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Memory Based Paper
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100 Questions

Que. 1 **Direction:** Read the following information carefully and answer the questions based on given information.

Six authors U, V, W, X, Y and Z were honoured in an award ceremony in six different months January, March, April, June, August and September and honoured for their novels which are Animal Farm, Beloved, Moby-Dick, Jane Eyre, Little Women and The Alchemist. No two persons were honoured in the same month. All the given information is not necessarily in same order. Z was honoured three months after V. The person who wrote The Alchemist was honoured three months after the one who wrote Jane Eyre. Only three persons were honoured between the authors of Moby-Dick and Animal Farm. W was honoured just before the author of Beloved but was not the author of Moby-Dick. The author of Little Women honoured in the month which has even number of days. X was honoured before U. The author of Animal Farm was honoured after the Z. Neither Animal Farm nor Beloved written by U. X was not the first author to be honoured.

Who among the following is the author of the novel The Alchemist?

1. X
2. U
3. W
4. V
5. Y

Correct Option - 2

Que. 2 Find the odd one out.

1. V
2. The author of Jane Eyre.
3. The author of Animal Farm.
4. Y
5. W

Correct Option - 4

Que. 3 Who among the following was honoured one month after U?

1. V
2. W
3. X
4. Y
5. None of these

Correct Option - 5

Que. 4 Who among the following author honoured four months after the author of Little Women?

1. X
2. V
3. W
4. Y
5. U

Correct Option - 3

Que. 5 Which of the following statement(s) is/are correct?

- A) W was honoured just one month before Y.
B) Only two persons were honoured between W and X.
C) X was honoured after the author of Beloved.

1. Only C
2. Only A
3. Both B and C
4. All of these
5. Both A and B

Correct Option - 5

Que. 6 **Directions:** In the question below are given two statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read both the conclusions and then decide which of the given conclusions logically **does not follow** from the given statements disregarding commonly known facts.

Statements:

Some Cars are Trucks.

All Trucks are Trains.

Conclusions:

I. Some Cars are Trains.

II. Some Cars are not Trains.

1. Only conclusion I.
2. Either conclusion I or II.
3. Both conclusion I and II.
4. Neither conclusion I nor II.
5. Only conclusion II.

Correct Option - 5

Que. 7 **Directions:** In the question below are given two statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read both the conclusions and then decide which of the given conclusions logically **does not follow** from the given statements disregarding commonly known facts.

Statements:

Some TVs are Laptops.
Some Laptops are Mobiles.

Conclusions:

- I. No Mobile is TV.
- II. All Mobile are TV.

- 1. Either conclusion I or II.
- 2. Neither conclusion I nor II.
- 3. Both conclusion I and II.
- 4. Only conclusion I.
- 5. Only conclusion II.

Correct Option - 3

Que. 8 **Directions:** In the question below are given two statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read both the conclusions and then decide which of the given conclusions logically **does not follow** from the given statements disregarding commonly known facts.

Statements:

All Shirts are Jeans.
No Shirt is T - Shirt.

Conclusions:

- I. Some Jeans are T - Shirts.
- II. Some Jeans are not T - Shirts.

- 1. Only conclusion I
- 2. Both conclusion I and II
- 3. Only conclusion II
- 4. Neither conclusion I nor II
- 5. Either conclusion I or II

Correct Option - 1

Que. 9 **Direction:** Read the following information carefully and answer the questions based on given information.

Fourteen persons sit on the two parallel rows in such a way so that seven persons can sit in each row. Seven persons from A to G sit on row 1 and faces towards South direction and seven persons from N to T sit on row 2 and faces towards North direction but not necessarily in same order. G sits third to the right of the one who faces T. Two persons sit between F and E. No one sits to the right of B. Q sits second to the right of the one who faces C who sits adjacent to A. At least three persons sit between T and P. O and S sits adjacent to each other and either of them faces G. B faces P. E sits to the left of C but not at extreme end. R sits to the left of T but not adjacent to S. The number of persons sit to the left of G is more than that of to the right of him.

Which of the following statement(s) is/are incorrect?

- A) O does not sit opposite to G.
- B) R sits immediate left to T.



C) Q sits fourth to the left of R.

1. Both A and B
2. Only A
3. Only C
4. Both A and C
5. None of these

Correct Option - 3

Que. 10 Which of the following statement(s) is/are correct regarding D?

1. D sits immediate right to E.
2. N faces D.
3. D sits second to the left of C.
4. D sits extreme right end.
5. None of these

Correct Option - 3

Que. 11 How many persons sit between S and the one who sits opposite to E?

1. One
2. None
3. Two
4. Three
5. Four

Correct Option - 4

Que. 12 Find the odd one out.

1. GS
2. OF
3. CT
4. EN
5. AQ

Correct Option - 5

Que. 13 Who sits second to the left of the person who faces A?

1. P
2. Q
3. S
4. R

5. T

Correct Option - 3

Que. 14 How many pairs of letters are there in the word "PREPOSTEROUS" which have as many letters between them as in the English alphabetical series (both in forward and backward directions) ?

1. Two
2. Five
3. Three
4. Six
5. Seven

Correct Option - 5

Que. 15 **Direction:** Read the following information carefully and answer the questions based on given information.

