :

$\dfrac{5m}{m-3} > 0$ ⟹ $\dfrac{m}{m-3} > 0$ ⟹ $m \in (-\infty, 0) \cup (3, \infty)$

Combining (I), (II) and (III) →

Hence $\boxed{m \in (3, 3.75]}$

Question Number : 34 Question Id : 718398525 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0
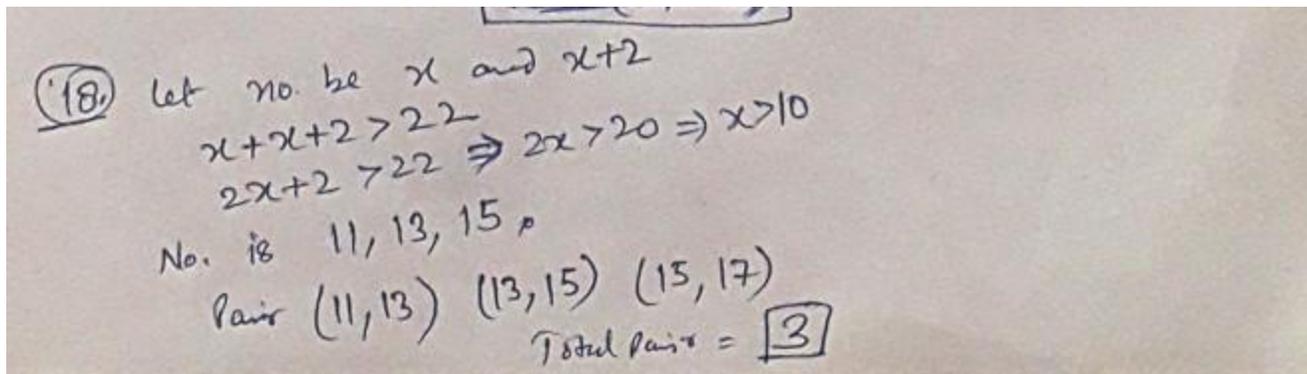
Question Key Details :

Key	Value
Topic	Algebra
SubTopic	Inequations
SME Difficulty Level	Medium
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 4
Creator SME	SET 4
IIMB Difficulty	Medium

A pair of consecutive odd positive integers, both of which are smaller than 19, have a sum that is more than 22. How many such pairs will be there, if we allow a number to be in more than one pair?

Options :

1. ✖ 2

2. ✔ 3

3. ✖ 4

4. ✖ 5

Hints :

Question Number : 35 Question Id : 718398526 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0
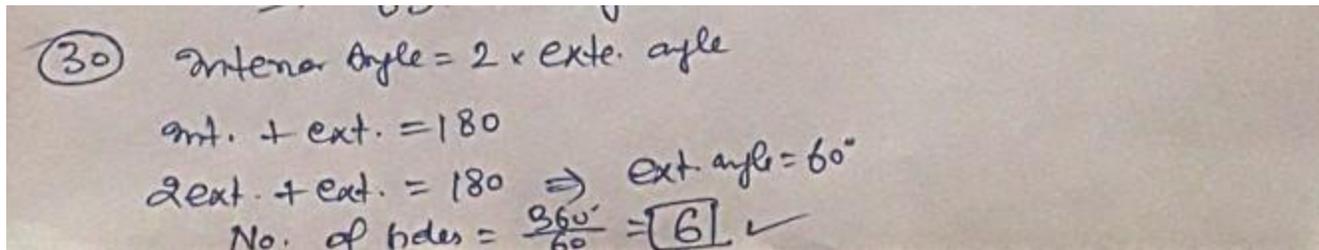
Question Key Details :

Key	Value
Topic	Geometry

SubTopic	Plane Geometry
SME Difficulty Level	Medium
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 4
Creator SME	SET 4
IIMB Difficulty	Easy

The measure of each exterior angle of a regular polygon having 'p' sides is half of the measure of each of its interior angles. The value of 'p' is:

Options :

1. ✖ 8

2. ✔ 6

3. ✖ 7

4. ✖ 9

Hints :

Question Number : 36 Question Id : 718398533 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Arithmetic
SubTopic	Simple Interest
SME Difficulty Level	Easy
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 2

| Creator SME | SET 2 |
| IIMB Difficulty | Easy |

The simple interest on a certain sum of money invested at 7.5% per annum for 4 years is ₹243. What was the sum (in ₹) invested?

