Indian Institute of Management Kozhikode

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 :	IIMK BMS APTITUDE TEST 22nd June 2025 Shift 2
Subject Name :	IIMK BMS APTITUDE TEST
Creation Date :	2025-06-22 17:59:54
Duration :	120
Total Marks :	300
Display Marks:	No
Change Font Color :	No
Change Background Color :	No
Change Theme :	No
Help Button :	No
Show Reports :	No
Show Progress Bar :	No

Verbal Ability

Group Number :	1
Group Id :	9988227
Group Maximum Duration :	60
Group Minimum Duration :	60
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	150

Verbal Ability

Section Id :	9988227
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	37
Number of Questions to be attempted :	37
Section Marks :	150
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	99882213

Question Number : 1 Question Id : 998822310 Question Type : MCQ Option Shuffling : Yes Correct Marks : 3 Wrong Marks : 1

Choose the most appropriate meaning / Phrasal Verb / word / verb for the Sentence.

What is the meaning of "insipid"?

Options :

1. ✖ Flavourful and tasty

2. ✔ Lacking flavour or interest, dull

3. ✖ Exciting and Exhilarating

4. ✖ Sincere and genuine

Question Number : 2 Question Id : 998822311 Question Type : MCQ Option Shuffling : Yes Correct Marks : 3 Wrong Marks : 1

Choose the most appropriate meaning / Phrasal Verb / word / verb for the Sentence.

What does "abrogate" mean?

Options :

1. ✖ To affirm or confirm

2. ✔ To repeal or abolish or to officially revoke

3. ✖ To establish and enforce

4. ✖ To encourage and support

Question Number : 3 Question Id : 998822312 Question Type : MCQ Option Shuffling : Yes Correct Marks : 3 Wrong Marks : 1

Choose the most appropriate meaning / Phrasal Verb / word / verb for the Sentence.

What does the word "truculent" mean

Options :

1. ✖ Peaceful and friendly

2. ✔ Aggressively hostile and fierce

3. ✖ Easily persuaded and cooperative

4. ✖ Timid and submissive

Question Number : 4 Question Id : 998822313 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1
Choose the most appropriate meaning / Phrasal Verb / word / verb for the Sentence.

She cut the Gordian knot with a bold decision.
Options :
1. ✖ Made the problem worse
2. ✖ Took a long time to solve a puzzle
3. ✔ Solved a complex issue with a decisive move
4. ✖ Asked others to help her decide

Question Number : 5 Question Id : 998822314 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1
Choose the most appropriate meaning / Phrasal Verb / word / verb for the Sentence.

The new CEO threw down the gauntlet in the first board meeting
Options :
1. ✖ Quit his job
2. ✔ Issued a challenge
3. ✖ Dropped his files
4. ✖ Apologized

Question Number : 6 Question Id : 998822315 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1
Choose the most appropriate meaning / Phrasal Verb / word / verb for the Sentence.

He always rides roughshod over other people's opinions.
Options :
1. ✔ Ignores or disrespects them
2. ✖ listens patiently
3. ✖ Carefully analyses
4. ✖ Repeats their ideas

Question Number : 7 Question Id : 998822316 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

Choose the most appropriate meaning / Phrasal Verb / word / verb for the Sentence.

The only fly in the ointment was the broken microphone.

Options :

1. ✖ The solution to a problem
2. ✖ An unexpected gift
3. ✔ A minor flaw in an otherwise good situation
4. ✖ A funny distraction

Question Number : 8 Question Id : 998822317 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

Choose the most appropriate meaning / Phrasal Verb / word / verb for the Sentence.

She knew she had to toe the line or face consequences.

Options :

1. ✖ Draw attention
2. ✖ Take a break
3. ✖ Break the rule
4. ✔ Follow the rules strictly

Question Number : 9 Question Id : 998822318 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

Choose the most appropriate meaning / Phrasal Verb / word / verb for the Sentence.

He still carries the torch for his high school crush.

Options :

1. ✖ Wants revenge
2. ✔ Secretly admires or loves someone
3. ✖ Sends gifts often
4. ✖ Writes angry letters

Question Number : 10 Question Id : 998822319 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

Choose the most appropriate meaning / Phrasal Verb / word / verb for the Sentence.

The government keeps kicking the can down the road.

Options :

1. ✖ Solving issues quickly
2. ✔ Avoiding hard decisions by delaying them
3. ✖ Making a strong decision
4. ✖ Taking the easy route

Question Number : 11 Question Id : 998822320 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

Choose the most appropriate meaning / Phrasal Verb / word / verb for the Sentence.

The teacher read the riot act to the noisy class.

Options :

1. ✖ Gave them extra homework
2. ✖ Praised them
3. ✔ Scolded them firmly
4. ✖ Sang a poem

Question Number : 12 Question Id : 998822321 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

Choose the most appropriate meaning / Phrasal Verb / word / verb for the Sentence.

She managed to _____ her fears during the presentation

Options :

1. ✖ Keep off
2. ✖ Back up
3. ✖ Put down
4. ✔ Keep at bay

Question Number : 13 Question Id : 998822322 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

Choose the most appropriate meaning / Phrasal Verb / word / verb for the Sentence.

They managed to _____ the contract despite several obstacles

Options :

1. ✖ Pin down
2. ✖ Write off
3. ✔ Pull off
4. ✖ Think Through

Question Number : 14 Question Id : 998822323 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

Choose the most appropriate meaning / Phrasal Verb / word / verb for the Sentence.

It was his....that led him to penury.

Options :

1. ✖ flamboyance
2. ✖ arrogance
3. ✔ extravagance
4. ✖ ebullience

Question Number : 15 Question Id : 998822324 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

Choose the most appropriate meaning / Phrasal Verb / word / verb for the Sentence.

