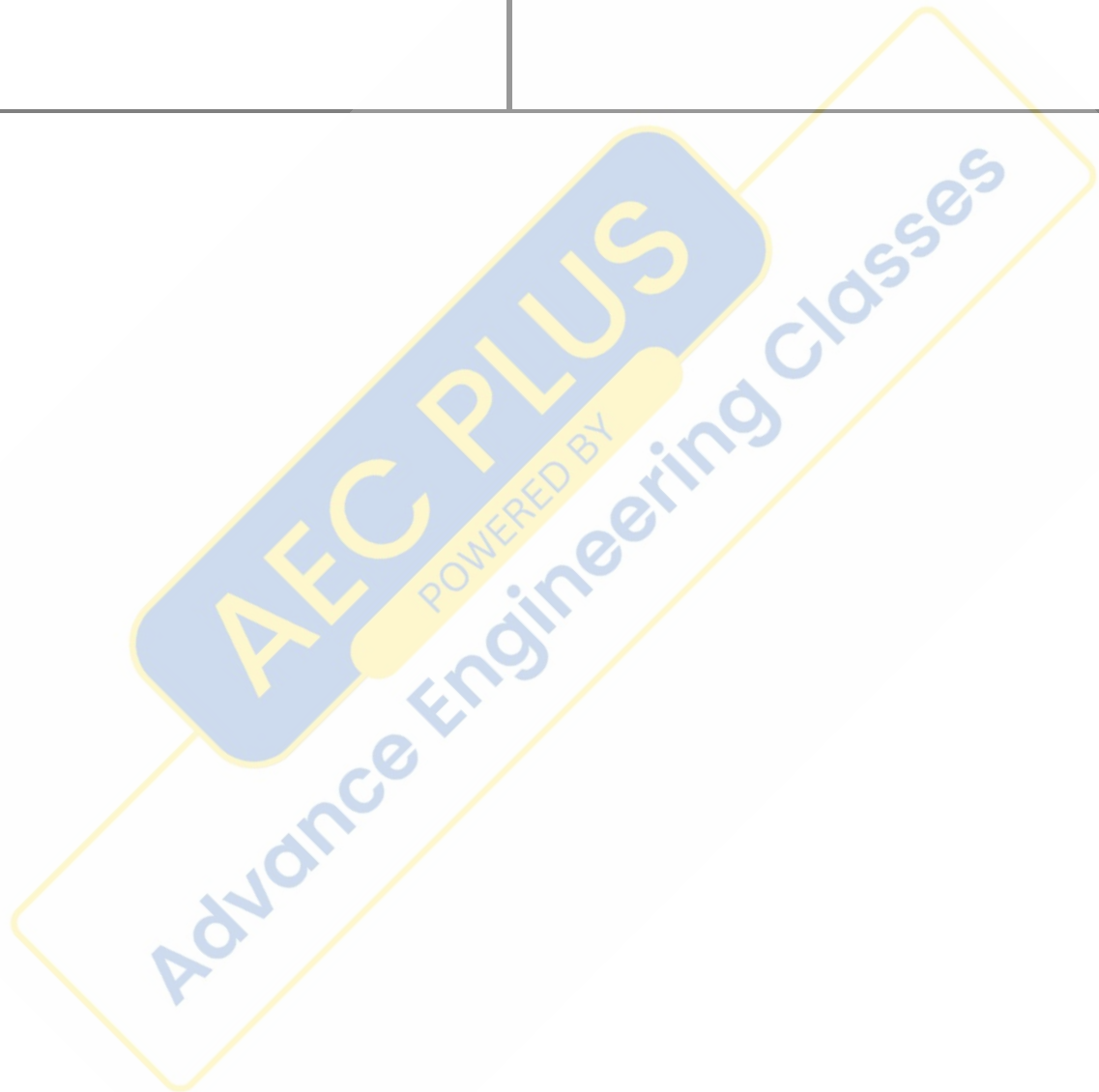


**FCI AG III**

**Memory Based Paper**  
**14th Jan 2023 Shift 1**



## 100 Questions

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**Que. 1** Directions: In the question given below, a sentence is given, divided into parts. One of the parts may contain an error. Identify the part that contains the error and mark it as the answer. Ignore errors in punctuation. In case the sentence is correct as it is, mark option (E), i.e. 'No error'. Note - The words in bold are grammatically and contextually correct.