Options :

1. ✖ 840

2. ✖ 750

3. ✔ 810

4. ✖ 900

Hints :

At 7.5% per annum, simple interest in 4 years will be 30% of sum invested.
Hence, sum invested = Rs 243 ÷ 0.3 = Rs 810

Question Number : 37 Question Id : 718398534 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Arithmetic
SubTopic	Average
SME Difficulty Level	Easy
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 2
Creator SME	SET 2
IIMB Difficulty	Easy

The average of three numbers is 19 while the average of two of these numbers is 21.25. What is the value of the third number?

Options :

1. ✖ 15.5

2. ✔ 14.5

3. ✖ 13.5

4. ✖ 12.5

Hints :

$19 \times 3 - 21.25 \times 2 = 57 - 42.5 = 14.5$

Question Number : 38 Question Id : 718398535 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Algebra
SubTopic	Linear Equation
SME Difficulty Level	Easy
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 2
Creator SME	SET 2
IIMB Difficulty	Medium

Ravish paid ₹640 for a jar of 40 chocolates where the amount paid included the cost of the jar. Harish paid a total of ₹1540 for one jar containing 55 chocolates and a second jar containing 45 chocolates, where the amount paid included the cost of both the jars. If all jars cost the same, and all chocolates cost the same, how much (in ₹) would Satish have to pay for a jar containing 35 chocolates, if the amount he has to pay includes the cost of the jar as well as that of the chocolates he bought?

Options :

1. ✖ 555

2. ✖ 585

3. ✖ 525

4. ✔ 575

Hints :

Let the cost per jar be Rs y and the cost of each chocolate be Rs z.
Hence, we have y + 40z = 640 and 2y + 100z = 1540 ⇒ y + 50z = 770
Hence, we have 10z = 130 ⇒ 5z = 65 ⇒ 35z = 455 and 40z = 520
Hence, y = 640 – 520 = 120 ⇒ y + 35z = 120 + 455 = 575

Question Number : 39 Question Id : 718398536 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Geometry
SubTopic	Plane Geometry
SME Difficulty Level	Easy
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 2
Creator SME	SET 2
IIMB Difficulty	Medium

PQRS is a cyclic quadrilateral whose diagonals PR and QS intersect at the point T.

$\angle$SQR measures 72°, and $\angle$QPR measures 28°. What is the measure of $\angle$QRS?

Options :

1. ✔ 80º

2. ✖ 100º

3. ✖ 82º

4. ✖ 60º

Hints :

Since PQRS is a cyclic quadrilateral, $\angle SQR = \angle SPR = 72^0 \Rightarrow \angle SPQ = 72^0 + 28^0 = $

100^0 Hence, $\angle QRS = 180^0 - 100^0 = 80^0$

Question Number : 40 Question Id : 718398538 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Algebra
SubTopic	Function and Graph
SME Difficulty Level	Medium
Review Status	IIM Approved

Item Year	2024
Shift	Shift 2
Reviewer SME	SET 3
Creator SME	SET 3
IIMB Difficulty	Difficult

Regarding the function $f(x) = x^2 - 5x + 1$ and $g(x) = 1 - x - x^3$ on the set of real numbers, which of the following statements is not true?

Options :

1. ✖ The graph of f and g intersect at three different points

2. ✖ The graph of f and g intersect at just one point with positive abscissa.

3. ✖ The graph of f and g intersect at just one point with negative abscissa.

4. ✔ The graph of f and g intersect at just one point above the x-axis

Logical Analytical Reasoning

Section Id :	71839819
Section Number :	3
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	10
Number of Questions to be attempted :	10
Section Marks :	10
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	71839829
Question Shuffling Allowed :	Yes

Question Number : 41 Question Id : 718398479 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Verbal Reasoning - Analytical
SubTopic	Direction Sense
SME Difficulty Level	Medium
Review Status	IIM Approved
Item Year	2024
Item Reference	VILOKA
Shift	Shift 2
IIMB Difficulty	Medium

Komal and Shalu walk 10 km together from the same point towards a point A in the north from point A, Komal walks 6 km towards south and then she walks 3 km towards east. Also, from point A Shalu walks 4 km towards west and then walks 6 km towards south. What is the distance between Shalu and Komal?