Seven friends D, K, M, O, R, S and Y decided to plan a trip in three different cities which are Mumbai, Kolkata and Bangalore and likes to wear different colours shirt that is Black, Blue, Orange, Pink, Purple, Red and White but not necessarily in same order. At least two persons make a trip of a city but not more than three person plans to make a trip for the same city. D and the person who likes to wear Pink colour shirt plan for a trip for the same city. K and M plans for the trip for different cities but none of them plans for Bangalore. Either D or M likes Red colour shirt. R likes to wear Black colour shirt and decided to go with only one person. S and the person who likes White colour shirt plans trip for the same city but not Mumbai. D does not like to wear White colour shirt. The person who likes Blue colour shirt plans trip to the Bangalore. Neither K nor Y likes Pink colour and Red colour shirt. M and Y plans trip for the same city. The person who likes Purple colour shirt does not make trip with R.

Which of the following statement(s) is/are correct?

- A) Y likes Purple colour shirt.
B) S and K plans trip for the different cities.
C) D likes Blue colour shirt.

1. Only A
2. Both A and B
3. Only B
4. Both B and C
5. Both A and C

Correct Option - 4

Que. 16 Who among the following makes a trip for the same city as of the person who likes Black colour?

1. M
2. The one who likes to wear Red colour shirt.
3. K
4. The one who likes to wear Orange colour shirt.

5. Both 3 and 4

Correct Option - 5

Que. 17 Find the odd one out.

1. K
2. R
3. O
4. D
5. Y

Correct Option - 5

Que. 18 Who likes Purple colour shirt?

1. Y
2. K
3. S
4. M
5. D

Correct Option - 3

Que. 19 The person who likes Orange colour shirt plans to make a trip for which city?

1. Mumbai
2. Kolkata
3. Bangalore
4. Either Mumbai or Bangalore
5. Either Bangalore or Kolkata

Correct Option - 1

Que. 20 **Direction:** Read the following information carefully and answer the questions based on given information.

In an eight member family, L is the daughter – in – law of P. X is the uncle of F who is the grandchild of J. V is not the spouse of P. J is the father – in – law of R. P is the mother of H. R and X are not siblings. F is the niece of H. X is the only son of V. Both H and R have same gender.

How is L related to V?

1. Sister
2. Daughter - in - law
3. Daughter
4. Niece
5. Aunt

Correct Option - 3

Que. 21 Find the odd one out.

1. J
2. X
3. R
4. H
5. V

Correct Option - 5

Que. 22 How is H related to R?

1. Sister
2. Brother - in - law
3. Father
4. Brother
5. Can not be determined

Correct Option - 4

Que. 23 Five letter clusters have been given, out of which three are alike in some manner, while one is different. Select the odd letter cluster.

1. AEKS
2. HLRZ
3. MQWE
4. LPVB
5. FJPX

Correct Option - 4

Que. 24 If it is possible to make a four letters meaningful word from the first, fifth, seventh and eleventh letters of the word "PANDEMONIUM", then which of the following is the third letter of the word so formed? If more than one such word can be made, then give "X" as the answer, and if no such word can be formed then give "Z" as the answer.

1. O
2. E
3. P
4. Z
5. X

Correct Option - 5

Que. 25 **Direction:** Read the following information carefully and answer the questions based on given information.

Eight persons D, I, L, N, O, Q, S and T live in a four storey apartment such that floor 1 is immediately below the floor 2 which is immediately below floor 3 which is immediately below floor 4. Each floor consists of two flats Flat A and Flat B such that Flat A is in west of Flat B and Flat A of Floor 1 is immediately below Flat A of Floor 2 and so on same for Flat B. N lives above the floor of D. I does not live to the south of L. S and Q lives on different floor and different flats but on even number floors. There is only one floor between I and O. L lives to the northeast of T. No one lives to the east of N. O and D lives on adjacent floor. I lives below the floor of Q who lives above the floor of L.

Who lives just below the flat of Q?

1. L
2. I
3. O
4. D
5. T

Correct Option - 2

Que. 26 Find the odd one out.

1. NI
2. QL
3. IS
4. DO
5. TO

Correct Option - 5

Que. 27 Who lives to the east of N?

1. Q
2. N
3. D
4. I
5. None

Correct Option - 5

Que. 28 Which of the following statement(s) is/ are correct regarding L?

1. L lives below S.
2. O lives on the same floor with L.
3. I and L lives on the different floors.
4. D lives to the southwest of L.
5. All are correct

Correct Option - 4

Que. 29 Which of the following statement(s) is/ are correct?

- A) Q lives on Flat A in second floor.
- B) S lives to the west of D.
- C) Q and N lives on the same floor.

1. Only C
2. Both A and B
3. Both A and C
4. Neither A nor B
5. More than one option.

Correct Option - 5

Que. 30 **Direction:** Read the following information carefully and answer the questions based on given information.

Eight files G, J, K, N, R, S, T and U are arranged from left to right but not necessarily in same order. File T is placed before the file J but after the file K. File U is placed before the file G. File R is placed before the files G and S. File N is placed before the file K which is placed immediately before file R. Only two files are placed after the file J. The number of files placed before the file K is equivalent to the number of files placed after file G. Not more than three files placed after the file U.

Which file is placed at right end?

1. File G
2. File U
3. File S
4. File T
5. File R

Correct Option - 3

Que. 31 Which of the following statement(s) is/are true?

