

# Prepp

## Your Personal Exams Guide



NDA



CDS



SSC CGL



CBSE UGC NET



IAS



SSC CHSL



CTET



MPSC



AFCAT



CSIR UDC NET



IBPS PO



UP POLICE



SSC MTS



SBI PO



BPS



UPTET



IBPS RRB



IBPS CLERK



IES



UPSC CAPF



SSC Stenogr..



RRB NTPC



SSC GD



RBI GRADE B



RBI Assistant



DSSSB

# SBI Clerk 2018 (Prelims) Memory-Based Test (25-Jun-2018)

Total Time: 1 Hour

Total Marks: 100

## Instructions

1. Test will auto submit when the Time is up.
2. The Test comprises of multiple choice questions (MCQ) with one or more correct answers.
3. The clock in the top right corner will display the remaining time available for you to complete the examination.

## Navigating & Answering a Question

1. The answer will be saved automatically upon clicking on an option amongst the given choices of answer.
2. To deselect your chosen answer, click on the clear response button.
3. The marking scheme will be displayed for each question on the top right corner of the test window.

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## English Language

1. **Direction:** A sentence with one blank is given, indicating that something has been omitted. Choose the word that best fits into the blank appropriately. (+1, -0.25)

Today's paper \_\_\_\_\_ that we shall have an election this year.

- a. States
- b. Admits
- c. Expresses
- d. Proposes
- e. Gives

2. **Direction:** A sentence with one blank is given, indicating that something has been omitted. Choose the word that best fits into the blank appropriately. (+1, -0.25)

We were so late that we \_\_\_\_\_ had time to catch the train.

- a. Linearly
- b. Almost
- c. Hardly
- d. Simply
- e. Completely

3. **Direction:** A sentence with one blank is given, indicating that something has been omitted. Choose the word that best fits into the blank appropriately. (+1, -0.25)

John was \_\_\_\_\_ enough to not have hurt himself after he fell off his motorbike.

- a. Luckily
- b. Fortunate
- c. Understanding
- d. Found
- e. Fortune

---

4. **Direction:** A sentence with one blank is given, indicating that something has been omitted. Choose the word that best fits into the blank appropriately. (+1, -0.25)

You must not look directly at the sun \_\_\_\_\_ an eclipse.

- a. During
- b. In
- c. On
- d. To
- e. At

---

5. **Direction:** A sentence with one blank is given, indicating that something has been omitted. Choose the word that best fits into the blank appropriately. (+1, -0.25)

The fog was so thick during the morning, that it seemed like walking \_\_\_\_\_ a cloud.

- a. Beyond

- b. By
- c. Along
- d. Through
- e. Against

---

6. **Direction:** In the given question, a statement divided into different segments is given. The first segment is fixed, rearrange the other segments to form a coherent statement. If the sentence is already arranged or the correct sequence doesn't match any of the given sequence, mark (E), i.e., "None of the above" as your answer. **(+1, -0.25)**

By learning basic plant anatomy, P. but also in knowing where to look for them in the guide Q. telling species apart, R. proficient not only in S. one can soon become

- a. SRQP
- b. QSRP
- c. PSRQ
- d. PQSR
- e. None of the above

---

7. **Direction:** In the given question, a statement divided into different segments is given. The first segment is fixed, rearrange the other segments to form a coherent statement. If the sentence is already arranged or the correct sequence doesn't match any of the given sequence, mark (E), i.e., "None of the above" as your answer. **(+1, -0.25)**

Miss Nelson who teaches Maths P. to middle school children Q. had won a poetry competition R. in St. George Schools. which was held this July

- a. RSPQ
- b. PRQS
- c. QRSP
- d. QPSR
- e. None of the above

---

8. **Direction:** In the given question, a statement divided into different segments is given. The first segment is fixed, rearrange the other segments to form a coherent statement. If the sentence is already arranged or the correct sequence doesn't match any of the given sequence, mark (E), i.e., "None of the above" as your answer. (+1, -0.25)

Making the air flow/ is the best way (P)/ faster and smoother (Q)/ better over the car (R)/ to make the car go (S)

- a. PSQR
- b. RQPS
- c. RPSQ
- d. PSRQ
- e. None of the above

---

9. **Direction:** In the given question, a statement divided into different segments is given. The first segment is fixed, rearrange the other segments to form a coherent statement. If the sentence is already arranged or the correct sequence doesn't match any of the given sequence, mark (E), i.e., "None of the above" as your answer. (+1, -0.25)