Options :

1. ✖ 10 km

2. ✖ 9 km

3. ✖ 8 km

4. ✔ 7 km

Question Number : 42 Question Id : 718398497 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Verbal Reasoning - Analytical
SubTopic	Seating arrangment
SME Difficulty Level	Medium
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 1

Creator SME	SET 1
IIMB Difficulty	Medium

Seven people, M,N,O,P,Q,R and S are sitting in a row, facing north. Only one person sits to the left of P. Only two people sit to the right of S. O sits second to the left of S. Only one person sits between O and N. Q is not the immediate neighbor of S. Only two people sit between Q and M. How many people are sitting between P and R?

Options :

1. ✖ 1

2. ✖ 2

3. ✔ 3

4. ✖ 4

Hints :

(left)N P O MS RQ(right)

Question Number : 43 Question Id : 718398498 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Verbal Reasoning - Critical
SubTopic	Conclusion
SME Difficulty Level	Medium
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 1
Creator SME	SET 1
IIMB Difficulty	Medium

Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements: All birds are insects. All insects are mammals.

Conclusions (I) : All mammals are birds
Conclusions (II) : All birds are mammals

Options :

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

Hints :

Only second conclusion is true

Question Number : 44 Question Id : 718398499 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Verbal Reasoning - Analytical
SubTopic	Series completion
SME Difficulty Level	Medium
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 1
Creator SME	SET 1
IIMB Difficulty	Medium

What should come in place of '?' in the given series?

7,   17, 26, 34 , ?

Options :

1. ✖ 40
2. ✔ 41
3. ✖ 42
4. ✖ 45

Hints :

Addition of 10,9,8,7,…

Question Number : 45 Question Id : 718398500 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Verbal Reasoning - Analytical
SubTopic	Blood Relations
SME Difficulty Level	Medium
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 1
Creator SME	SET 1
IIMB Difficulty	Medium

K is the sister of L. L is the father of M. M is the son of N. N is the mother of O. O is the wife of P. P is the father of Q. How is L related to Q?

Options :

1. ✖ Mother

2. ✖ Father

3. ✔ Mother's father

4. ✖ Mother's brother

Hints :

Mother's father

Question Number : 46 Question Id : 718398501 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Verbal Reasoning - Analytical
SubTopic	Odd elements - Verbal
SME Difficulty Level	Difficult
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 1
Creator SME	SET 1

| IIMB Difficulty | Difficult |

Based on the English alphabetical order, three of the following four letter cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group?

Options :

1. ✖ AD- BE

2. ✖ GJ- HK

3. ✖ UX- VY

4. ✔ KN-LP

Hints :

Logic: difference of 2

Question Number : 47 Question Id : 718398513 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Verbal Reasoning - Analytical
SubTopic	Order Detection
SME Difficulty Level	Easy
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 2
Creator SME	SET 2
IIMB Difficulty	Easy

A group of students are sitting in a line facing north. Arpit is 36th from the left end and 30th from the right end. How many students are sitting in the line?

Options :

1. ✖ 62

2. ✔ 65

3. ✖ 66

4. ✖ 67

Hints :

The correct option is: 2.
Solution: Total number of students: $35 + 29 + 1 = 65$

Question Number : 48 Question Id : 718398514 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	Verbal Reasoning - Analytical
SubTopic	Equality-inequality
SME Difficulty Level	Easy
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 2
Creator SME	SET 2
IIMB Difficulty	Easy

In a group of six persons named P, Q, R, S, T and U; each has a different age. R is elder than T. Q is younger than S. P is elder than U. U is elder than Q. S is younger than U. T is elder than P. Who is second eldest in the group?

Options :

1. ✔ T

2. ✖ R

3. ✖ O

4. ✖ S

Hints :

R T P U S Q
The correct option is 1.
The order is: R>T>P>U>S>Q

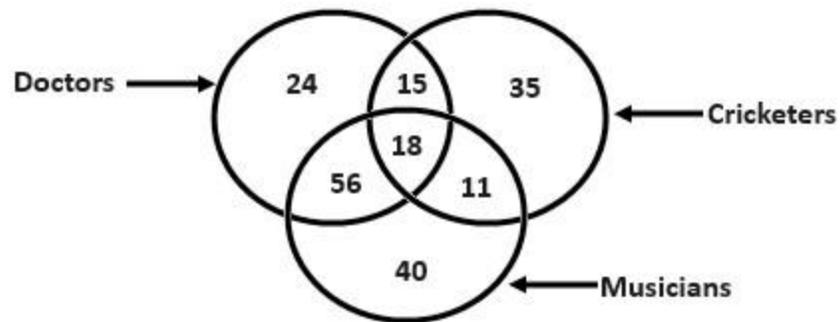**Question Number : 49 Question Id : 718398515 Question Type : MCQ Option Shuffling : Yes**

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value

Topic	Numerical Reasoning
SubTopic	Basic numerical operations
SME Difficulty Level	Medium
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 2
Creator SME	SET 2
IIMB Difficulty	Easy

The numbers given in the diagram below represent the number of persons of that category.