He ......himself a stiff drink before making his statement to the police officer.

Options :

1. ✖ threw
2. ✔ poured
3. ✖ filled
4. ✖ sipped

Question Number : 16 Question Id : 998822325 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

Choose the most appropriate meaning / Phrasal Verb / word / verb for the Sentence.

Had it not been for her quick thinking, the plan ___ into chaos.
Options :
1. ✖ would descend
2. ✔ would have descended
3. ✖ had descended
4. ✖ will have descended

Question Number : 17 Question Id : 998822326 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

Choose the most appropriate meaning / Phrasal Verb / word / verb for the Sentence.

He speaks as if he ___ the theory himself, though he barely understands it.
Options :
1. ✔ had devised
2. ✖ would devise
3. ✖ will have devised
4. ✖ devised

Question Number : 18 Question Id : 998822327 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

Choose the most appropriate meaning / Phrasal Verb / word / verb for the Sentence.

If I ___ you were coming, I might have stayed.
Options :
1. ✔ had known
2. ✖ know
3. ✖ knew
4. ✖ have known

Question Number : 19 Question Id : 998822328 Question Type : MCQ Option Shuffling : Yes Correct Marks : 3 Wrong Marks : 1

The sentences below have words that are missing. Choose the best option from those given below to complete the sentence.

Achieving spaceflight enabled humans to begin to explore the solar system and the rest of the _____,to understand the many objects and _____ that are better observed from a space perspective, and to use for human benefit the resources and attributes of the space environment. All of these activities - discovery, scientific understanding, and the _____ of that understanding to serve human purposes – are elements of space _____ .

Options :

1. ✖ galaxy; ideologies; enormity; visualisation

2. ✔ universe; phenomena; application; exploration

3. ✖ cosmos; materials; principles; identification

4. ✖ configuration; elements; functioning; vastness

Question Number : 20 Question Id : 998822329 Question Type : MCQ Option Shuffling : Yes Correct Marks : 3 Wrong Marks : 1

The sentences below have words that are missing. Choose the best option from those given below to complete the sentence.

Visually strong, _____films of the 1920s are _____ preserved and suffer from censorship cuts, leading to the _____that they were primitive and barely watchable.

Options :

1. ✖ monochrome; barely; observation

2. ✔ silent; poorly; misconception

3. ✖ action-packed; badly; accusation

4. ✖ classic; dispassionately; conclusion

Question Number : 21 Question Id : 998822330 Question Type : MCQ Option Shuffling : Yes Correct Marks : 3 Wrong Marks : 1

The sentences below have words that are missing. Choose the best option from those given below to complete the sentence.

Everyday more than 1 billion promotional messages are sent that are commercial and _____. Although _____ have used more technology to stop this,_____ find ways around it.

Options :

1. ✖ educational; firewalls; hackers

2. ✖ inescapable; governments; advertisers

3. ✖ informative; authorities; promoters

4. ✔ unsolicited; regulators; spammers

Question Number : 22 Question Id : 998822331 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 3 Wrong Marks : 1

22. The sentences below have words that are missing. Choose the best option from those given below to complete the sentence.

The beauty of _____ is that it poses thought-provoking questions and inspires us to think deeply about_____ and life in general. Further, _____about the ideas and perspectives outlined by different thinkers can help us to gain a better _____ of the world we live in.

Options :

1. ✔ philosophy; ourselves; pondering; understanding

2. ✖ linguistics; language; cogitating; picture

3. ✖ history; animals; mulling; acquaintance

4. ✖ orthography; writing; speaking; perspective

Question Number : 23 Question Id : 998822332 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 3 Wrong Marks : 1

In the following sentences, the incorrect part of the sentence is underlined. Choose an alternative from the four given options so that the sentence is rendered correct.

His talk on heritage sites has <u>picked up</u> my interest.

Options :

1. ✖ brightened

2. ✔ aroused

3. ✖ adopted

4. ✖ caught

Question Number : 24 Question Id : 998822333 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 3 Wrong Marks : 1

In the following sentences, the incorrect part of the sentence is underlined. Choose an alternative from the four given options so that the sentence is rendered correct.

If I had known that you needed to go to the airport yesterday, I <u>could drive you there</u>

Options :

1. ✖ should have driven you there.

2. ✖ should drive you there.

3. ✔ would have driven you there.

4. ✖ would drive you there.

Question Number : 25 Question Id : 998822334 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 3 Wrong Marks : 1

Each sentence among the questions has pairs of words that are italicized and bold. Among the italicized and bold words, select the most appropriate word to form a correct sentence.

A.   He stepped onto the platform, *clutching [A]*/ *crutching [B]* a wrinkled letter he had received just yesterday.

B.   As the train *dissolved [A]* / *disappeared [B]* into the horizon, he knew his life would never be the same again.

C. The letter, written in a *squeaky [A]* / *shaky [B]* hand, told him his long-lost brother was waiting in the city.

D. With a deep breath, Arjun boarded the train to Kolkata, *unsecure [A]* / *unsure [B]* of what awaited him.

E. For years, Arjun believed his brother had died in the floods that *struck [A]* / *snuck [B]* their village.

Options :

1. ✖ BAAAB

2. ✖ AABBA

3. ✖ ABABA

4. ✔ ABBBA

Question Number : 26 Question Id : 998822335 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 3 Wrong Marks : 1

Each sentence among the questions has pairs of words that are italicized and bold. Among the italicized and bold words, select the most appropriate word to form a correct sentence.