At first glance P. is friendly when approached Q. at her phone, almost as if she R. wants to avoid the crowd but S. she seems reticent, staring down

- a. SRPQ
- b. SQRP
- c. QPSR
- d. RSPQ
- e. None of the above

---

10. **Direction:** In the given question, a statement divided into different segments is given. The first segment is fixed, rearrange the other segments to form a coherent statement. If the sentence is already arranged or the correct sequence doesn't match any of the given sequence, mark (E), i.e., "None of the above" as your answer. (+1, -0.25)

Educational surveys indicate that children P. have recognition vocabularies Q. of over twenty thousand words R. in which English is the native language, S. who have grown up in families,

- a. PRSQ
- b. SQRP
- c. SRPQ
- d. PRQS
- e. None of the above

---

11. **Direction:** In the given question, a statement divided into different segments is given. The first segment is fixed, rearrange the other segments to form a coherent statement. If the sentence is already arranged or the correct (+1, -0.25)

sequence doesn't match any of the given sequence, mark (E), i.e., "None of the above" as your answer.

People with borderline personality disorderP. trust issues, emotional dysregulation Q. typically have anxiety, depressionR. and narcissism, all of whichS. make life very difficult

- a. QSRP
- b. QPRS
- c. SRPQ
- d. SPRQ
- e. None of the above

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**12. Direction:** Given below are three statements, of which some may be incorrect. Identify the correct statement(s). (+1, -0.25)

I. Neither the public nor the police officers who rushed to the spot was able to help Sundar and his wife as the car was engulfed in flames.

II. Neither the public nor the police officers who rushed to the spot were able to help Sundar and his wife as the car were engulfed in flames.

III. Neither the public nor the police officers who rushed to the spot were able to help Sundar and his wife as the car was engulfed in flames.

- a. Only I
- b. Only II
- c. Only III
- d. Both I and II

e. All of these

---

13. **Direction:** Given below are three statements, of which some may be incorrect. Identify the correct statement(s). (+1, -0.25)

I. Every night the office is vacuumed and dusted by the cleaning crew.

II. Every night the office were vacuumed and dusted by the cleaning crew.

III. Every night the office is being vacuumed and being dusted by the cleaning crew.

- a. Only I
- b. Only II
- c. Only III
- d. Both I and III
- e. All of these

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14. **Direction:** Given below are three statements, of which some may be incorrect. Identify the correct statement(s). (+1, -0.25)

I. Surprisingly, only 12% of the students have scoring above 45

II. Surprisingly, only 12% of the students are scored above 45

III. Surprisingly, only 12% of the students had scored above 45

- a. Only I
- b. Only II

- c. Only III
- d. Both I and II
- e. All of these

---

15. **Direction:** Given below are three statements, of which some may be incorrect. Identify the correct statement(s). (+1, -0.25)

I. At each concert, the soprano have been sang at least one tune from a well-known opera.

II. At each concert, the soprano was sung at least one tune from a well-known opera.

III. At each concert, the soprano sings at least one tune from a well-known opera.

- a. Only I
- b. Only II
- c. Only III
- d. Both I and II
- e. All of these

---

16. **Direction:** Given below are three statements, of which some may be incorrect. Identify the correct statement(s). (+1, -0.25)

What does the author mean by the following line: "dreams seem all but a figment of your imagination"?

- a. A thought that dreams and imagination are two inseparable entities.

- b. A state when a person thinks that dreams cannot be fulfilled.
- c. A person begins to dream without working on it to turn it into reality.
- d. A state where dream and reality seem one singular entity
- e. A state of disappointment where a person thinks that everything is conquerable.

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17. **Direction:** Given below are three statements, of which some may be incorrect. Identify the correct statement(s). (+1, -0.25)

How does a person play a significant role in motivating or demotivating oneself?

- a. Irrespective of what people say, one cannot achieve something unless he/ she believes in they could.
- b. If one listens to others and ignores one's inner voice, she/ he is doomed to fail in life.
- c. A person acts as an agent of others to delegate people's will unto oneself.
- d. A person fails to materialize his/ her strength into achieving his/ her goal.
- e. A person does not have the agency to motivate or demotivate oneself.

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18. **Direction:** Given below are three statements, of which some may be incorrect. Identify the correct statement(s). (+1, -0.25)

Which of the following should one come to terms with in order to avoid getting disappointed with oneself?