One of the / side effect (A)/ of the drug (B)/ is an / increased susceptibility (C)/ to infections (D)/. No error (E)

1. A
2. B
3. C
4. D
5. E

Correct Option - 1

---

**Que. 2** The following sentence has been split into five segments. Identify the segment that contains a grammatical error.

Ritu has (A)/ such a fine memory (B)/ that she can recollect (C)/ anything what happened (D)/ many years ago (E)/.

1. A
2. B
3. C
4. D
5. E

Correct Option - 4

---

**Que. 3** Directions: The following sentence has been split into five segments. Identify the segment that contains a grammatical error.

A COVID-19 pandemic is (A)/ an ongoing global pandemic (B)/ of coronavirus disease 2019 (C)/ caused by severe acute (D)/ respiratory syndrome coronavirus 2 (SARS-CoV-2) (E)/.

1. A
2. B
3. C
4. D
5. E

Correct Option - 1

---

**Que. 4** Directions: The following sentence has been split into five segments. Identify the segment that contains a grammatical error.

The law further provide (A)/ for the re-engagement (B)/ of men of all ranks, (C)/ under conditions varying (D)/ according to their rank (E)/.

1. A
2. B

3. C
4. D
5. E

Correct Option - 1

---

**Que. 5** In this question, a sentence has been divided into four parts (A), (B), (C) and (D). Read the sentence to find out whether there is any grammatical error in it. The error if any, will be in one part of the sentence. Mark that part as your answer. If there is no error, the answer is 'No error'. Ignore the error of punctuation if any.

We had to travel 50 km (A)/ out of the way to (B)/ reach our destination, which (C)/ are not a long distance. (D)/ No error (E)

1. A
2. B
3. C
4. D
5. E

Correct Option - 4

---

**Que. 6** In this question, a sentence has been divided into four parts (A), (B), (C) and (D). Read the sentence to find out whether there is any grammatical error in it. The error if any, will be in one part of the sentence. Mark that part as your answer. If there is no error, the answer is 'No error'. Ignore the error of punctuation if any.

The house I bought (A)/ is ten times (B)/ cheaper than (C)/ his luxury car. (D)/ No Error

1. A
2. B
3. C
4. D
5. E

Correct Option - 3

---

**Que. 7** Directions: In the following sentence, five words are given in bold, out of which one word is misspelt. Find the misspelt word.

An almost **unbareable** (A) degree of self-awareness of his **alienation**(B) from the so-called **ordinary**(C) Indian or Aam Admi **occasioned**(D) his entry into **politics**. (E)

1. A
2. B
3. C
4. D
5. E

Correct Option - 1

---

**Que. 8** Directions: In the following sentence, five words are given in bold, out of which one word is misspelled. Find the misspelled word.

By **cancelling(A)** all visas that had been **issued(B)** earlier to Afghan citizens, including government officials, **journalists(C)**, and other **frequent(D)** visitors, India has turned friends into unwanted **enterants(E)**.

1. A
2. B
3. C
4. D
5. E

Correct Option - 5

---

**Que. 9** Directions: In the following sentence, five words are given in bold, out of which one word is misspelled. Find the misspelled word.

After the **dramatic(A)** events on July 9, new **complexities(B)** have arisen in Sri Lanka's politics and are **characterized(C)** by both **excitement(D)** and **anxiety(E)**.

1. A
2. B
3. C
4. D
5. E

Correct Option - 5

---

**Que. 10** Directions: In the following sentence, five words are given in bold, out of which one word is misspelled. Find the misspelled word.

Global and Indian **evidence(A)** fully supports this **strategy(B)**, which prevents the largely **irreversible(C)** **stunting(D)** **occurring(E)** by two years of age.

1. A
2. B
3. C
4. D
5. E

Correct Option - 5

---

**Que. 11** Directions: Select the most appropriate word to fill in the blanks.

Madhavan has \_\_\_\_\_ Brahmanical and religious elements throughout the movie as a director and producer.

1. said
2. seemed
3. agreed
4. sprinkled
5. corresponded

Correct Option - 4

---

**Que. 12** Directions: Select the most appropriate word to fill in the blank.

At \_\_\_\_\_ moments, he prays to the almighty to give him strength.

1. trivial
2. secondary
3. optional
4. voluntary
5. crucial

Correct Option - 5

---

**Que. 13** Directions: Select the most appropriate word to fill in the blank.

Mr. Kumar's appeal had \_\_\_\_\_, and his party, the JD(U), got fewer seats than the RJD and the BJP.