A. She *shipped [A]*/ *slipped [B]* the old key into the rusty lock, unsure if it would still turn.

B. Her grandmother had always *waned [A]*/ *warned [B]* her never to enter the attic after sunset.

C. The wooden stairs *creaked [A]*/ *crinkled [B]* under her feet as she climbed with a flashlight.

D. The door *groaned [A]* / *gloomed [B]* open, revealing a room filled with dust, cobwebs, and a single glowing box.

E. Curiosity, *stronger [A]* / *slogger [B]* than fear, had drawn her back to the house after all these years.

Options :

1. ✖ BAAAB

2. ✖ ABAAB

3. ✖ ABBAA

4. ✔ BBAAA

Question Number : 27 Question Id : 998822336 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

Can you identify the grammatically incorrect sentence from each set?

Options :

1. ✖ I would have helped you if you had asked.
2. ✖ She acts as if she were royalty.
3. ✔ He demanded that she leaves immediately.
4. ✖ By the time we got there, they had already gone.

Question Number : 28 Question Id : 998822337 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

Can you identify the grammatically incorrect sentence from each set ?

Options :

1. ✖ If he had been more careful, he wouldn't be in trouble now.
2. ✖ She had completed the assignment before the deadline.
3. ✔ I wish I knew the answer yesterday.
4. ✖ He talks as though nothing had happened.

Question Number : 29 Question Id : 998822338 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

Can you identify the grammatically incorrect sentence from each set?

Options :

1. ✖ She suggested that he take a break.
2. ✖ I'd rather you came early tomorrow.
3. ✔ He told me that he will be late.
4. ✖ If only she had listened to the advice.

Question Number : 30 Question Id : 998822339 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

Can you identify the grammatically incorrect sentence from each set?

Options :

1. ✔ The movie starts at 7 pm, so we leave at 6.
2. ✖ She had been working on the report all night.
3. ✖ No sooner had he opened the door than it slammed shut.
4. ✖ By next month, they'll have been married for 25 years.

Question Number : 31 Question Id : 998822340 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

Identify the appropriate conclusion based on the premises

Premise 1: All successful entrepreneurs are risk-takers.
Premise 2: Some risk-takers are not successful entrepreneurs.
Conclusion:

Options :

1. ✖ All risk-takers are successful entrepreneurs.

2. ✖ Some successful entrepreneurs are not risk-takers.

3. ✔ Some risk-takers may not be entrepreneurs.

4. ✖ No risk-taker is a successful entrepreneur.

Question Number : 32 Question Id : 998822341 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

Identify the appropriate conclusion based on the premises

Premise 1: If a plant gets sunlight, it grows.
Premise 2: This plant did not grow.
Conclusion:

Options :

1. ✖ The plant got sunlight.

2. ✔ The plant did not get sunlight.

3. ✖ All plants grow.

4. ✖ Sunlight is harmful.

Question Number : 33 Question Id : 998822342 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

Identify the appropriate conclusion based on the premises

Premise 1: Only if the server is online will the website load.
Premise 2: The website did not load.
Conclusion:

Options :

1. ✔ The server must be offline

2. ✖ The server is overloaded.

3. ✖ The website crashed.

4. ✖ The user entered the wrong URL.

Question Number : 34 Question Id : 998822343 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

Identify the appropriate conclusion based on the premises

Premise 1: No philosophers are mathematicians.
Premise 2: All logicians are philosophers.
Conclusion:

Options :

1. ✖ All logicians are mathematicians.

2. ✔ No logician is a mathematician

3. ✖ Some philosophers are mathematicians

4. ✖ All mathematicians are philosophers.

Sub-Section Number : 2
Sub-Section Id : 99882214
Question Shuffling Allowed : No

Question Numbers : (35 to 40)

<u>Reading Comprehension - 1</u>

The Central Statistical Office (CSO) recently reported adding 4.1 million jobs in the formal sector, defined as those with government-mandated social security benefits like the Employees' Provident Fund. Over the past few months, similar estimates have been released by NITI Aayog and official economists, provoking scepticism from informed observers.

The reliability of the official estimates is questionable for two reasons. First, they are based on administrative records from social security schemes, whose completeness and accuracy are uncertain. Second, formal sector workers can access multiple schemes, creating a risk of double counting. As the report fails to clarify how this issue is managed, leading experts sought to release administrative data for independent verification.

Furthermore, the official data faces a conceptual issue. The social schemes outlined previously apply only to establishments that meet a specific employment threshold and pertain to certain types of enterprises. For example, companies with 20 or more employees in the manufacturing sector must provide the Employees' Provident Fund (EPF) to all workers. Consequently, if a factory's workforce increases from 19 to 20 employees, it will fall under the purview of the EPF regulations. Herein lies the fault.

The formal sector stands at the apex of India's labour market pyramid, with agriculture at the bottom, employing 50% of the workforce. The remaining workers are in the non-farm informal sector, spread across rural and urban areas. This sector has grown in recent decades at the expense of the other two above mentioned sectors. Moreover, nearly half of the informal labour workers are self-employed in household (or own account) enterprises, often engaging in unpaid family labour. A defining characteristic of informal labour markets is varying degrees of underemployment or disguised unemployment.

Since 1972-73, the five-yearly Employment-Unemployment Surveys (EUS) by the National Sample Survey (NSS) have been essential for analysing labour market trends. While infrequent, these surveys have offered valuable insights into the complexities of the labour market; access to household-level data lately has spawned rich and granular analyses of the informal economy.

The last EUS was conducted in 2011-12, leaving no reliable means to update employment trends. An annual Periodic Labour Force Survey has replaced the EUS. Still, it will take time for these new datasets to provide stable estimates. Meanwhile, the Labour Bureau has conducted household surveys since 2010-11, revealing a decline in the worker-population ratio between 2013-14 and 2015-16, indicating a deteriorating employment situation.