- a. One should accept that not everyone is perfect.
- b. One should trust one's potential to achieve any goal.
- c. One should think that there are people who do not as capable as he/ she is.
- d. One should realise that one's shortcomings cannot be altered.
- e. One needs to keep peace of mind and stop being critical about others.

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19. **Direction:** Given below are three statements, of which some may be incorrect. Identify the correct statement(s). (+1, -0.25)

What does the phenomenon of self-doubt indicate?

- a. That you have become self-obsessed.
- b. That you have lost faith in everyone.
- c. That you have started to believe that others cannot help you.
- d. That you have stopped believing in yourself.
- e. None of these.

---

20. **Direction:** Given below are three statements, of which some may be incorrect. Identify the correct statement(s). (+1, -0.25)

Which of the following is the MOST SIMILAR in meaning to the given word?

Redeem

- a. Shed
  - b. Rescue
  - c. Dissipate
  - d. Prepare
  - e. Distinguish
- 

21. **Direction:** Given below are three statements, of which some may be incorrect. Identify the correct statement(s). (+1, -0.25)

Which of the following is the MOST SIMILAR in meaning to the given word?

**Numerous**

- a. Gigantic
  - b. Occasional
  - c. Umpteen
  - d. Infrequent
  - e. Exotic
- 

22. **Direction:** Given below are three statements, of which some may be incorrect. Identify the correct statement(s). (+1, -0.25)

What does the following lines stated by Einstein imply?

“Everybody is a genius. But if you judge a fish by its ability to climb a tree it will spend its whole life believing that is stupid”

- a. There are people who cannot climb a tree but can definitely swim.
  - b. Everybody is unique, and everyone's potential should be realised before declaring them incapable or stupid.
  - c. If you identify someone's uniqueness, that person will be ashamed of his/ her uniqueness throughout his/ her life.
  - d. There are certain capabilities which are possessed by everyone irrespective of their potential.
  - e. None of these.
- 

23. **Direction:** Given below are three statements, of which some may be incorrect. Identify the correct statement(s). (+1, -0.25)

- I. The teacher asked the students to not elude any online sources in their research papers.
  - II. The teacher asks the students to not allude to any online sources in there research papers.
  - III. The teacher asked the students to not allude to any online sources in their research papers.
- a. Only I
  - b. Only II
  - c. Only III
  - d. Both I and III
  - e. All of these
-

24. **Direction:** In the following question two equations are given in variables X and Y. You have to solve these equations and determine relation between X and Y. (+1, -0.25)

Which of the following is the MOST OPPOSITE in meaning to the given word?

**Unattainable**

- a. Impossible
- b. Achievable
- c. Restraining
- d. Peccable
- e. Divulging

- 
25. **Direction:** In the following question two equations are given in variables X and Y. You have to solve these equations and determine relation between X and Y. (+1, -0.25)

Do not precede (1) / with the transfer (2) / of funds until you receive further (3) / instructions. (4) / All correct (5)

- a. 1
- b. 2
- c. 3
- d. 4
- e. 5

26. **Direction:** In the following question two equations are given in variables X and Y. You have to solve these equations and determine relation between X and Y. (+1, -0.25)

Our branch is **located** (1) / in a **remote** (2) / area where water is **scarcity** (3) / **available**. (4) / All correct (5)

- a. 1
- b. 2
- c. 3
- d. 4
- e. 5

27. **Direction:** In the following question two equations are given in variables X and Y. You have to solve these equations and determine relation between X and Y. (+1, -0.25)

The teacher liked the **poem** (A) / so much that she **asked** (B) / Saba to read it **allowed** (C) / to the **whole** class. (D)

- a. A
- b. B
- c. C
- d. D
- e. All are correct

28. **Direction:** In the following question two equations are given in variables X (+1, -0.25)

and Y. You have to solve these equations and determine relation between X and Y.

To **gain** (1)/ their **support** (2)/ you must **convenience** (3)/ them of the **benefits** of the proposal.(4)/ All correct (5)

- a. 1
- b. 2
- c. 3
- d. 4
- e. 5

---

29. **Direction:** In the following question two equations are given in variables X and Y. You have to solve these equations and determine relation between X and Y. (+1, -0.25)

**Salaries** of bank (1)/ **employees** are (2)/ **likely** to go (3)/ **above** by ten percent. (4)

- a. 1
- b. 2
- c. 3
- d. 4
- e. All correct

---

30. **Direction:** In the following question two equations are given in variables X and Y. You have to solve these equations and determine relation between (+1, -0.25)

X and Y.