1. Polished
2. Diminished
3. Astonished
4. Established
5. Wished

Correct Option - 2

---

**Que. 14** Directions: Select the most appropriate word to fill in the blank.

One can only hope that sometime in the not distant future the Court corrects the \_\_\_\_\_.

1. Error
2. Terror
3. Prefer
4. Feter
5. Abductor

Correct Option - 1

---

**Que. 15** Directions: Select the most appropriate word to fill in the blank.

She added that an increase in public investment would crowd in (or pull in) private investment, thus \_\_\_\_\_ the economy.

1. Preserving
2. Swerving
3. Reviving
4. Reversing
5. Regressing

Correct Option - 3

---

**Que. 16** Directions: Given below is a word, followed by three sentences that consist of that word. Identify the sentence(s) that express(es) the meaning of the word.

ORDER

- A. The poor boy smelled the delicious **order** of cooked meat.
- B. The union issued an **order** instructing its members not to work overtime.
- C. The tests in this book are arranged in **order** of difficulty.

1. Only A

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

Correct Option - 4

---

**Que. 17** Directions: Given below is a word, followed by three sentences that consist of that word. Identify the sentence(s) that express(es) the meaning of the word.

CASE

- A. Fire-brigades are standing by in **case** of an explosion.
- B. The bigger girls used to **case** me and tickle me.
- C. The boy's **case** was adjudged in the juvenile court.

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

Correct Option - 3

---

**Que. 18** Directions: Given below is a word, followed by three sentences that consist of that word. Identify the sentence(s) that express(es) the meaning of the word.

CITE

- A. The article **cites** several experts on the subject.
- B. They've finally chosen a **cite** for the new school.
- C. He **cited** evidence suggesting she was in the area when the crime was committed.

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

Correct Option - 4

---

**Que. 19** Directions: Given below is a word, followed by three sentences that consist of that word. Identify the sentence(s) that express(es) the meaning of the word.

VIEW

- A. In my **view**, he has done nothing wrong.
- B. You shall have a **view** dress for your birthday.
- C. Our hotel room has a good **view** of the ocean.

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



5. Only C

Correct Option - 4

---

**Que. 20** Directions: Read the passage given below and answer the questions that follow by choosing the correct/most appropriate options:

In a village, a small boy called chottu and his mother lived. Chottu loved his mother so much. He used to go to school and his mother used to go for a small job at a construction site but they lived very happily with that small income also. Chottu's father died because of overdrinking, he never cared for his family and always beats his mother. But chottu likes everyone. Chottu never hates his father also. He used to help every person even if a small beggar begging for money. If he has some food he used to share some food with that beggar or person.

His mother doesn't know about this and all and always thought he is a very bad person like his father but tried always to make him a good person and told him to study well and be a good person and a great person \_\_\_\_\_. A few days from the construction site in a small accident chottu's mother got fractured and since that day she was not able to work. She doesn't know how to live the remaining days. Chottu felt very sad and don't know what to do. He saw some students going to work. But he remembered his mother's words that he should be a great person in life. He got confused about what to do. For living need to work and for the life, he should learn.

After some days he decided to go to work. He tried in many places all made him run from their workplace. Then also he tried again and again and at last, he got a job in a hotel. He cleaned the glasses and cleaned the tables and plates. But his ultimate aim was to learn. Then he started working and learning. It became very difficult to manage both.

One day he found his mother dead. Like that he became alone in life. From that day he decided he will **fulfill** his mother's dream and won't follow his father's way. Morning time he used to go to school and evening and night time he used to go to work. Like that long time and years finished. He has grown up and he followed his good character and helping mentality, he completed his degree and applied for IAS. He tried very hard to get IAS but on the first attempt, he failed. He tried again and again.

On his third attempt, he got IAS and became a collector of his own district, he helped everyone who need help and he became a helping hand for everyone. He **prompted** and helped small students with their studies. And he has given a message to everyone that " If there is a will means..there is a way".

Choose the **antonym** of the word '**Fulfill**'.

1. Accomplish
2. Attain
3. Fail
4. Achieve
5. Execute

Correct Option - 3

---

**Que. 21** Choose the **synonym** of the word '**Prompted**'.

1. Caused
2. Restricted
3. Impeded
4. Quelled
5. Deterred

Correct Option - 1

---

**Que. 22**

What will fit in the blank taken from the passage: "*His mother doesn't know about this and all and always thought he is a very bad person like his father but tried always to make him a good person and told him to study well and be a good person and a great person \_\_\_\_\_.*"

1. Who never cares for his family.
2. Who can only care for his family and not others.
3. Who always hate others.
4. Who can help the people who need help.
5. Without helping mentality.