Sub questions

Question Number : 35 Question Id : 998822345 Question Type : MCQ Option Shuffling : No
Correct Marks : 3 Wrong Marks : 1

Which of the following is/are synonyms of scepticism

I. Cynicism
II. Belief.
III. Distrust
IV. Conviction

Options :

1. ✖ Only II

2. ✖ Only II and IV

3. ✔ Only I and III

4. ✖ Only I, II and III

Question Number : 36 Question Id : 998822346 Question Type : MCQ Option Shuffling : No

Correct Marks : 3 Wrong Marks : 1

Which of the following is/are antonyms of spawned?

I. Destroyed
II. Engender
III. Procreated
IV. Sired

Options :

1. ✔ Only I

2. ✖ Only IV

3. ✖ Only II and IV

4. ✖ Only II, III and IV

Question Number : 37 Question Id : 998822347 Question Type : MCQ Option Shuffling : No
Correct Marks : 3 Wrong Marks : 1

Drawing from the first paragraph, which of the following could weaken the importance of adding 4.1 million jobs to the economy as per the CSO report?

I. The report is silent about the majority of the workforce engaged in the informal sector.
II. The formal sector accounts for about 12-15% of India's workforce.
III. The estimates supplement the data on organised sector employment reported regularly by the Ministry of Labour and Employment.

Options :

1. ✖ Only I

2. ✖ Only II

3. ✔ Only I and II

4. ✖ Only II and III

Question Number : 38 Question Id : 998822348 Question Type : MCQ Option Shuffling : No
Correct Marks : 3 Wrong Marks : 1

Which of the following is a suitable gist of paragraph 3?

Options :

1. ✔ Social Security databases show which workers are signed up for the programs, either as entitlement or voluntary members, rather than listing them by their jobs.

2. ✖ The social security databases offer a list of workers and indicate the employment levels in the company.

3. ✖ Employees can enrol in social security schemes by reaching a number specified by the laws.

4. ✖ The official data is checked against the social schemes register to ensure accurate employment figures.

Question Number : 39 Question Id : 998822349 Question Type : MCQ Option Shuffling : No
Correct Marks : 3 Wrong Marks : 1

Which of the following is/are some features of the non-farm informal labour markets?

I. The non-farm informal labour markets have grown in recent decades.

II. Almost all workers are self-employed or engaged in unpaid labour.

III. Disguised employment is prevalent in the non-farm informal labour markets

Options :

1. ✖ Only II

2. ✖ Only III

3. ✖ Only I and II

4. ✔ Only I and III

Question Number : 40 Question Id : 998822350 Question Type : MCQ Option Shuffling : No
Correct Marks : 3 Wrong Marks : 1

Which of the following is/are true?

I. The Labour Bureau conducts household surveys like the annual Period Labour Force Survey.

II. The results of the Household Surveys point to a worsening employment situation.

III. The NSS conducts Unemployment Surveys (EUS) every two years.

Options :

1. ✖ Only I

2. ✔ Only II

3. ✖ Only I and III

4. ✖ Only II and III

Sub-Section Number :	3
Sub-Section Id :	99882215
Question Shuffling Allowed :	No

Question Id : 998822351 Question Type : COMPREHENSION Sub Question Shuffling Allowed : No Group Comprehension Questions : No Question Pattern Type : NonMatrix

Question Numbers : (41 to 45)

Reading Comprehension - 2

During the bleak winter months, when gardens lie dormant, and trees are bare, the vibrant green of houseplants can be a soothing balm for our spirits. Many people visit garden stores to reconnect with nature and breathe in the freshness that reminds them of spring.

With growing awareness about the harmful chemicals we introduce into our homes, like those from dry cleaning and various cleaners, there's an increasing need for plants that can improve indoor air quality. Many household products release chemicals such as formaldehyde, chlorine, and benzene, which can mimic allergy symptoms during winter when windows are shut. This reaction may stem from Multiple Chemical Sensitivity. Fortunately, research shows that certain houseplants can help filter these harmful substances, promoting a healthier living environment.

Ferns and palms are effective at removing chemicals from the air in homes. They release moisture during photosynthesis, drawing pollutants into their leaves. NASA has even found that palms can eliminate traces of formaldehyde quickly in controlled environments. Both plants are ancient, over a hundred million years old, and can live for 100 years or more. Their longevity and ability to grow tall (up to 65 feet) may enhance their environmental purifying qualities.

Sub questions

Question Number : 41 Question Id : 998822352 Question Type : MCQ Option Shuffling : No Correct Marks : 3 Wrong Marks : 1

What is the main idea of the passage?

Options :

1. ✖ Our houses are full of contaminants.

2. ✖ Any plant in the house is welcome.

3. ✖ All plants release moisture in the home.

4. ✔ Certain plants can purify the home of many harmful chemicals.

Question Number : 42 Question Id : 998822353 Question Type : MCQ Option Shuffling : No Correct Marks : 3 Wrong Marks : 1

According to the passage, when a few harmful chemicals combine, they can

Options :

1. ✖ cause us to experience allergies.

2. ✖ cause a monumental task for homeowners.

3. ✔ contribute to a syndrome called Multiple Chemical Sensitivity.

4. ✖ contribute to photosynthesis in plants

Question Number : 43 Question Id : 998822354 Question Type : MCQ Option Shuffling : No Correct Marks : 3 Wrong Marks : 1

The passage indicates that research

Options :

1. ✔ has only been conducted using specific plants.

2. ✖ has only been conducted by NASA.

3. ✖ has not identified the sources of these chemical impurities.

4. ✖ has only benefited long-term space exploration.