He was a **member** (1)/ of the **original** (2)/ committee which - **drafted** (3)/ these **recommendations**. (4)/ All correct (5)

a. 1

b. 2

c. 3

d. 4

e. 5

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## Reasoning Ability

31. **Direction:** Study the following information to answer the given questions. (+1, -0.25)

Eight people are sitting in two parallel rows containing four people each, in such a way that there is an equal distance between adjacent persons. In row-1 J, K, L and M are seated (but not necessarily in the same order) and all of them are facing North. In row-2 P, Q, R and S are seated (but not necessarily in the same order) and all of them are facing South. Therefore, in the given seating arrangement each member seated in a row faces another member of the other row. P sits second to right of S. M sits to immediate right of the person facing P. Only one person sits between J and L. L does not face S. Q is an immediate neighbor of P. Q does not face M.

Which of the following is true regarding P?

- a. P sits at one of the extreme ends of the line
- b. P sits to immediate right of Q
- c. L faces S
- d. Q is an immediate neighbor of R
- e. K is an immediate neighbor of person who faces P

32. **Direction:** Study the following information to answer the given questions. (+1, -0.25)

Eight people are sitting in two parallel rows containing four people each, in such a way that there is an equal distance between adjacent persons. In row-1 J, K, L and M are seated (but not necessarily in the same order) and all of them are facing North. In row-2 P, Q, R and S are seated (but not necessarily in the same order) and all of them are facing South. Therefore, in the given seating arrangement each member seated in a row faces another member of the other row. P sits second to right of S. M sits to

immediate right of the person facing P. Only one person sits between J and L. L does not face S. Q is an immediate neighbor of P. Q does not face M.

Who amongst the following faces R?

- a. L
- b. J
- c. M
- d. K
- e. Cannot be determined

---

**33. Direction:** Study the following information to answer the given questions. (+1, -0.25)

Eight people are sitting in two parallel rows containing four people each, in such a way that there is an equal distance between adjacent persons. In row-1 J, K, L and M are seated (but not necessarily in the same order) and all of them are facing North. In row-2 P, Q, R and S are seated (but not necessarily in the same order) and all of them are facing South. Therefore, in the given seating arrangement each member seated in a row faces another member of the other row. P sits second to right of S. M sits to immediate right of the person facing P. Only one person sits between J and L. L does not face S. Q is an immediate neighbor of P. Q does not face M.

Who amongst the following sits second to the right of the person who faces M?

- a. S
- b. Q

- c. P
- d. R
- e. Cannot be determined

34. **Direction:** Study the following information to answer the given questions. (+1, -0.25)

Eight people are sitting in two parallel rows containing four people each, in such a way that there is an equal distance between adjacent persons. In row-1 J, K, L and M are seated (but not necessarily in the same order) and all of them are facing North. In row-2 P, Q, R and S are seated (but not necessarily in the same order) and all of them are facing South. Therefore, in the given seating arrangement each member seated in a row faces another member of the other row. P sits second to right of S. M sits to immediate right of the person facing P. Only one person sits between J and L. L does not face S. Q is an immediate neighbor of P. Q does not face M.

Who amongst the following faces K?

- a. P
- b. R
- c. S
- d. Q
- e. Cannot be determined

35. **Direction:** Study the following information to answer the given questions. (+1, -0.25)

Eight people are sitting in two parallel rows containing four people each, in such a way that there is an equal distance between adjacent persons. In

row-1 J, K, L and M are seated (but not necessarily in the same order) and all of them are facing North. In row-2 P, Q, R and S are seated (but not necessarily in the same order) and all of them are facing South. Therefore, in the given seating arrangement each member seated in a row faces another member of the other row. P sits second to right of S. M sits to immediate right of the person facing P. Only one person sits between J and L. L does not face S. Q is an immediate neighbor of P. Q does not face M.

Which is the one that does not belong to that group?