1. File N is placed just after file T.
2. More than two files are placed before the file R.
3. At least three files are placed after the file K.
4. File T and file U placed immediate next to each other.
5. More than one option.

Correct Option - 5

Que. 32 How many files are placed after file T?

1. One

2. None
3. Four
4. Three
5. Five

Correct Option - 3

Que. 33 **Direction:** Read the following information carefully and answer the questions based on given information.

A person starts walking from the park towards North direction after walking 4 Km he reaches at point A. From here, he takes a right turn and walks for 6 Km and reaches at point B. Then he takes a left turn and walks for 5 km to reach at point C. Again he takes a left turn and after walking 3 Km he reaches at point D. Now he takes another left turn by walking 2 Km he reaches at point E. After that he takes a right turn and walks for 4 Km to reach at point F. Finally he takes a right turn and after walking for 3 Km he reached at point G.

Which of the following statement(s) is/ are true?

1. Point D is in Northeast to the point F.
2. Point A , Point B and point G are in straight line.
3. Point B is in northwest to the point G.
4. Point F is in North direction to point B.
5. Point C is in Northwest direction to point A.

Correct Option - 2

Que. 34 What is the shortest distance between point E and point G?

1. 7 Km
2. 9 Km
3. 5 Km
4. 2 Km
5. 3 Km

Correct Option - 3

Que. 35 What is the direction of point G with respect to point B?

1. Northeast
2. Southwest
3. Southeast
4. East
5. West

Correct Option - 4

Que. 36 **Directions:** In each of the questions below, four sentences are given that may or may not contain an error. Choose the one that is grammatically as well as contextually correct and meaningful. If



all the sentences are correct, mark 'All are correct as your answer'.

1. The Prime Minister and the Chief Minister has expressed grief over the loss of lives due to the bus accident in Jammu and Kashmir.
2. Going to court can be a expensive, time-consuming, and gut-wrenching experience that is best avoided.
3. The Minister was visibly upset when he heard the sad news of his debacle in the election.
4. He was neither ancient nor ugly, with familiar dark eyes and hairs and roughly hewn features.
5. All are correct.

Correct Option - 3

Que. 37 **Directions: In each of the questions below, four sentences are given that may or may not contain an error. Choose the one that is grammatically as well as contextually correct and meaningful. If all the sentences are correct, mark 'All are correct as your answer'.**

1. If we have taken a taxi, we wouldn't have missed the plane.
2. Improving the physical educational system, which is one of the worst in the world, requires commitment from the country's politicians.
3. People of my generation who lived through World War II have vividly memories of confusion and incompetence.
4. John has also been honored by the University of Chicago as a distinguished alumni in 2002.
5. All are correct.

Correct Option - 2

Que. 38 **Directions: In the given question below, four sentences are given that may or may not contain an error. Choose the one that is grammatically as well as contextually correct and meaningful. If all the sentences are correct, mark "All are correct" as your answer.**

1. The last bus has left at midnight every day.
2. He told me how scared he was of being on his own.
3. Where is he? I am waiting for him since three o'clock!
4. You should practice so that you do not lost the match.
5. All are correct

Correct Option - 2

Que. 39 **Directions: In the following passage, certain words have been given in a jumbled manner and numbered from A to E. Choose the option which should replace the word in bold to form a contextually and grammatically meaningful paragraph.**

Near the end of June 2021, security officers in the UAE **accusations (A)** the residential buildings in Abu Dhabi to arrest about 700 African migrants. The workers were cuffed during the first two weeks of their **abuse (B)** and besides being subjected to racial slurs and physical abuse, they were also refused access to basic medical aid such as sanitary pads to women. Impact International and Euro-Mediterranean Human Rights Monitor released a report detailing the **raided (C)** of racially motivated human rights violations. According to the report, more than a dozen female African workers arrested were **subjected (D)** to sexual harassment by the officers who raided their houses and touched their private parts while they were asleep in their nightwear during the raid. Some of these African migrants worked as waiters, assistant nurses, teachers, oil and gas contractors, nannies, etc. More



than 20 people went on record to share their testimonies about the **detention (E)** by UAE officials against them and their fellow workers from Cameron, Uganda, and Nigeria on the night of the raid.

Which of the following would replace (A)?

- 1. B
- 2. D
- 3. C
- 4. E
- 5. No change required

Correct Option - 3

Que. 40 Which of the following would replace (B)?

- 1. A
- 2. E
- 3. D
- 4. C
- 5. No change required

Correct Option - 2

Que. 41 Which of the following would replace (C)?

- 1. D
- 2. B
- 3. A
- 4. E
- 5. No change required

Correct Option - 3

Que. 42 Which of the following would replace (D)?

- 1. A
- 2. B
- 3. C
- 4. E
- 5. No change required

Correct Option - 5

Que. 43 Which of the following would replace (E)?

- 1. C
- 2. D

3. A
4. B
5. No change required

Correct Option - 4

Que. 44 Directions: In the following sentence, four words, marked as A, B, C, and D, are given in bold, out of which one word may or may not be misspelt. Identify the misspelt word and mark it as your answer. If all the highlighted words are correctly spelt, mark "All are correctly spelt" as your answer.