Question Number : 44 Question Id : 998822355 Question Type : MCQ Option Shuffling : No
Correct Marks : 3 Wrong Marks : 1
The passage infers a relationship between the antiquity of ferns and palms and their ability to
Options :
1. ✖ live long
2. ✔ purify the air
3. ✖ grow leaves that live long
4. ✖ react successfully in research experiments

Question Number : 45 Question Id : 998822356 Question Type : MCQ Option Shuffling : No
Correct Marks : 3 Wrong Marks : 1
A good title for this passage is
Options :
1. ✖ Research in the New Millennium
2. ✖ Home Dangers
3. ✔ Common Houseplants May Purify Your Home
4. ✖ Plant more trees

Sub-Section Number :	4
Sub-Section Id :	99882216
Question Shuffling Allowed :	No

Question Id : 998822357 Question Type : COMPREHENSION Sub Question Shuffling Allowed : No Group Comprehension Questions : No Question Pattern Type : NonMatrix
Question Numbers : (46 to 50)
Reading Comprehension – 3

Despite technological advances and sufficient food production, one in three people globally lacks access to proper nutrition, with around 800 million going to bed hungry each night. Poor diets are now the leading risk factor for global disease, surpassing the combined impacts of drugs, tobacco, and alcohol. Women and children are especially affected, with 156 million stunted children in the world, two-fifths of women anaemic, and millions facing malnutrition.
To address these issues, the third target of Sustainable Development Goal (SDG) 12 aims to halve global food waste and reduce losses along the supply chain. The Food and Agriculture Organisation estimates global food loss at $1 trillion, enough to feed those hungry, particularly in countries like India, which produces enough food for its population of 1.3 billion.

The SDGs have spotlighted food loss and waste, and we are beginning to see more attentive discussion on the subject. At the recently held Food Congress in Dusseldorf in early May 2017, the focus was on identifying possible solutions through better farming practices, the use of technology, better information, changes in consumer behaviour, etc. Estimates of "food waste and food loss" range between 30% and 50% for developed and emerging countries.

Due to poor infrastructure, food waste is prevalent at home in developed nations and during harvesting and transport in developing countries. In India, inadequate cold storage contributes to significant food loss, emphasising the need for investment in this area. This wastage squanders resources, depletes nutrition, and affects the economy, with a 40% food loss of about $7.5 billion. The Global Nutrition Report 2016 has highlighted India's overall tardy progress in addressing chronic undernutrition, manifest in stunting (low weight for age), wasting (low weight for height) and micronutrient deficiency or "hidden hunger".

India, home to a quarter of the world's undernourished, faces challenges in workforce productivity and economic potential. To enhance agricultural growth, India must increase investment in research, diversify crops, and adopt technological innovations. Addressing food loss through better infrastructure, information systems, and public-private partnerships is crucial for transforming the agricultural landscape and improving food security.
Sub questions

Question Number : 46 Question Id : 998822358 Question Type : MCQ Option Shuffling : No
Correct Marks : 3 Wrong Marks : 1
Target 3 for the Sustainable Development Goal (SDG) 12 is about
Options :
1. ✔ Food wastage
2. ✖ Education
3. ✖ Poverty
4. ✖ Terrorism

Question Number : 47 Question Id : 998822359 Question Type : MCQ Option Shuffling : No
Correct Marks : 3 Wrong Marks : 1
Consider the following statements regarding the recently held Food Congress

I. It was held in Mumbai

II. It is an Indian initiative for the world.
Which of the statements given above is/are correct?

Options :

1. ✖ Both are correct

2. ✖ II only

3. ✔ Neither I nor II

4. ✖ I only

Question Number : 48 Question Id : 998822360 Question Type : MCQ Option Shuffling : No Correct Marks : 3 Wrong Marks : 1

According to the passage, what is the reason behind the 'food loss' problem in emerging economies?

Options :

1. ✖ Supply chain problems

2. ✖ Storage problems

3. ✖ Poor infrastructure

4. ✔ All the above

Question Number : 49 Question Id : 998822361 Question Type : MCQ Option Shuffling : No Correct Marks : 3 Wrong Marks : 1

Which of the following is/are correct as an inference from the passage

I. Agricultural practices should be carried out traditionally to improve productivity.
II. Better infrastructure supports agricultural output

Options :

1. ✖ Only I

2. ✔ Only II

3. ✖ Both I and II

4. ✖ Neither I nor II

Question Number : 50 Question Id : 998822362 Question Type : MCQ Option Shuffling : No Correct Marks : 3 Wrong Marks : 1

What is 'Hidden Hunger'?

Options :

1. ✔ Micronutrient deficiency

2. ✖ Chronic Undernutrition

3. ✖ Stunting

4. ✖ Wasting

Quantitative Aptitude

Group Number :   2
Group Id :   9988228
Group Maximum Duration :   60
Group Minimum Duration :   60

Quantitative Aptitude

Section Id : 9988228
Section Number : 1
Section type : Online
Mandatory or Optional : Mandatory
Number of Questions : 50
Number of Questions to be attempted : 50
Section Marks : 150
Maximum Instruction Time : 0
Sub-Section Number : 1
Sub-Section Id : 99882217
Question Shuffling Allowed : Yes

Question Number : 51 Question Id : 998822363 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

A dataset consists of five observations: 19, 15, 24, 26 and x. If the median of the dataset is the same as the median of the three numbers: 24, 26, and x, then the mean of the dataset is

Options :

1. ✖ 24

2. ✖ 21

3. ✔ 21.6

4. ✖ None of these

Question Number : 52 Question Id : 998822364 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

Water flows at the rate of 5 km/hr through a pipe of diameter 14 cm into a rectangular tank that is 50 m long and 44 m wide. Determine the time in which the level of the water in the tank will rise by 7 cm. (Assume $\pi = 22/7$)

Options :

1. ✖ 0.5 hrs

2. ✖ 1 hr

3. ✔ 2 hrs

4. ✖ None of these

Question Number : 53 Question Id : 998822365 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

Consider the statement: "A point on the curve $y = x^2$ is equidistant from the points (-1,0) and (5,0)."