- a. K
- b. J
- c. P
- d. Q
- e. S

36. **Direction:** Study the information given below and answer the questions based on it. (+1, -0.25)

There are eight friends in a group, A, B, C, D, P, Q, R and S. They have their birthdays in one of the following months – January, April, September, and December. In each month there are two birthdays. The birthdays are either on 14th or 23rd of any given month. C and P have birthdays in month having 31 days. There are at least two birthdays between A and S. A does not have birthday in January. B has birthday in September. S's birthday is immediately after B's. P's birthday is not on 14th of any month. B's birthday is somewhere after C's. There are two birthdays between C and D. B and P have birthdays on same date. Similarly, A and R have birthdays on same date. D and S do not have birthdays on same date. Q does not like December month.

Who has birthday on September 14?

- a. C
- b. A
- c. R
- d. S
- e. None of these

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37. **Direction:** Study the information given below and answer the questions based on it. (+1, -0.25)

There are eight friends in a group, A, B, C, D, P, Q, R and S. They have their birthdays in one of the following months – January, April, September, and December. In each month there are two birthdays. The birthdays are either on 14th or 23rd of any given month. C and P have birthdays in month having 31 days. There are at least two birthdays between A and S. A does not have birthday in January. B has birthday in September. S's birthday is immediately after B's. P's birthday is not on 14th of any month. B's birthday is somewhere after C's. There are two birthdays between C and D. B and P have birthdays on same date. Similarly, A and R have birthdays on same date. D and S do not have birthdays on same date. Q does not like December month.

Who has birthday on January 23?

- a. A
- b. Q
- c. B
- d. P

e. S

38. **Direction:** Study the information given below and answer the questions based on it. (+1, -0.25)

There are eight friends in a group, A, B, C, D, P, Q, R and S. They have their birthdays in one of the following months – January, April, September, and December. In each month there are two birthdays. The birthdays are either on 14th or 23rd of any given month. C and P have birthdays in month having 31 days. There are at least two birthdays between A and S. A does not have birthday in January. B has birthday in September. S's birthday is immediately after B's. P's birthday is not on 14th of any month. B's birthday is somewhere after C's. There are two birthdays between C and D. B and P have birthdays on same date. Similarly, A and R have birthdays on same date. D and S do not have birthdays on same date. Q does not like December month.

Which of the following pairs have their birthdays on 14 of any month?

- a. A, D
  - b. R, B
  - c. S, P
  - d. A, S
  - e. None of these
39. **Direction:** Study the information given below and answer the questions based on it. (+1, -0.25)

There are eight friends in a group, A, B, C, D, P, Q, R and S. They have their birthdays in one of the following months – January, April, September, and December. In each month there are two birthdays. The birthdays are

either on 14th or 23rd of any given month. C and P have birthdays in month having 31 days. There are at least two birthdays between A and S. A does not have birthday in January. B has birthday in September. S's birthday is immediately after B's. P's birthday is not on 14th of any month. B's birthday is somewhere after C's. There are two birthdays between C and D. B and P have birthdays on same date. Similarly, A and R have birthdays on same date. D and S do not have birthdays on same date. Q does not like December month.

How many birthdays are there between C and B?

- a. ONE
- b. TWO
- c. THREE
- d. FOUR
- e. FIVE

40. **Direction:** Study the information given below and answer the questions based on it. (+1, -0.25)

There are eight friends in a group, A, B, C, D, P, Q, R and S. They have their birthdays in one of the following months – January, April, September, and December. In each month there are two birthdays. The birthdays are either on 14th or 23rd of any given month. C and P have birthdays in month having 31 days. There are at least two birthdays between A and S. A does not have birthday in January. B has birthday in September. S's birthday is immediately after B's. P's birthday is not on 14th of any month. B's birthday is somewhere after C's. There are two birthdays between C and D. B and P have birthdays on same date. Similarly, A and R have birthdays on same date. D and S do not have birthdays on same date. Q does not like December month.

Which of the following combination is correct?

- a. A - January
- b. B - April
- c. P - September
- d. C - December
- e. R - September

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41. **Direction:** Study the information given below and answer the questions based on it. (+1, -0.25)

Six persons J, K, L, M, N and O measured their weight. No two persons have the same weight. J is heavier than L but lighter than M. O is lighter than both N and L. M is not the heaviest. All the persons are heavier than K. N is heavier than L. The weight of the second highest person is 100kg. The weight of the second lowest person is 30kg.

From the given option, who among the following is the heaviest?

- a. N
- b. M
- c. J
- d. L
- e. O

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42. **Direction:** Study the information given below and answer the questions based on it. (+1, -0.25)

Six persons J, K, L, M, N and O measured their weight. No two persons have the same weight. J is heavier than L but lighter than M. O is lighter than both N and L. M is not the heaviest. All the persons are heavier than K. N is heavier than L. The weight of the second highest person is 100kg. The weight of the second lowest person is 30kg.