The **ostentatious** (A) display of wealth at the gala was perceived as **tasteless** (B) by many, overshadowing the evening's **philanthropic** (C) purpose and **benevolence** (D).

1. A
2. B
3. C
4. D
5. All are correctly spelt

Correct Option - 3

Que. 45 Directions: In the following sentence, four words, marked as A, B, C, and D, are given in bold, out of which one word may or may not be misspelt. Identify the misspelt word and mark it as your answer. If all the highlighted words are correctly spelt, mark "All are correctly spelt" as your answer.

The politician's **egregious** (A) actions and **flagrant** (B) disregard for ethics were **meticulously** (C) documented by the media, causing his public image to rapidly **detariorate** (D).

1. A
2. B
3. C
4. D
5. All are correctly spelt

Correct Option - 4

Que. 46 Directions: In the following sentence, four words, marked as A, B, C, and D, are given in bold, out of which one word may or may not be misspelt. Identify the misspelt word and mark it as your answer. If all the highlighted words are correctly spelt, mark "All are correctly spelt" as your answer.

The scientist's **astounding** (A) discovery unveiled a previously **impercievable** (B) aspect of **quantum** (C) mechanics, **revolutionizing** (D) the field entirely.

1. A
2. B
3. C
4. D
5. All are correctly spelt

Correct Option - 2

Que. 47 Directions: In the following sentence, four words, marked as A, B, C, and D, are given in bold, out of which one word may or may not be misspelt. Identify the misspelt word and mark it as your answer. If all the highlighted words are correctly spelt, mark "All are correctly spelt" as your answer.
Her **unfathomable** (A) intellect and **penchant** (B) for solving **esotheric** (C) puzzles left her peers in constant awe and **reverence** (D).

1. A
2. B
3. C
4. D
5. All are correctly spelt

Correct Option - 3

Que. 48 Directions: In the following sentence, four words, marked as A, B, C, and D, are given in bold, out of which one word may or may not be misspelt. Identify the misspelt word and mark it as your answer. If all the highlighted words are correctly spelt, mark "All are correctly spelt" as your answer.
The **insightful** (A) professor's **erudition** (B) and **intelect** (C) were indisputable, but his **dogmatic** (D) approach left little room for debate.

1. A
2. B
3. C
4. D
5. All are correctly spelt

Correct Option - 3

Que. 49 Directions: Select the phrase from the options below that should replace the underlined phrase in the sentence to make it grammatically and contextually correct. If the sentence is already correct, select 'No correction required' as your answer.

Legislators and regulators around the world are discussing how to respond to risk of elections was manipulated digitally.

1. risking of elections being
2. risks of election be
3. risk of elections being
4. risked of election is
5. No correction required

Correct Option - 3

Que. 50 Directions: Select the phrase from the options below that should replace the underlined phrase in the sentence to make it grammatically and contextually correct. If the sentence is already correct, select 'No correction required' as your answer.

The dog enjoys chasing squirrels, lounging in the sun, and taking long walks in the park during his free time.

1. will take long walks
2. taking long walk
3. take long walk
4. take long walks
5. no correction required

Correct Option - 5

Que. 51 **Directions:** Select the phrase from the options below that should replace the underlined phrase in the sentence to make it grammatically and contextually correct. If the sentence is already correct, select 'No correction required.' as your answer.

She likes to watch movies, go for long walks in the park, and to cook dinner with her friends on weekends.

1. to cook dinner with her friends on weekends
2. cook dinner with her friends on weekends
3. cooking dinner with her friends on weekends
4. will cook dinner with her friends on weekends
5. no correction required

Correct Option - 2

Que. 52 **Directions:** Select the phrase from the options below that should replace the underlined phrase in the sentence to make it grammatically and contextually correct. If the sentence is already correct, select 'No correction required' as your answer.

They plan to visit Paris, explore the louvre, and to eat at a fancy restaurant during their trip.

1. to eat at a fancy restaurants
2. eat at a fancy restaurant
3. eating at a fancy restaurant
4. will eat at a fancy restaurant
5. no correction required

Correct Option - 2

Que. 53 **Read the passage given below and then answer the questions given below the passage.**

The world will be transformed. By 2050, we will be driving electric cars and flying in aircraft running on synthetic fuels produced through solar and wind energy. New energy-efficient technologies, most likely harnessing artificial intelligence, will dominate nearly all human activities from farming to heavy industry. The fossil fuel industry will be in the final stages of a terminal decline. Nuclear fusion and other new energy sources may have become widespread. Perhaps our planet will even be orbited by massive solar arrays capturing cosmic energy from sunlight and generating seemingly endless energy for all our needs.

That is one possible future for humanity. It's an optimistic view of how radical changes to energy production might help us slow or avoid the worst outcomes of global warming. In a report from 1965, scientists from the US government warned that our ongoing use of fossil fuels would cause global warming with potentially disastrous consequences for Earth's climate. The report, one of the first government-produced documents to predict a major crisis caused by humanity's large-scale activities, noted that the likely consequences would include higher global



temperatures, the melting of the ice caps and rising sea levels. ‘Through his worldwide industrial civilisation,’ the report concluded, ‘Man is unwittingly conducting a vast geophysical experiment’ – an experiment with a highly uncertain outcome, but clear and important risks for life on Earth.