Options :

1. ✖ There are no such points.

2. ✖ There are only two such points

3. ✖ There are infinitely many such points

4. ✔ There is only one such point

Question Number : 54 Question Id : 998822366 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

In a potato race, a bucket is placed at the starting point, which is 5 m from the first potato, and the other potatoes are placed 3 m apart in a straight line. There are 20 potatoes in the line. Each competitor starts from the bucket, picks up the nearest potato, runs back with it, drops it in the bucket, runs back to pick up the next potato, runs to the bucket to drop it, and continues in the same way until all the potatoes are in the bucket. What is the total distance the competitor has to run?

Options :

1. ✔ 1340m

2. ✖ 1470m

3. ✖ 1140m

4. ✖ None of these

Question Number : 55 Question Id : 998822367 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

The sum of 30 terms of the series $\sqrt{2} + \sqrt{8} + \sqrt{18} + \sqrt{32} + \cdots$ is

Options :

1. ✔ $930/\sqrt{2}$

2. ✖ 465

3. ✖ $465/\sqrt{2}$

4. ✖ None of these

Question Number : 56 Question Id : 998822368 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

A train covered a certain distance at a uniform speed. If the train would have been 6 km/h faster, it would have taken 4 hrs less than the scheduled time. And, if the train were slower by 6 km/h, it would have taken 6 hrs more than the scheduled time. Find the distance covered by the train.

Options :

1. ✖ 180 kms

2. ✖ 360 kms

3. ✔ 720 kms

4. ✖ None of these

Question Number : 57 Question Id : 998822369 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

If one of the roots of the equation $x^2 + ax + 3a = 0$ is 1, then its other root is

Options :

1. ✖ -0.25

2. ✔ -0.75

3. ✖ 3

4. ✖ Will depend on the value of a

Question Number : 58 Question Id : 998822370 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

A factory kept increasing its output by the same percentage every year. Find the percentage if it is known that the output has doubled in the last two years. (assume $\sqrt{2} = 1.4142$)

Options :

1. ✔ 41.42

2. ✖ 50

3. ✖ 100

4. ✖ None of these

Question Number : 59 Question Id : 998822371 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

Two solid spheres made of the same metal have weights of 5920 gm and 740 gm. If the diameter of the smaller sphere is 5 cm, then the radius of the larger sphere will be

Options :

1. ✖ 10 cms

2. ✔ 5 cms

3. ✖ 7.5 cms

4. ✖ None of these

Question Number : 60 Question Id : 998822372 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

If $x = \sqrt[3]{28}$ and $y = \sqrt[3]{27}$, find the value of $x + y - \dfrac{1}{x^2 + xy + y^2}$

Options :

1. ✖ 3

2. ✔ 6

3. ✖ $2 + \sqrt[3]{28}$

4. ✖ None of these

Question Number : 61 Question Id : 998822373 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

If $1 + sin^2\theta = 3\ sin\ \theta\ cos\ \theta$, then $tan\ \theta$ can take values

Options :

1. ✔ 1, ½

2. ✖ 1,2

3. ✖ ½, 2

4. ✖ None of these

Question Number : 62 Question Id : 998822374 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

The ratio of alcohol to water in two containers, A and B, are 5:3 and 1:3, respectively, with both containers having infinite capacity. Suppose that the aim is to obtain 2.1 litre of liquid which is composed of equal quantities of alcohol and water. How much liquid should be drawn from A?

Options :

1. ✔ 1.4 litre

2. ✖ 1.05 litre

3. ✖ 0.35 litre

4. ✖ 1.1 litre

Question Number : 63 Question Id : 998822375 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 3 Wrong Marks : 1

Three women, Isha, Nisha, and Sudha, earn a monthly salary in the ratio 3:4:5. They also spend monthly in the ratio 3:5:6, saving the rest. If Sudha's savings are 1/6th of her income, what's the ratio of the three women's monthly savings?

Options :

1. ✔ 33:19:30

2. ✖ 0:1:1

3. ✖ -3:2:1

4. ✖ 3:2:1

Question Number : 64 Question Id : 998822376 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 3 Wrong Marks : 1

An exporter estimates with certainty that a 26% higher price for his product will decrease the volume of sales in a foreign market by 30%. After having to increase the price by 26%, the revenue obtained from sales in that market turned out to be INR 44.1 Cr. What would the revenue have been if the exporter had been allowed to sell at the old price?

Options :

1. ✖ Rs 55.57 Cr

2. ✔ Rs 50 Cr

3. ✖ Rs 63 Cr

4. ✖ Rs 45.86 Cr

Question Number : 65 Question Id : 998822377 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 3 Wrong Marks : 1

A parcel's shipping cost is proportional to the square of its volume in cubic meters. Suppose we break the parcel into 3 packages in the ratio 2:3:5 of its original volume, to qualify for lower shipping cost. If the savings are the equivalent of $\sqrt{6200}$ cubic meters, what was the original volume of the parcel?

Options :

1. ✖ 8.3 cubic meter

2. ✖ 10.8 cubic meter

3. ✖ 28 cubic meter

4. ✔ 10 cubic meter

Question Number : 66 Question Id : 998822378 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

Shalini got 30% of the maximum marks in an exam. She failed by 50 marks. Malini scored 40% of the maximum, and this score was 20 marks more than the pass mark. What is the pass mark?