How many doctors are musicians but are not cricketers?

Options :

1. ✖ 18

2. ✔ 56

3. ✖ 15

4. ✖ 74

Hints :

The area common to the circles of doctors and musicians only has 56 in it.
Solution: Common region of Doctor and musicians. 56

Question Number : 50 Question Id : 718398516 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value

Topic	Verbal Reasoning - Analytical
SubTopic	Clocks and Calenders
SME Difficulty Level	Difficult
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 3
Creator SME	SET 3
IIMB Difficulty	Difficult

If 26th December 1999 is Sunday, then what will be the day of the week on 21st April 2005?

Options :

1. ✖ Monday
2. ✖ Tuesday
3. ✔ Thursday
4. ✖ Sunday

Hints :

21st April 2005 is on Thursday

General Awareness

Section Id :   71839820

Section Number :   4

Section type :   Online

Mandatory or Optional : Mandatory

Number of Questions : 10

Number of Questions to be attempted : 10

Section Marks :   10

Maximum Instruction Time : 0

Sub-Section Number : 1

Sub-Section Id :   71839830

Question Shuffling Allowed : Yes

Question Number : 51 Question Id : 718398483 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	General Knowledge
SubTopic	Indian History
SME Difficulty Level	Medium
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 3
Creator SME	SET 3
IIMB Difficulty	Medium

Who among the following Indian social activist founded a reform association known as the Brahmo Sabha, which was later known as the Brahmo Samaj?

Options :

1. ✖ Swami Dayanand Saraswati

2. ✔ Raja Rammohun Roy

3. ✖ Ishwarchandra Vidyasagar

4. ✖ Jyotirao Phule

Hints :

https://www.ncert.nic.in/ncerts/l/hess203.pdf

Question Number : 52 Question Id : 718398485 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	General Knowledge
SubTopic	Indian Economy
SME Difficulty Level	Medium
Review Status	IIM Approved
Item Year	2024

Shift	Shift 2
Reviewer SME	SET 3
Creator SME	SET 3
IIMB Difficulty	Medium

Indian industrialist and former chairman of Tata Sons, Mr. Ratan Naval Tata was conferred with which award in 2008?

Options :

1. ✔ Padma Vibhushan

2. ✖ Padma Bhushan

3. ✖ Padma Shri

4. ✖ Bharat Ratna

Hints :

https://dashboard-padmaawards.gov.in/?Award=Padma%20Vibhushan&Year=2008-2008

Question Number : 53 Question Id : 718398488 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	General Knowledge
SubTopic	Indian Economy
SME Difficulty Level	Easy
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 4
Creator SME	SET 4
IIMB Difficulty	Easy

Which among the following is the most appropriate definition of "Gross National Product"?

Options :

1. ✖ The depreciation in the total value of goods and services produced in the country.

2. ✖ The total value of goods and services produced in the country.

3. ✖ The total value of all the transactions in the country.

4. ✔ The total value of goods and services produced in the country plus the net factor income from abroad.

Hints :

https://ncert.nic.in/textbook/pdf/jess203.pdf

Question Number : 54 Question Id : 718398517 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 1 Wrong Marks : 0
Question Key Details :

Key	Value
Topic	Current Affairs
SubTopic	International Current Affairs
SME Difficulty Level	Medium
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 2
Creator SME	SET 2
IIMB Difficulty	Medium

In June 2024, Claudia Sheinbaum was elected as the first female president of _____.

Options :

1. ✖ El Salvador

2. ✖ Jamaica

3. ✔ Mexico

4. ✖ Barbados

Hints :

03/06/24
CLAUDIA SHEINBAUM ELECTED AS MEXICO'S FIRST WOMAN PRESIDENT
https://ddnews.gov.in/en/claudia-sheinbaum-elected-as-mexicos-first-woman-president/

3 June 2024
Claudia Sheinbaum has been elected as Mexico's first female president, in a historic landslide win.
https://www.bbc.com/news/articles/cp4475gwny1o

Question Number : 55 Question Id : 718398518 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	General Knowledge
SubTopic	Art and Culture
SME Difficulty Level	Difficult
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 2
Creator SME	SET 2
IIMB Difficulty	Difficult

In September 2023, three temples of the _____ Dynasty in Karnataka were declared as UNESCO Heritage Sites.