Correct Option - 4

---

**Que. 23** What was the ultimate aim of the boy even after getting a job?

1. His ultimate aim was to live a life of a beggar.
2. His ultimate aim was to remain jobless.
3. His ultimate aim was to become a very bad person like his father.
4. His ultimate aim was to go for a small job like his mother.
5. His ultimate aim was to learn.

Correct Option - 5

---

**Que. 24** How did Chotu's father die?

1. In a car accident.
2. Because of overdrinking.
3. Because of heart attack.
4. Due to COVID-19.
5. Because of unintentional injuries.

Correct Option - 2

---

**Que. 25** Where did Chotu's mother use to work?

1. In a hotel.
2. At a restaurant.
3. At a construction site.
4. In a bungalow.
5. In a sugar mill.

Correct Option - 3

---

**Que. 26** **Directions:** Study the following information and answer the given questions.

Eight persons Rita, Tina, Sonu, Pinku, Rahul, Priya, Gaurav, and Rohit are sitting around a circular table facing inside the centre, but not necessarily in the same order. Rahul is not sitting immediate left of rohit. Tina is not an immediate neighbor of Sonu. Two persons are sitting between Rohit and Priya. Gaurav sits second to the right of Pinku. Two persons are sitting between Rita and Rohit. Priya is not neighbor of Tina. Two persons are sitting between Priya and Sonu.

Who sits opposites to Priya?

1. Rahul



2. Sonu
3. Pinku
4. Rohit
5. None of these

Correct Option - 1

---

**Que. 27** Who sits third to the Right of Pinku?

1. Sonu
2. Rohit
3. Tina
4. Rahul
5. None of these

Correct Option - 3

---

**Que. 28** How many persons sits between Sonu and Tina , when we move in anti-clockwise directions from Sonu?

1. One
2. Two
3. Three
4. Four
5. More than four

Correct Option - 4

---

**Que. 29** If Priya change its position with Sonu, who sits immediate right of Sonu?

1. Rita
2. Pinku
3. Tina
4. Gaurav
5. None of these

Correct Option - 4

---

**Que. 30** Who among the following is the immediate neighbors of Tina?

1. Rohit
2. Sonu
3. Gaurav
4. Both Rohit and Gaurav
5. None of these

Correct Option - 4

---

**Que. 31** How many such pairs of letters are there in the word 'ENTERPRISE', each of which has as many letters between them in the word (both forward and backward direction) as they have between them in the English Alphabet?

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

Correct Option - 4

---

**Que. 32** If 1 is added to each even digit and 1 is subtracted from each odd digit in the number 624739854, then the sum of digits which is 4th and 5th from right and left respectively \_\_\_\_.

1. 11
2. 9
3. 13
4. 10
5. 8

Correct Option - 4

---

**Que. 33** **Direction:** Study the following information carefully and answer the following questions.

An uncertain number of person is sitting in a row facing towards North. Q is sitting second from on the extreme ends. S is sitting seventh to the right of M. L is sitting exactly in between Q and S. O is sitting third to the left of R. Only two people are sitting between Q and M. Only one person is sitting between S and O. P is sitting second to the left of N who is sitting fourth to the right of R. R is not an immediate neighbour of S.

Who is sitting at the extreme right end of the row?

1. P
2. R
3. S
4. N
5. None of these

Correct Option - 4

---

**Que. 34** How many people are sitting in the row?

1. 23
2. 21
3. 25
4. 22
5. 17

Correct Option - 2

---

**Que. 35** Which of the following statement is correct regarding P?

1. Second to the right of N
2. Second to the left of R
3. Second from one the extreme ends
4. Immediate neighbour of N

5. None of these

Correct Option - 5

---

**Que. 36** How many people are sitting in between L and O?

1. Five
2. Seven
3. Six
4. Four
5. None of these

Correct Option - 3

---

**Que. 37** **Direction:** Study the following information carefully and answer the given questions.

There are eight members in the family, in which there are only two married couples. Either both or none of the parents is alive. Amu is the father-in-law of Rahul, who is the brother-in-law of Ravi. Priya is the sister of Ravi and Karan. Karan is the maternal uncle of Vani. Monu is the brother of Bhanu, who is the mother of Priya. Amu has only one son.

How many male members in the family?