Since then, we’ve dithered and doubted and argued about what to do, but still have not managed to take serious action to reduce greenhouse gas emissions, which continue to rise. Governments around the planet have promised to phase out emissions in the coming decades and transition to ‘green energy’. But global temperatures may be rising faster than we expected: some climate scientists worry that rapid rises could create new problems and positive feedback loops that may accelerate climate destabilisation and make parts of the world uninhabitable long before a hoped-for transition is possible.

Despite this bleak vision of the future, there are reasons for optimists to hope due to progress on cleaner sources of renewable energy, especially solar power. Around 2010, solar energy generation accounted for less than 1 per cent of the electricity generated by humanity. But experts believe that, by 2027, due to falling costs, better technology and exponential growth in new installations, solar power will become the largest global energy source for producing electricity. If progress on renewables continues, we might find a way to resolve the warming problem linked to greenhouse gas emissions. By 2050, large-scale societal and ecological changes might have helped us avoid the worst consequences of our extensive use of fossil fuels.

According to the passage, by 2050, the world may be powered predominantly by _____ energy sources, including synthetic fuels and solar arrays in space.

1. fossil
2. geothermal
3. renewable
4. hydraulic
5. nuclear

Correct Option - 3

Que. 54 Based on the information in the passage, what can be inferred about the potential future challenges in transitioning to renewable energy sources by 2050?

1. The transition to renewable energy will be smooth and free from any obstacles.
2. Governments have already implemented all necessary measures to ensure a successful transition to renewable energy.
3. The transition to renewable energy may face difficulties due to potential rapid rises in global temperatures and their effects.
4. Renewable energy technology will become obsolete before it can significantly impact global warming.
5. Fossil fuel use will completely disappear by 2027.

Correct Option - 3

Que. 55 According to the passage, which of the following statements is incorrect?

- A) The transition to green energy includes the use of hydrogen and synthetic hydrocarbon fuels.
- B) By 2050, the passage suggests that the worst consequences of prolonged fossil fuel use might be avoided through expedited renewable energy progress.
- C) The passage claims that synthetic hydrocarbon fuels will completely replace all other forms of energy by 2030.

1. Only A



2. Only B
3. Only C
4. Both A and C
5. All of the above

Correct Option - 3

Que. 56 According to the passage, which of the following statements is incorrect?

- A) There is optimism about the progress in renewable energy technology.
- B) The passage indicates that the successful deployment of renewable energy technologies requires no further governmental intervention or support.
- C) Potential positive feedback loops of climate change represent a significant concern in the passage.

1. A, B and C
2. Only B
3. Both A and C
4. Only A
5. None of the above

Correct Option - 2

Que. 57 Based on the tone and thematic elements present in the passage, which of the following best describes the author's outlook on the future of renewable energy?

1. Pessimistic and skeptical
2. Optimistic and hopeful
3. Indifferent and neutral
4. Alarmist and fearful
5. Confused and uncertain

Correct Option - 2

Que. 58 What two types of alternative energy sources does the passage mention as part of the transition to green energy?

1. Biomass and geothermal
2. Solar and wind
3. Hydrogen and synthetic hydrocarbon fuels
4. Nuclear and tidal
5. Hydropower and wave energy

Correct Option - 2

Que. 59 According to the passage, what is the timeframe mentioned by which the worst consequences of prolonged fossil fuel use might be avoided?

1. By 2030

2. By 2040
3. By 2050
4. By 2060
5. By 2070

Correct Option - 3

Que. 60 Which of the following is implied as necessary for the successful deployment of renewable energy technologies according to the passage?

1. Unrestricted private sector investment
2. Complete reliance on existing technologies
3. Continued governmental intervention and support
4. Abandonment of fossil fuels without transition period
5. Global economic stagnation

Correct Option - 3

Que. 61 **Directions:** Given below are five scattered segments of a sentence. Indicate the correct sequence which correctly assembles the segments and completes the sentence.

- A. fortifies our emotional foundation,
B. embracing authenticity and gratitude
C. and insatiable desires, revealing true security
D. lies in appreciating what we possess
E. fostering resilience against comparison

1. ABDEC
2. CBEDA
3. BAECD
4. AEBCD
5. CBAED

Correct Option - 3

Que. 62 **Directions:** Given below are five scattered segments of a sentence. Indicate the correct sequence that correctly assembles the segments and makes a coherent sentence.

- A) and most crew were safely evacuated
B) a Japan Airlines plane caught fire
C) at Tokyo's Haneda Airport
D) after colliding with a Coast Guard aircraft,
E) leading to a fiery explosion, yet all passengers

1. CDEAB
2. EBCAD
3. BCDEA
4. DAECB
5. BEACD

Correct Option - 3

Que. 63 **Directions: Given below are five scattered segments of a sentence. Indicate the correct sequence that correctly assembles the segments and makes a coherent sentence.**

- A) emphasizing the need for balance
- B) in navigating our online lives amid
- C) societal addiction to instant gratification
- D) excessive digital consumption echoes
- E) the law of diminishing marginal utility,

- 1. BCDEA
- 2. ACBED
- 3. DEABC
- 4. CDEAB
- 5. ADECB

Correct Option - 3

Que. 64 **Directions: Given below are five scattered segments of a sentence. Indicate the correct sequence that correctly assembles the segments and makes a coherent sentence.**