If the sum of weights of L and J is 180kg, what could be the possible weight of K?

- a. 100kg
- b. 80kg
- c. 95kg
- d. 110kg
- e. Can't be determined

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**43. Direction:** Study the information given below and answer the questions based on it. (+1, -0.25)

Six persons J, K, L, M, N and O measured their weight. No two persons have the same weight. J is heavier than L but lighter than M. O is lighter than both N and L. M is not the heaviest. All the persons are heavier than K. N is heavier than L. The weight of the second highest person is 100kg. The weight of the second lowest person is 30kg.

Who is the third lightest?

- a. L
- b. J
- c. M
- d. K

e. None of these

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**44. Direction:** Study the information given below and answer the questions based on it. (+1, -0.25)

Six persons J, K, L, M, N and O measured their weight. No two persons have the same weight. J is heavier than L but lighter than M. O is lighter than both N and L. M is not the heaviest. All the persons are heavier than K. N is heavier than L. The weight of the second highest person is 100kg. The weight of the second lowest person is 30kg.

What may be the possible weight of N?

- a. 90 kg
- b. 20 kg
- c. 110 kg
- d. 95 kg
- e. None of these

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**45. Direction:** Study the information given below and answer the questions based on it. (+1, -0.25)

Six persons J, K, L, M, N and O measured their weight. No two persons have the same weight. J is heavier than L but lighter than M. O is lighter than both N and L. M is not the heaviest. All the persons are heavier than K. N is heavier than L. The weight of the second highest person is 100kg. The weight of the second lowest person is 30kg.

If A's weight is 125kg; he would be lighter than how many persons?

- a. Can't be determined

- b. Three
- c. Two
- d. One
- e. More than three

46. **Direction:** In each question below three statement followed by two conclusions numbered I and II. You have to take the two given statements to be true even if they seem to be at variance with commonly known facts and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts. Give answer (+1, -0.25)

**Statements:**

$$G > S = L,$$

$$N > P \geq G$$

**Conclusions:**

I.  $P > S$

II.  $L < N$

- a. If only conclusion I follows.
- b. If only both conclusions I and II follows.
- c. If only conclusion Either I or II follows.
- d. If only conclusion Neither I nor II follows.
- e. If only conclusion II follows.

47. **Direction:** In each question below three statement followed by two conclusions numbered I and II. You have to take the two given statements to be true even if they seem to be at variance with commonly known facts and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts. Give answer (+1, -0.25)

**Statement:**

$$P < K > R > N = S < O$$

**Conclusions:**

I.  $K > S$

II.  $O > P$

- a. If only conclusion I follows.
- b. If only conclusion II follows.
- c. If only conclusion Either I or II follows.
- d. If only conclusion Neither I nor II follows.
- e. If only both conclusions I and II follows.

48. **Direction:** In each question below three statement followed by two conclusions numbered I and II. You have to take the two given statements to be true even if they seem to be at variance with commonly known facts and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts. Give answer (+1, -0.25)

**Statements:**

$$S > M > H,$$

$$C = Q > K,$$

$$S = C$$

**Conclusions:**

I.  $C > H$

II.  $Q > M$

- a. Neither conclusion I nor II follows.
- b. Both conclusions I and II follow.
- c. Either conclusion I or II follows.
- d. Only conclusion I follows.
- e. Only conclusion II follows.

---

**49. Direction:** In each question below three statement followed by two conclusions numbered I and II. You have to take the two given statements to be true even if they seem to be at variance with commonly known facts and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts. Give answer (+1, -0.25)

**Statements:**

$$S > M > H,$$

$$C = Q > K,$$

$$S = C$$

**Conclusions:**

I.  $K < H$

II.  $M > K$

- a. If only conclusion I follows.

- b. If only conclusion II follows.
  - c. If only conclusion Either I or II follows.
  - d. If only conclusion Neither I nor II follows.
  - e. If only both conclusions I and II follows.
- 

50. **Direction:** The following questions are based on the five three-letter words **(+1, -0.25)** given below.

617 829 876 384 732

If in the positions of the first and the third numbers are interchanged within the number, which of the following will be the third highest number?