1. One
2. Two
3. Three
4. Four
5. Cannot be determined

Correct Option - 5

---

**Que. 38** **Direction:** In the following question assuming the given statements to be true, find which of the conclusion among the given conclusion is/are definitely true, and then give your answers accordingly.

**Statement:**  $K < B < C = D > M < H \geq N$

**Conclusions:**

I.  $K < N$

II.  $B < D$

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

Correct Option - 2

---

**Que. 39** **Directions:** In the following question assuming the given statements to be true, find which of the conclusion among given some conclusion is/are definitely true and then give your answers accordingly.

**Statements:**  $X < Y < Z \leq A \leq B = C > D \geq E < F < G$

**Conclusions:**

I.  $C \geq X$

II.  $B > E$

1. Only I is true
2. Only II is true
3. Both I and II are true
4. Either I or II is true
5. Neither I and II is true

Correct Option - 2

---

**Que. 40** **Direction:** In the following question assuming the given statements to be true, find which of the conclusion(s) among given conclusions is/are definitely true and then give your answers accordingly.

**Statement:**  $E < F \leq G > H \geq K$

**Conclusions:**

I.  $F > H$

II.  $G < E$

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

Correct Option - 5

---

**Que. 41** **Directions:** Study the following arrangement of the English alphabet and answer the questions given below:

H N T K Q S C F D E A W G I X H U J B M

Which letter is third to the right of the letter which is exactly in the middle letter between J and K?

1. G
2. W
3. I
4. D
5. F

Correct Option - 3

---

**Que. 42** Which of the following is the fourth letter to the left of the seventh letter from the right side?

1. A
2. W
3. D
4. E
5. F

Correct Option - 4

---

**Que. 43** How many such vowels are there in the above arrangement, each of which is immediately preceded by a consonant?

1. One
2. Three
3. Two
4. Four
5. More than four

Correct Option - 2

---

**Que. 44** Which of the following is the fifth to the right of the eighth letter from the left side of the above arrangement?

1. G
2. I
3. F
4. M
5. X

Correct Option - 1

---

**Que. 45** Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster

1. LPU
2. PTY
3. ADL
4. NRW
5. None

Correct Option - 3

---

**Que. 46** **Direction:** Study the following information carefully and answer the given questions.

Eight friends K, L, M, N, O, P, Q, and R have to deliver lectures on either the 8<sup>th</sup> or 15<sup>th</sup> of four different months among January, April, June, and August but not necessarily in the same order. Not more than 2 persons will give a lecture in a month. Only one person will deliver a lecture each day. K delivers his lecture on the 8<sup>th</sup> of a month which has only 30 days. Only three lectures were delivered between K and L. O delivers the lecture immediately after L. Number of persons who give the lecture after O is the same as the number of persons who give the lecture before P. Only two persons give lectures between P and M. Q and M give their lectures in the same month. N gives the lecture before R.

Who gives the lecture on 8<sup>th</sup> August?

1. K
2. L
3. M
4. P
5. Q

Correct Option - 4

---

**Que. 47** How many lectures were delivered after Q?

1. 5

2. 6
3. 4
4. 7
5. 3

Correct Option - 1

---

**Que. 48** Who among the following doesn't deliver the lecture in the month having 30 days ?

1. Q
2. M
3. K
4. N
5. L

Correct Option - 5

---

**Que. 49** Who delivers the lecture immediately before R?

1. M
2. L
3. P
4. O
5. Q

Correct Option - 3

---

**Que. 50** Who gives the lecture on 15<sup>th</sup> April?

1. L
2. O
3. Q
4. M
5. K

Correct Option - 4

---

**Que. 51** What will come in place of the question mark (?) in the following question?

$$?\% \text{ of } (40\% \text{ of } 1500) = (60\% \text{ of } 20)\% \text{ of } 750$$

1. 5
2. 10
3. 15
4. 20
5. 25

Correct Option - 3

---

**Que. 52** What approximate value should come in place of the question mark (?) in the following question?

$$21.80\% \text{ of } 700 + 65.74 = 169.14 + ? \% \text{ of } 300.10$$



1. 6
2. 17
3. 3
4. 32
5. 21

Correct Option - 2

---

**Que. 53** What approximate value should come in place of the question mark (?) in the following question?

$$\sqrt{5041} \times 61.67 \times (2.98/17.89) \div \sqrt[3]{212} = ?^{1/3} + 45.48$$