- A) private-sector TB notifications in India
- B) highlights the substantial gap in
- C) identifying and treating TB cases,
- D) especially in the private healthcare sector
- E) the disparity between targeted and achieved

- 1. EABCD
- 2. ADECB
- 3. EBCAD
- 4. ACBED
- 5. CEBDA

Correct Option - 1

Que. 65 **Directions: Given below are five scattered segments of a sentence. Indicate the correct sequence that correctly assembles the segments and makes a coherent sentence.**

- A) scientists aim to improve neural network efficiency
- B) by integrating memory and processing units,
- C) 400,000 times more energy-efficient
- D) that explore live brain cell networks,
- E) than silicon chip-based AI hardware

- 1. ECBAD
- 2. ABDCE
- 3. EACBD
- 4. CDEAB
- 5. DBECA

Correct Option - 2

Que. 66 What approximate value should come in place of the question mark (?) in the following question?

$$(?) \times 17.93 - 23^2 + \sqrt{624} = 428 - 195$$

1. 41
2. 42
3. 53
4. 44
5. 51

Correct Option - 1

Que. 67 What approximate value should come in place of the question mark (?) in the following question?

$$189.84 + 327.11 - 215.96 + 4.98 = 9 \times ?$$

1. 32
2. 45
3. 28
4. 34
5. 41

Correct Option - 4

Que. 68 What approximate value should come in place of the question mark (?) in the following question?

$$18.45^2 + \sqrt[3]{(729.08)} + 89.32 = ?^2 - 42.99$$

1. 8
2. 12
3. 15
4. 19
5. 22

Correct Option - 5

Que. 69 What approximate value should come in place of the question mark (?) in the following question?

$$(49.95 \times 12.12) - (19.98 \times 7.95) - (1.98 \times 60.05) = ?$$

1. 350
2. 320
3. 400

- 4. 460
- 5. 500

Correct Option - 2

Que. 70 What approximate value should come in place of the question mark (?) in the following question?

$(1845.89 + 3126.47 - 1280.35) \div 5.25 \times 3 = ? + 187.263$

- 1. 1450.5
- 2. 1532.7
- 3. 1618.9
- 4. 1724.3
- 5. 1922.5

Correct Option - 5

Que. 71 A boat takes 3 hours more to travel 300 km upstream than to travel 280 km downstream. If the speed of the current is 14.28% of the speed of the boat, what is the speed of the boat in still water?

- 1. 10 km/hr
- 2. 15 km/hr
- 3. 35 km/hr
- 4. 27 km/hr
- 5. None of these

Correct Option - 3

Que. 72 A, B, and C started a business. A invested Rs. x, B invested Rs. (x+1000), and C invested Rs. 8000. Their investments were for 5 months, 5 months, and 12 months respectively. If the total profit at the end of the year was Rs. 3800 and the profit share of B was Rs. 500,

- 1. Rs. 2150
- 2. Rs. 2250
- 3. Rs. 2350
- 4. Rs. 2450
- 5. Rs. 2550

Correct Option - 2

Que. 73 **Directions:** Study the following information carefully and answer the questions.

The given table DI shows the total number of passengers (male and female) who travelled in trains A and B, as well as the number of passengers who travelled in train A.

Days	Total number of passengers who travelled in trains A and B together	Out of the total number of passengers, the fraction of passengers who travelled by train A
------	---	--

Monday	165	7/11
Tuesday	135	2/5
Wednesday	180	8/15
Thursday	144	3/8

The number of female passengers who travelled in train B on Thursday is 25% more than the number of male passengers who travelled in the same train on the same day. Find the number of male passengers in train B on Thursday.

- 1. 55
- 2. 40
- 3. 42
- 4. 35
- 5. 38

Correct Option - 2

Que. 74 The number of passengers who travelled in train C on Monday is 8/5th of the number of passengers who travelled in train B on Monday. Find the ratio of the number of passengers who travelled in train C on Monday to the number of passengers who travelled in train B on Wednesday.

- 1. 13:11
- 2. 16:7
- 3. 3:1
- 4. 21:8
- 5. 8:7

Correct Option - 5

Que. 75 Find the total number of passengers who travelled in train B on all the days together.

- 1. 315
- 2. 330
- 3. 350
- 4. 320
- 5. 325

Correct Option - 1

Que. 76 On which day was the percentage of passengers who travelled in Train A less than the percentage of passengers who travelled in Train B by the greatest margin?

- 1. Tuesday
- 2. Wednesday
- 3. Thursday
- 4. Monday
- 5. Both (1) and (3)

Correct Option - 3

Que. 77 Let $p : q$ be the simplest form of the ratio (Sum of Train A passengers on Monday + Wednesday) : (Sum of Train B passengers on Tuesday + Thursday).

What is the value of $p + q$?

1. 124
2. 130
3. 138
4. 144
5. None of these

Correct Option - 1

Que. 78 The value of a laptop depreciates by 10% every year. The laptop is sold after 3 years at a discount of Rs. 270 on its price at that time. What is the total loss percent incurred after selling the laptop if it was purchased at Rs. 10,000?

1. 30.7%
2. 31.3%
3. 28.5%
4. 32.1%
5. 29.8%

Correct Option - 5

Que. 79 12 years ago, the sum of the ages of P, Q, and R together was 61 years. The ratio of the present age of P to Q is 2:3, and P is 8 years older than R. If the ratio of the present age of P to S is 5:7, then find the present age of S.