Options :

1. ✔ Hoysala

2. ✖ Chalukya

3. ✖ Vijayanagaram

4. ✖ Pallava

Hints :

September 19, 2023

The Hoysala temples at Belur, Halebid, and Somanathapur in Karnataka were declared as UNESCO World Heritage Sites on September 18

The Chennakeshava temple at Belur and Hoysaleshwara temple at Halebid — both in Hassan district have been on the UNESCO's tentative list since 2014. The Keshava temple at Somanathapur in Mysuru district was appended to the other two monuments under the tentative list and all the three were officially nominated by the Centre as India's entry for 2022-23 in February in 2022.

https://www.thehindu.com/news/national/karnataka/three-hoysala-temples-of-karnataka-inscribed-as-unesco-world-heritage-sites/article67321126.ece

https://whc.unesco.org/document/192644

Question Number : 56 Question Id : 718398519 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	General Knowledge
SubTopic	Indian History
SME Difficulty Level	Difficult
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 2
Creator SME	SET 2
IIMB Difficulty	Medium

Match the following associations / reform movements in Column A to the persons who founded / inspired them in Column B:

Column A	Column B
i) Atmiya Sabha	a) Ram Mohan Roy
ii) Prarthana Samaj	b) Dayanand Saraswati
iii) Arya Samaj	c) Atmaram Pandurang
iv) Ramakrishna Mission	d) Gadadhar Chatterjee

Options :

1. ✔ i – a, iii – b, ii – c , iv - d

2. ✖ i – d, iii – b ,ii – c, iv - a

3. ✖ i – d, ii – b, iii – c, iv - a

4. ✖ i – a, ii – b, iii – c, iv - d

Hints :

in 1814 he formed the 'Atmiya Sabha',
https://amritmahotsav.nic.in/district-reopsitory-detail.htm?3096

His Atmiya Sabha, founded in 1814
https://www.nios.ac.in/media/documents/SrSec315NEW/315_History_Eng/315_History_Eng_Lesson18.pdf

The Prarthana Samaj was established in Bombay by Dr. Atma Ram Pandurang in 1867.
https://www.nios.ac.in/media/documents/SecICHCour/English/CH.05.pdf

A direct consequence of his visits was the founding of the Prarthana Samaj in 1867 by Atmaram Pandurang
https://www.nios.ac.in/media/documents/SrSec315NEW/315_History_Eng/315_History_Eng_Lesson18.pdf

This was the basic contribution of Mool Shanker an important representative of the religions reform movement in India from Gujarat. He later

came to be known as Dayanand Saraswati (l824-1883). He founded the Arya Samaj in 1875.
https://www.nios.ac.in/media/documents/SecICHCour/English/CH.10.pdf

Previous Names: Mool Shankar, Shuddh Chaitanya
he founded Arya Samaj
https://www.thearyasamaj.org/maharshidayanand_en

The founder of the Hindu reform organisation Arya Samaj, Swami Dayanand Saraswati was born as Mool Shankar Tiwari on February 12, 1824, in Gujarat.
https://www.indiatoday.in/information/story/maharishi-dayanand-saraswati-jayanti-2022-date-quotes-and-all-you-need-to-know-1918115-2022-02-26

During the late 19th century, another notable reform movement in Bengal, which soon spread to other parts of the country, was the Ramakrishna Mission. The movement began under an ascetic and priest Gadadhar Chatterjee or Swami Ramakrishna Paramhansa
https://www.nios.ac.in/media/documents/SrSec315NEW/315_History_Eng/315_History_Eng_Lesson18.pdf

Ramakrishna was born into a poor Brahmin family in Karampukur village in Bengal, India. His parents named him Gadadhar Chatterjee.
His teachings inspired the formation of the Ramakrishna Mission
https://www.newworldencyclopedia.org/entry/Ramakrishna

Question Number : 57 Question Id : 718398520 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	General Knowledge
SubTopic	Indian Geography
SME Difficulty Level	Easy
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 2
Creator SME	SET 2
IIMB Difficulty	Easy

TRISHNA (Thermal Infra-Red Imaging Satellite for High-resolution Natural Resource Assessment), a joint satellite mission between India and _____, is expected to go live in 2025.