1.  $76.27^3$
2.  $168.27^2$
3.  $189^4$
4.  $17^3$
5.  $700^9$

Correct Option - 1

---

**Que. 54** What approximate value should come in place of question mark '?' in the following question?

$$(80.0003\% \text{ of } 1601.73) + (75.123\% \text{ of } 1003.158) + 1000 - (50.82\% \text{ of } 3005.72) \times 2.0007 = ?$$

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

Correct Option - 5

---

**Que. 55** Find out the approximate value which should replace the question mark (?) in the following question.

$$98.8 \times 4032 \div 27.89\% \text{ of } 599 = 16 \times 339.7 \div 17.2 + ? + 80.1$$

1. 1800
2. 1900
3. 2200
4. 2000
5. 2100

Correct Option - 4

---

**Que. 56** What should come at the place of '?' in the following question?

$$[\{(1948 + 652 - 140) \div (41 \times 8)\} + (313 \div 2)] = 2^6 + 10^?$$

1. 10
2. 5
3. 2
4. 1

5. 8

Correct Option - 3

---

**Que. 57** Find the value of  $(\sqrt{7} + 2)(\sqrt{28} - 4)(3 + \sqrt{5})(6 - \sqrt{20})$

1. 40
2. 48
3. 50
4. 56
5. 60

Correct Option - 2

---

**Que. 58** The speed of a boat in still water is 6 km/h. Time taken by the boat to cover a certain distance upstream is 3 hours more than the time taken to cover the same distance downstream. If the speed of the stream is 2 km/h, then what is the total distance (upstream and downstream) covered by the boat?

1. 24 km
2. 18 km
3. 36 km
4. 48 km
5. 46 km

Correct Option - 4

---

**Que. 59** A certain amount P is invested in scheme A for 3 years at a simple interest of 8% per annum and the same amount P is invested in scheme B for 3 years at 8% per annum compounded annually. If the difference in the interest earned is ₹197.12, then find the value of P.

1. ₹10,000
2. ₹7,000
3. ₹8,000
4. ₹12,000
5. ₹15,000

Correct Option - 1

---

**Que. 60** A train crosses a platform having a length of 300 m in 30 seconds and a standing pole in 10 seconds. Calculate the length of the train in meters.

1. 85 m
2. 220 m
3. 150 m
4. 200 m
5. 110 m

Correct Option - 3

---

**Que. 61** If the cost price of an article is 20% less than its marked price and a shopkeeper allows a discount of 10%. Find its profit or loss percent?

1. 12.5% loss

2. 12.5% profit
3. 25% loss
4. 25% profit
5. 12% profit

Correct Option - 2

---

**Que. 62** There are two brothers Rohan and Rajiv. Rohan is three years older than his brother Rajiv. Ten years ago, At the time of the birth of their sister, the age of Rohan was 8 years. The present age of the father is the sum of the age of Rohan, Rajiv, and their sister. The sum of the present age of Parents is 84 years. Find the difference between the present age of their parents.

1. 2 years
2. 1 years
3. 3 years
4. 5 years
5. 0 years

Correct Option - 1

---

**Que. 63** The perimeter of an equilateral triangle is 48. Find the area of the triangle.

1.  $64\sqrt{3} \text{ cm}^2$
2.  $111\frac{1}{2} \text{ cm}^2$
3.  $144 \text{ cm}^2$
4.  $336 \text{ cm}^2$
5.  $39 \text{ cm}^2$

Correct Option - 1

---

**Que. 64** In a mixture of 80 litres, milk and water were in the ratio of 2 : 3. If 25% of the mixture is replaced with the same amount of milk, then what is the amount of milk in the final mixture?

1. 44 litres
2. 46 litres
3. 54 litres
4. 56 litres
5. None of these

Correct Option - 1

---

**Que. 65** A, B and C can do a piece of work in 60 days, 45 days and 30 days respectively when they are working alone. A started the work alone after 5 days B joined him. After 7.5 days of joining of B, C also joined. After 5 days working of C Both B and C left. Find the time taken by A alone to finish 500% more of remaining work.

1. 90 days
2. 92 days
3. 95 days
4. 98 days

5. 96 days

Correct Option - 3

**Que. 66** **Directions:** Study the following table carefully and answer the questions given below it.

Price per kilogram (in Rs.) at which 5 different shopkeepers sell six different products

Products	Shopkeepers				
	A	B	C	D	E
Bajra	36	34.5	37.5	34	35
Jowar	38	39.5	37	36.5	39
Rice	43.5	42	40	44	42.5
Wheat	40	43	41.5	41	39
Maize	32.5	33	34	31	33.5
Sugarcane	30	29	28	30.5	31

What is the difference between the average price of per kg of rice sold by all the shopkeepers and the average price of per kg of jowar sold by all the shopkeepers?