Options :

1. ✖ 350

2. ✔ 260

3. ✖ 700

4. ✖ 100

Question Number : 67 Question Id : 998822379 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

One country's GDP is currently $600 billion and is growing at 10% per annum. Another country's GDP is $700 billion, while it is growing at 5% per annum. How many years will it take for the GDP of the 1st country to overtake the 2nd?

Options :

1. ✖ 3

2. ✔ 4

3. ✖ 6

4. ✖ 8

Question Number : 68 Question Id : 998822380 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

If $y > 0$, and $\log_{8y}(x) = 4$, $\log_{10y}(25x) = 2$ hold, what is y?

Options :

1. ✔ None of these

2. ✖ 4

3. ✖ 5

4. ✖ 10

Question Number : 69 Question Id : 998822381 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

Say $y = 3\sqrt{2} - 4$, find $y^2 + 1/y^2$.

Options :

1. ✖ 17/4

2. ✖ $51 - 12\sqrt{2}$

3. ✔ None of these

4. ✖ $137 - 96\sqrt{2}$

Question Number : 70 Question Id : 998822382 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

If $x^{1/12} = 49^{1/24}$, the value of x is:

Options :

1. ✖ 4

2. ✔ 7

3. ✖ 6

4. ✖ 5

Question Number : 71 Question Id : 998822383 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

If $360 = 2^x * 3^y * 5^z$, then x+y+z=?

Options :

1. ✔ 6

2. ✖ 7

3. ✖ 8

4. ✖ 10

Question Number : 72 Question Id : 998822384 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

A told B, "When I was as old as you are now, then your age was four years less than half of my present age". If the sum of the present ages of A and B is 61 years, what is B's present age in years?

Options :

1. ✖ 35

2. ✔ 25

3. ✖ 31

4. ✖ 24

Question Number : 73 Question Id : 998822385 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

By selling a cloth that is 33m long, a draper loses an amount equal to the selling price of 3m of cloth. What is his loss %?

Options :

1. ✖ 100/10

2. ✖ 100/11

3. ✔ 100/12

4. ✖ None of these

Question Number : 74 Question Id : 998822386 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 3 Wrong Marks : 1

The simple interest and compound interest on a certain sum for 2 years is INR 1250 and INR 1475, respectively. The rate of interest per annum (compounded annually) in percentage is:

Options :

1. ✖ 12

2. ✖ 24

3. ✔ 36

4. ✖ None of these

Question Number : 75 Question Id : 998822387 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 3 Wrong Marks : 1

If a boat takes 4 hours longer to travel a distance of 45 km upstream than to travel the same distance downstream, then find the speed of the boat in still water if the speed of the stream is 2 km/hour.

Options :

1. ✔ 7

2. ✖ 14

3. ✖ 10

4. ✖ 9

Question Number : 76 Question Id : 998822388 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 3 Wrong Marks : 1

A thief runs away from a police station with a uniform speed of 100m/minute. After 1 minute, a policeman runs behind the thief to catch him. He runs at a speed of 100m/min in the first minute and increases his speed by 10m/min in each succeeding minute. At the end of which minute, will the policeman be able to catch the thief?

Options :

1. ✖ 6

2. ✖ 7

3. ✖ 9

4. ✔ None of these

Question Number : 77 Question Id : 998822389 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 3 Wrong Marks : 1

A lift carrying 50 passengers from the ground floor of a 100-storeyed building is moving upwards. The lift stops at the 1st, 2nd, and 3rd floor, then skips the 4th floor, again stops at the 5th, 6th, and 7th, then skips the 8th floor, and so on. Passengers get discharged in a pattern. 2, 3, 3, 2, 3, 3….. On which floor does the lift become empty?

Options :

1. ✔ 25th floor

2. ✖ 28th floor

3. ✖ 23rd floor

4. ✖ None of these

Question Number : 78 Question Id : 998822390 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

Simplify the following: $1/\log_8(x) - 1/\log_7(x) + 1/\log_6(x) - 1/\log_5(x) + 1/\log_4(x) - 1/\log_3(x) + 1/\log_2(x)$

Options :

1. ✖ $\log_8 (16x/35)$

2. ✖ $\log_2 (5x/2)$

3. ✔ $\log_x (128/35)$

4. ✖ $\log_x (1/40320)$

Question Number : 79 Question Id : 998822391 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

What is the minimum number of times a fair coin must be tossed so that the probability of getting at least one head exceeds 0.95?

Options :

1. ✖ 2
2. ✖ 3
3. ✔ 5
4. ✖ 7

Question Number : 80 Question Id : 998822392 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

The zeroes of $ax^2 + bx + c = 0$ are in the ratio 1:2 (assume the coefficients to be non-zero). Which of these is one of the zeroes?

Options :

1. ✖ 2c/b
2. ✔ -3c/b
3. ✖ 3c/b
4. ✖ -c/2b

Question Number : 81 Question Id : 998822393 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 3 Wrong Marks : 1

The diameter of a solid sphere is 6 cm. If the sphere is melted and drawn into a wire of diameter 2 mm, the length of the wire will be

Options :

1. ✖ 12m

2. ✖ 18m

3. ✖ 24m

4. ✔ None of these

Question Number : 82 Question Id : 998822394 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 3 Wrong Marks : 1

Find the area of a trapezium whose parallel sides measure 25 cm and 13 cm, while the other two sides measure 15cm each.

Options :

1. ✖ $114\sqrt{21}$ sq. cm

2. ✖ 285 sq. cm

3. ✔ $57\sqrt{21}$ sq. cm

4. ✖ None of these

Question Number : 83 Question Id : 998822395 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 3 Wrong Marks : 1

What must be added to $x^4+2x^3-2x^2+x-1$ so that the result is exactly divisible by x^2+2x-3?