1. 42 years
2. 49 years
3. 56 years
4. 63 years
5. 70 years

Correct Option - 1

Que. 80 A box contains 6 blue balls, y white balls, and $(y + 4)$ black balls. The probability of selecting a white ball at random is $\frac{1}{4}$. If two balls are drawn simultaneously, what is the probability that both balls are black?

1. $\frac{18}{95}$
2. $\frac{55}{43}$
3. $\frac{21}{19}$
4. $\frac{33}{25}$

5. 7/29

Correct Option - 1

Que. 81 **Directions: Study the following information carefully and answer the questions.**

Following information shows the data regarding number of runs scored by A, B, C and D in Test, ODI and T20 matches.

The runs scored by C in T20 matches are 40 more than one-third of the runs scored by A in Test matches. The average of the total runs scored by A is 230, and the runs scored by him in ODIs are 55% of the runs scored in Test matches. In ODIs, D scored 42 runs fewer than C, while B scored exactly one-third of the runs scored by A, and the total sum of runs scored by B, C, and D in ODIs is 471. In Test matches, D scored 4 times the runs he scored in ODIs, while C scored 8 more runs than D in the same format. In T20 matches, C and D scored 180 and 95 runs respectively. The runs scored by C in Test matches are twice the runs scored by B in the same format. The runs scored by B in T20 matches are one-seventh of the runs scored by him in ODIs.

What is the ratio of the total runs scored by A in Test matches to the combined T20 runs scored by B and D?

1. 84:19
2. 140:37
3. 210:53
4. 501:89
5. None of these

Correct Option - 3

Que. 82 If the runs scored by A in T20s were doubled and all other values remained the same, what would be the new average runs scored by A across all formats?

1. 250
2. 256.7
3. 259
4. 265.3
5. 243

Correct Option - 5

Que. 83 The difference between C's runs in Test matches and the combined runs of A and B in T20 matches is approximately what percentage of D's total runs?

1. 45.3%
2. 52.7%
3. 58.4%
4. 63.9%
5. 67.9%

Correct Option - 5

Que. 84 If a player is randomly selected from the top two highest total run-scorers, what is the probability that their Test runs exceed 700?

1. $\frac{1}{3}$
2. $\frac{2}{3}$
3. $\frac{1}{2}$
4. $\frac{3}{4}$
5. None of these

Correct Option - 3

Que. 85 If the runs scored by A in ODIs are redistributed equally to B and C in the ratio 3:4, and D's T20 runs are doubled, what will be the new difference between the total runs of the highest and lowest scorers?

1. 883
2. 683
3. 983
4. 1083
5. 783

Correct Option - 5

Que. 86 If 25% of B's total runs were disqualified due to a rule violation, and 20% of D's T20 runs were added to A's T20 runs, what would be the new total runs of A and B together?

1. 1041
2. 1042
3. 1047
4. 1409
5. 1408

Correct Option - 2

Que. 87 Priya and Rahul started a project together, and after 'k' days, Priya left and Rahul finished the remaining project in 8 days. The time taken by Rahul and Priya alone to complete the whole project are in the ratio 2:1 respectively. If Rahul can complete the entire project in 20 days, then calculate the value of 'k'.

1. 3 days
2. 4 days
3. 5 days
4. 6 days
5. 7 days

Correct Option - 2

Que. 88 Three times the length of a rectangle is equal to seven times its breadth. The area of the rectangle is 2352 sq. cm. What is the area of a square whose perimeter is equal to that of the rectangle?

1. 2500 sq. cm
2. 3025 sq. cm
3. 2800 sq. cm
4. 3600 sq. cm
5. None of these

Correct Option - 3

Que. 89 Direction: In the given question, two equations numbered I and II are given. Solve both equations and mark the appropriate answer.

I. $x^2 - 22x + 105 = 0$

II. $y^2 - 20y + 96 = 0$

1. $x > y$
2. $x < y$
3. $x \leq y$
4. $x \geq y$
5. $x = y$ or Relation cannot be determined

Correct Option - 5

Que. 90 Direction: In the given question, two equations numbered I and II are given. Solve both equations and mark the appropriate answer.

I. $4x^2 - 25 = 0$

II. $y^2 - 10y + 25 = 0$

1. $x \geq y$
2. $x \leq y$
3. $x < y$
4. $x = y$ or Relation cannot be determined
5. $x > y$

Correct Option - 3

Que. 91 Direction: In the given question, two equations numbered I and II are given. Solve both equations and mark the appropriate answer.

I. $x^2 - 11x + 24 = 0$

II. $y^2 + 6y - 135 = 0$

1. $x \geq y$
2. $x < y$
3. $x \leq y$
4. $x = y$ or Relation cannot be determined
5. $x > y$

Correct Option - 4

Que. 92 **Direction:** In the given question, two equations numbered I and II are given. Solve both equations and mark the appropriate answer.

I. $x^2 - 35x + 294 = 0$
II. $y^2 - 38y + 345 = 0$

- 1. $x > y$
- 2. $x \geq y$
- 3. $x < y$
- 4. $x \leq y$
- 5. $x = y$ or Relation cannot be determined

Correct Option - 5

Que. 93 **Direction:** In the given question, two equations numbered I and II are given. Solve both equations and mark the appropriate answer.