1. Rs. 4
2. Rs. 4.8
3. Rs. 4.4
4. Rs. 5.4
5. None of these

Correct Option - 3

**Que. 67** What is the respective ratio of the total price (per kg) of all the products sold by C to those sold by E?

1. 108 : 111
2. 109 : 111
3. 109 : 108
4. 111 : 108
5. None of these

Correct Option - 5

**Que. 68** If shopkeeper D sells 15 kg of jowar 18 kg of wheat and 31 kg of sugarcane, what will be his total earning?

1. Rs. 2131
2. Rs. 2031
3. Rs. 2210
4. Rs. 2231
5. None of these

Correct Option - 4

**Que. 69** If shopkeeper B sells 66 kg of jowar and shopkeeper D sells 75 kg of bajra, what is the difference in amount earned by the shopkeepers in selling their products?

1. Rs. 66
2. Rs. 57
3. Rs. 63
4. Rs. 75
5. None of these

Correct Option - 2

---

**Que. 70** If each shopkeeper sells 88 kg of rice and 66 kg of wheat, which shopkeeper will earn the highest?

1. A
2. B
3. C
4. D
5. E

Correct Option - 4

---

**Que. 71** In the given question, two equations numbered I and II are given. Solve both the equations and mark the appropriate answer.

I.  $x^2 - 11\sqrt{3}x + 90 = 0$

II.  $y^2 - 9\sqrt{7}y + 140 = 0$

1.  $x > y$
2.  $x < y$
3.  $x \geq y$
4.  $x \leq y$
5.  $x = y$  or relationship between  $x$  and  $y$  cannot be established.

Correct Option - 2

---

**Que. 72** In the given question, two equations numbered I and II are given. Solve both the equations and mark the appropriate answer.

I.  $2x^2 - 33x + 136 = 0$

II.  $2y^2 - 37y + 171 = 0$

1.  $x > y$
2.  $x < y$
3.  $x \geq y$
4.  $x \leq y$
5.  $x = y$  or relationship between  $x$  and  $y$  cannot be established

Correct Option - 2

---

**Que. 73** In the given question, two equations numbered I and II are given. Solve both the equations and mark the appropriate answer.

I.  $x = \sqrt{529}$

II.  $y^2 - 21y + 104 = 0$

1.  $x > y$

2.  $x < y$
3.  $x \geq y$
4.  $x \leq y$
5.  $x = y$  or relationship between  $x$  and  $y$  cannot be established.

Correct Option - 1

---

**Que. 74** In the given question, two equations numbered I and II are given. You have to solve both the equations and mark the appropriate answer-

I.  $x^2 + 14x + 24 = 0$

II.  $9y^2 - 4 = 0$

1.  $x > y$
2.  $y \leq x$
3.  $y \geq x$
4.  $x < y$
5. Either  $x = y$  or Relation between  $x$  and  $y$  cannot be established.

Correct Option - 4

---

**Que. 75** In the following question, two equations are given in variables  $x$  and  $y$ . You have to solve these equations and determine the relation between  $x$  and  $y$ .

I.  $6x + 16y = -4$

II.  $8x + 36y = 2$

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

Correct Option - 2

---

**Que. 76** The iron pillar near Qutb Minar in Delhi was made by?

1. Ashoka
2. Akbar
3. Razia Sultan
4. Chandragupta II
5. None of the above

Correct Option - 4

---

**Que. 77** Who has been appointed as the new prime minister of Nepal on 25 December 2022?

1. Pushpa Kamal Dahal
2. Sher Bahadur Deuba
3. Girija Prasad Koirala
4. KP Sharma Oli
5. None of the above



Correct Option - 1

---

**Que. 78** The Chambal is a major tributary of which of the following rivers?

1. Yamuna
2. Ganges
3. Godavari
4. Brahmaputra
5. None of the above

Correct Option - 1

---

**Que. 79** In December 2022, Sam Curran has become the costliest cricketer ever to be bought by any franchise of the Indian Premier League (IPL), he belongs to which country?