Options :

1. ✖ Brazil

2. ✔ France

3. ✖ Israel

4. ✖ Japan

Hints :

The TRISHNA (Thermal Infra-Red Imaging Satellite for High-resolution Natural Resource Assessment) mission, a collaborative endeavor between ISRO and CNES
https://www.isro.gov.in/TRISHNA_Mission.html

Jun 6, 2024
In a major boost to global efforts to monitor and mitigate climate change, the Indian Space Research Organisation (Isro) is collaborating with the French Space Agency CNES on an ambitious new satellite mission called Trishna.
https://www.indiatoday.in/science/story/trishna-satellite-isro-france-joint-mission-climate-change-data-2549794-2024-06-06

Question Number : 58 Question Id : 718398521 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 1 Wrong Marks : 0

Question Key Details :

Key	Value
Topic	General Knowledge
SubTopic	Indian Economy
SME Difficulty Level	Medium
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 2
Creator SME	SET 2
IIMB Difficulty	Easy

Who is CEO of the Indian financial services company 'Zerodha' as on 1st June 2024?

Options :

1. ✱ Deepinder Goyal

2. ✱ Ashneer Grover

3. ✱ Anupam Mittal

4. ✔ Nikhil Kamath

Hints :

Jan 26 2024
Nikhil Kamath, the innovative mind behind Zerodha, stands out as a trailblazing entrepreneur to watch in 2024. As co-founder and CEO, he has revolutionized India's investment landscape, democratizing access through Zerodha's user-friendly platform.
https://www.business-standard.com/content/press-releases-ani/unveiling-india-s-top-young-visionary-entrepreneurs-to-reckon-in-2024-124012600721_1.html

Jun 10, 2024
Zerodha CEO Nithin Kamath praises SEBI for making Indian stock market more investor-friendly on social media platform X
https://timesofindia.indiatimes.com/technology/tech-news/zerodha-ceo-nithin-kamaths-thanks-note-for-sebi-also-has-something-for-brokers/articleshow/110840105.cms

Question Number : 59 Question Id : 718398522 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 1 Wrong Marks : 0
Question Key Details :

Key	Value
Topic	General Knowledge
SubTopic	Art and Culture
SME Difficulty Level	Medium
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 2
Creator SME	SET 2
IIMB Difficulty	Medium

'Chittara Painting' is a folk art form from _____ .

Options :

1. ✱ Rajasthan

2. ✖ Nagaland
3. ✖ Bihar
4. ✔ Karnataka

Hints :

Karnataka's intriguing Chittara paintings.

https://www.thebetterindia.com/5760/tbi-photo-essay-the-varied-hues-of-indigenous-art-in-india/#google_vignette

The folk art form of Karnataka,are drawings of intricate patterns, that represent the auspicious ceremony and rituals of life, symbolized in geometric patterns.

https://artforconcern.org/traditional-ArtForm/chittara

Chittara Painting – Folk Art From Karnataka

https://www.huffpost.com/entry/chittara-painting-folk-art-from-karnataka_b_57d5aca5e4b0eb9a57b7ada1

Question Number : 60 Question Id : 718398537 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 1 Wrong Marks : 0
Question Key Details :

Key	Value
Topic	General Knowledge
SubTopic	Art and Culture
SME Difficulty Level	Difficult
Review Status	IIM Approved
Item Year	2024
Shift	Shift 2
Reviewer SME	SET 1
Creator SME	SET 1
IIMB Difficulty	Difficult

Hampi, a UNESCO World Heritage Site, is renowned for its monumental ruins from which empire's reign?

Options :

1. ✖ Maurya Empire

2. ✖ Chola Empire

3. ✔ Vijayanagara Empire

4. ✖ Mughal Empire

Hints :

The austere and grandiose site of Hampi comprise mainly the remnants of the Capital City of Vijayanagara Empire
https://whc.unesco.org/en/list/241/#:~:text=The%20austere%20and%20grandiose%20site,the%20last%20great%20Hindu%20Kingdom.

Albeit in ruins, the magnificent structures here stand in testimony to Hampi's rich past under the powerful Vijayanagara empire
https://desh.tourism.gov.in/destinations/detail/63