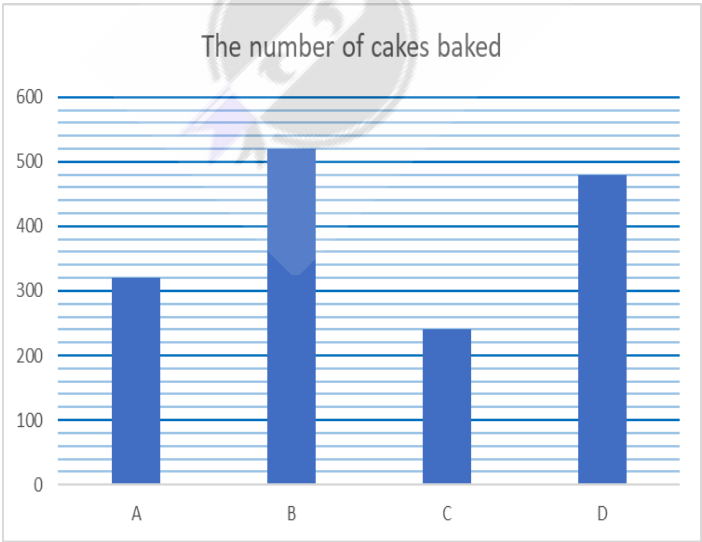
I. $12x^2 + 7x - 12 = 0$
II. $8y^2 - 18y + 9 = 0$

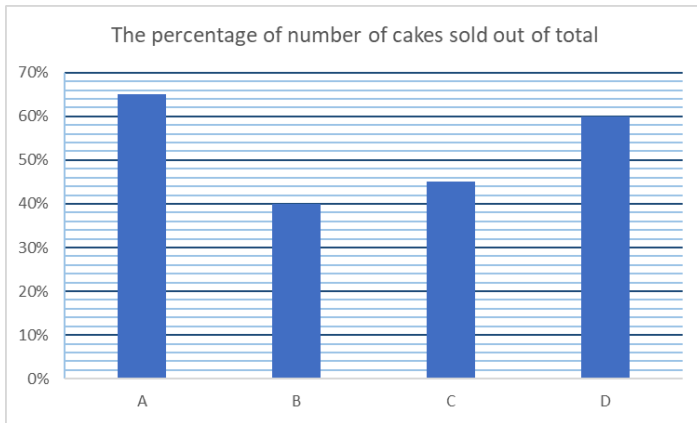
- 1. $x > y$
- 2. $x = y$ or Relation cannot be determined
- 3. $x < y$
- 4. $x \geq y$
- 5. $x \leq y$

Correct Option - 5

Que. 94 **Directions:** Study the following information carefully and answer the questions.

The given bar charts show the number of cakes baked (sold + unsold) in four different bakeries, i.e., A, B, C, and D, and also show the number of cakes sold out of the total number of cakes baked.





If the unsold cakes from Bakery C and Bakery D are equally distributed among Bakery A and Bakery B, then what will be the new total number of cakes with Bakery A (sold + unsold + received)?

- 1. 412
- 2. 462
- 3. 472
- 4. 388
- 5. 482

Correct Option - 5

Que. 95 If the average number of cakes, cup cakes and brownies baked in bakery A is 320 and the ratio of the number of brownies baked in bakery A to that of cakes are 3:4, then find the difference between the number of cup cakes baked in bakery A and the number of cakes sold by bakery D?

- 1. 75
- 2. 84
- 3. 112
- 4. 96
- 5. 104

Correct Option - 3

Que. 96 If the number of cakes baked in bakery D increased by 20% and the number of cakes sold in bakery D is 6 less, then find the ratio of the number of cakes sold that of unsold in bakery D, now?

- 1. 35:31
- 2. 52:57
- 3. 27:23
- 4. 47:49
- 5. 51:59

Correct Option - 4

Que. 97 The difference between the number of cakes sold by bakeries A and C is how much percent of the number of cakes baked by bakery B?

1. 68.63%
2. 19.23%
3. 46.56%
4. 36.5%
5. 17.35%

Correct Option - 2

Que. 98 If 50% of the unsold cakes in bakery D were donated to a charity and 25% of the sold cakes in bakery B were returned due to quality issues, what is the difference between the number of donated cakes from bakery D and the number of returned cakes from bakery B?

1. 46
2. 28
3. 44
4. 32
5. 34

Correct Option - 3

Que. 99 Two containers X and Y contain a mixture of milk and water. In container X, the ratio of milk to water is 5:2. In container Y, the ratio of milk to water is 3:4. The mixtures from X and Y are mixed together in the ratio 7:5 respectively to form a new mixture. How much milk is present in 84 liters of the new mixture?

1. 49 litres
2. 50 litres
3. 60 litres
4. 35 litres
5. None of these

Correct Option - 2

Que. 100 The average weight of 12 bags of rice is 45 kg. When the weights of 3 bags of rice with weights $(w+5)$ kg, $(w-15)$ kg, and $(w+40)$ kg are added, the average weight is increased by 2 kg. Find the value of 'w'.

1. 30 kg
2. 35 kg
3. 40 kg
4. 45 kg
5. 50 kg

Correct Option - 4

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