Options :

1. ✖ 2-x

2. ✖ x-1

3. ✖ $x^2 + x - 1$

4. ✔ None of these

Question Number : 84 Question Id : 998822396 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 3 Wrong Marks : 1

If $x^2 + \frac{1}{x^2} = 83$ and $x > 1$, then the value of $x^3 - \frac{1}{x^3}$ is

Options :

1. ✖ 81

2. ✔ 756

3. ✖ 729

4. ✖ None of these

Question Number : 85 Question Id : 998822397 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

The pair of tangents drawn from an external point to a circle are perpendicular to each other and the length of each tangent (from the point to the circle) is 5 cm. The radius of the circle is

Options :

1. ✖ 10 cms

2. ✖ $5/\sqrt{2}$ cm

3. ✔ 5 cms

4. ✖ 2.5cms

Question Number : 86 Question Id : 998822398 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

If a pole 6 m high casts a shadow $2\sqrt{3}$ m long on the ground, then the sun's elevation is

Options :

1. ✔ 60°

2. ✖ 45°

3. ✖ 30°

4. ✖ None of these

Question Number : 87 Question Id : 998822399 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

sin θ/(1+ cos θ) is equal to

Options :

1. ✖ (1+ cos θ)/sin θ

2. ✖ (1- cos θ)/cos θ

3. ✔ (1- cos θ)/sin θ

4. ✖ (1- sin θ)/cos θ

Question Number : 88 Question Id : 998822400 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

If the radii of two concentric circles are 4 cm and 5 cm, then the length of a chord of one circle that is tangent to the other circle is

Options :

1. ✔ 6 cms

2. ✖ 3 cms

3. ✖ 1 cm

4. ✖ 9 cms

Question Number : 89 Question Id : 998822401 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

If one angle of a triangle is equal to the sum of the other two angles, then the triangle must be

Options :

1. ✖ an isosceles triangle

2. ✖ an obtuse triangle

3. ✖ an equilateral triangle

4. ✔ a right-angled triangle

Question Number : 90 Question Id : 998822402 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

If one angle of a parallelogram is 24º less than twice its adjacent angle, then the largest angle of the parallelogram is

Options :

1. ✖ 68º

2. ✖ 102º

3. ✔ 112º

4. ✖ 136º

Question Number : 91 Question Id : 998822403 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

The average of any 4 consecutive odd positive integers, where the 1st number is a multiple of 3, must be divisible by which of these?

Note: For this question, discrepancy is found in question/answer. Full Marks is being awarded to all candidates.

Options :

1. 2

2. 3

3. 4

4. 6

Question Number : 92 Question Id : 998822404 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 3 Wrong Marks : 1

Let A = {a, b, c, d, e}. The no. of subsets that contain exactly 3 of these elements are?

Options :

1. ✔ 10

2. ✖ 20

3. ✖ 60

4. ✖ 5

Question Number : 93 Question Id : 998822405 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 3 Wrong Marks : 1

3 bells ring at intervals of 3hrs, 4hrs and 16hrs respectively. If they have rung together once today, what day in the future will they ring together next?

Options :

1. ✖ 5 days hence

2. ✖ tomorrow

3. ✖ 3 days hence

4. ✔ day after tomorrow

Question Number : 94 Question Id : 998822406 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 3 Wrong Marks : 1

If p, q, and r are in geometric progression, which of the following is true about qr, pr, and pq?

Options :

1. ✖ they are in arithmetic progression

2. ✔ they are in geometric progression

3. ✖ they are in harmonic progression

4. ✖ None of these

Question Number : 95 Question Id : 998822407 Question Type : MCQ Option Shuffling : Yes

Correct Marks : 3 Wrong Marks : 1

There is a 4-in-5 chance that A can complete the marathon. There is a 5-in-8 chance that B can't complete the marathon, which is independent of A's performance. What is the probability that both A and B end up completing?

Options :

1. ✖ 0.46875

2. ✖ 0.78125

3. ✔ 0.3

4. ✖ 0.5

Question Number : 96 Question Id : 998822408 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

What's the area of the quadrilateral included inside the points: (-1, 2), (-1, 4), (7, 2), (7, 4)?

Options :

1. ✖ 14 sq.units

2. ✔ 16 sq.units

3. ✖ None of these

4. ✖ 8 sq.units

Question Number : 97 Question Id : 998822409 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

If n <= 4 and 2 <= m <= n <= 5, then what is the greatest possible value of (n - m)(n + m)?

Options :

1. ✖ 9

2. ✖ 21

3. ✔ 12

4. ✖ None of these

Question Number : 98 Question Id : 998822410 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

8% of boys in a class made it past the 90th percentile, while 12% of the girls in the same class made it past that mark. Suppose there are 120 students in this class: what is the number of boys?

Note: For this question, discrepancy is found in question/answer. Full Marks is being awarded to all candidates.

Options :

1. 60

2. 50

3. 40

4. None of these

Question Number : 99 Question Id : 998822411 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

Coins of INR 2, 5, and 10 denominations are in a bag in the ratio of 30:20:10, of which the INR 5 coins amount to INR 250. What is the total value of coins in the bag?

Options :

1. ✔ INR 650

2. ✖ INR 260

3. ✖ INR 875

4. ✖ INR 850

Question Number : 100 Question Id : 998822412 Question Type : MCQ Option Shuffling : Yes
Correct Marks : 3 Wrong Marks : 1

A trader declares that he will sell his commodity at 10% profit over his cost price. However, he alters his weighing balance to sell 10% less to each customer. What is his true profit margin in percent?

Options :

1. ✖ 10
2. ✔ 22.22
3. ✖ 20
4. ✖ 33.33