1. Australia
2. New Zealand
3. South Africa
4. West Indies
5. England

Correct Option - 5

---

**Que. 80** In which year, the Asian Development Bank (ADB) was established?

1. 1956
2. 1986
3. 1976
4. 1966
5. 1998

Correct Option - 4

---

**Que. 81** Which Greek letter denotes wavelength?

1. Epsilon ( $\epsilon$ )
2. Mu ( $\mu$ )
3. Omega ( $\omega$ )
4. Lambda ( $\lambda$ )
5. None of the above

Correct Option - 4

---

**Que. 82** Rudreshwara, popularly known as Ramappa Temple, is located in:

1. Telangana
2. Andhra Pradesh
3. Kerala
4. Karnataka
5. None of the above

Correct Option - 1

---

**Que. 83** In TDS, what does D stand for?

1. Demanded
2. Diminished
3. Declared
4. Deducted
5. None of the above

Correct Option - 4

---

**Que. 84** Who wrote the book "Poverty and Un-British Rule in India"?

1. Dadabhai Naoroji
2. Gopal Krishna Gokhale
3. Bal Gangadhar Tilak
4. M. G. Ranade
5. None of the above

Correct Option - 1

---

**Que. 85** Who is the founder of 'Din-i-Ilahi'?

1. Muhammad Ghaznavi
2. Humayun
3. Akbar
4. Sher Shah Suri
5. Babur

Correct Option - 3

---

**Que. 86** Birth anniversary of former Prime Minister Chaudhary Charan Singh is celebrated as?

1. National Mathematics Day
2. Human Rights Day
3. Vijay Diwas
4. Good Governance Day
5. National Farmers Day

Correct Option - 5

---

**Que. 87** Which satellite was sent to space on 19 April 1975?

1. Aryabhata
2. Apple
3. Jerelina
4. Bhaskar I
5. EDUSAT

Correct Option - 1

---

**Que. 88** Which of the following diseases is caused by protozoa?

1. Cholera
2. Diphtheria
3. Pneumonia
4. Malaria
5. None of the above

Correct Option - 4

---

**Que. 89** The National Savings Certificate (NSC) is a fixed income investment scheme that you can open with any post office branch. NSCs certificates can be earned at a fixed interest, which is currently at a rate of \_\_\_ per annum.

1. 6.8%
2. 6.5%
3. 6.0%
4. 7.0%
5. 7.8%

Correct Option - 1

---

**Que. 90** Where is 'National Museum of India' located?

1. Chennai
2. Bangalore
3. Patna
4. Delhi
5. Kolkata

Correct Option - 4

---

**Que. 91** The mother of Mahatma Gandhi was \_\_\_\_\_.

1. Kamlabai
2. Heerabai
3. Putlibai
4. Kasturbabai
5. Ramabai

Correct Option - 3

---

**Que. 92** The highest rice producing state in India is:

1. West Bengal
2. Telangana
3. Tamil Nadu
4. Odisha
5. Uttar Pradesh

Correct Option - 1

---

**Que. 93** Who among the following has been awarded the Sahitya Akademi Awards 2022 in the Hindi language?

1. Anis Ashfaq
2. Badri Narayan
3. Praveen Bandekar
4. Manoj Kumar Goswami
5. None of the above

Correct Option - 2

---

**Que. 94** Pradhan Mantri Vaya Vandana Yojana (PMVVY) is a scheme for people of what age group?

1. 65 years and above
2. 60 years and above
3. 50 years and above
4. 55 years and above
5. None of the above

Correct Option - 2

---

**Que. 95** Which is an example of a shrub?

1. Lemon
2. Onion
3. Mango Tree
4. Spinach
5. None of the above

Correct Option - 1

---

**Que. 96** Which of the following is a non-metal?

1. Sodium
2. Fluorine
3. Magnesium
4. Aluminium
5. None of the above

Correct Option - 2

---

**Que. 97** How many banks were nationalized in 1969?

1. 14
2. 16
3. 20
4. 18
5. None of the above

Correct Option - 1

---

Which among the following is a biotic component of an ecosystem?

**Que. 98** Wind

2. Rainfall
3. Grass
4. Minerals
5. None of the above

Correct Option - 3

---

**Que. 99** Ibn Battuta, the famous Muslim explorer who came to India during the times of Muhammad bin Tughlaq, belonged to which country?

1. Egypt
2. Greece
3. Iran
4. Morocco
5. France

Correct Option - 4

---

**Que. 100** "Blue Revolution" is related with the following

1. Food grain production
2. Oil seed production
3. Fish production
4. Milk production
5. None of the above

Correct Option - 3

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