- a. 617
  - b. 829
  - c. 876
  - d. 384
  - e. 732
- 

51. **Direction:** The following questions are based on the five three-letter words **(+1, -0.25)** given below.

617 829 876 384 732

If in each element, all the three digits are arranged in decending order within the number, which of the following will be second lowest number?

- a. 617

- b. 876
  - c. 384
  - d. 829
  - e. None of these
- 

52. **Direction:** The following questions are based on the five three-letter words **(+1, -0.25)** given below.

617 829 876 384 732

If in each number of the first two digits are replaced by their sum, which number will be largest?

- a. 829
  - b. 617
  - c. 384
  - d. 876
  - e. None of these
- 

53. **Direction:** The following questions are based on the five three-letter words **(+1, -0.25)** given below.

617 829 876 384 732

If one is added to the first digit of each of the numbers, in how many numbers thus formed will the first digit be perfect square?

- a. None

- b. One
  - c. Two
  - d. Three
  - e. None of these
- 

54. **Direction:** The following questions are based on the five three-letter words **(+1, -0.25)** given below.

617 829 876 384 732

If one is added to the smallest even number and one is subtracted from the highest odd number, which of the following will be obtained if the second digit of the lower number formed is subtracted from the second digit of the higher number so formed??

- a. 2
  - b. 3
  - c. 4
  - d. 5
  - e. None of these
- 

55. In the following question, select the odd letter from the given alternatives. **(+1, -0.25)**

- a. CH
- b. UZ
- c. MR

d. IN

e. YE

---

56. **Direction:** Study the information given below and answer the questions based on it. (+1, -0.25)

Point S is 40 m towards the North of Point P. Point Q is 15 m towards the West of point S. Point U is 25 m towards the West of point S. Point T is 20 m towards the South of point Q. Point R is 15 m towards the East of point T. Point V is 15 m towards the West of point P.

Which of the following points are in a straight line?

- a. S, T, P
- b. T, V, R
- c. S, Q, V
- d. T, V, Q
- e. U, Q, R

---

57. **Direction:** Study the information given below and answer the questions based on it. (+1, -0.25)

Point S is 40 m towards the North of Point P. Point Q is 15 m towards the West of point S. Point U is 25 m towards the West of point S. Point T is 20 m towards the South of point Q. Point R is 15 m towards the East of point T. Point V is 15 m towards the West of point P.

P is in which direction with respect to R?

- a. South

- b. North
- c. East
- d. West
- e. Cannot be determined

58. **Direction:** Study the information given below and answer the questions based on it. (+1, -0.25)

Point S is 40 m towards the North of Point P. Point Q is 15 m towards the West of point S. Point U is 25 m towards the West of point S. Point T is 20 m towards the South of point Q. Point R is 15 m towards the East of point T. Point V is 15 m towards the West of point P.

If a person walks 10 m towards East from point U and then takes a right turn, which of the following points would he reach first?

- a. V
- b. S
- c. T
- d. P
- e. R

59. 1' is subtracted from each odd digit and '1' is added to each even digit in the number 4873529. Which of the following will be the difference between the second digit from the left and the third digit from the right of the new number thus formed? (+1, -0.25)

- a. 4

- b. 3
  - c. 5
  - d. 2
  - e. 6
- 

60. If each alternate letter in the word 'MENTION' starting with M is changed to the next letter in the English alphabetical series and each of the remaining letters is changed to the previous letter in the English alphabetical series then how many letters will appear more than once in the new arrangement? (+1, -0.25)

- a. None
- b. One
- c. Two
- d. Three
- e. Four



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61. How many such digits are there in the number 92841637 each of which remain same in the number as when the digits are arranged in descending order within the number? (+1, -0.25)

- a. None
- b. One
- c. Two
- d. Three

e. More than three

---

62. In the following question, select the related number from the given alternatives. (+1, -0.25)

REFERENCE : 956595535 :: PRINTER : ?

- a. 7995359
  - b. 7995259
  - c. 7995459
  - d. 7995959
- 

63. **Direction:** Study the information given below and answer the questions based on it. (+1, -0.25)

There are six persons in a generation namely M, N, O, X, Y and Z. Z is the brother of O. N is the brother of Y's husband and uncle of Z. X is the father of M and grandfather of Z.

How many male members are there in the group?

- a. two
  - b. three
  - c. four
  - d. five
  - e. Either four or five
- 

64. **Direction:** Study the information given below and answer the questions based on it. (+1, -0.25)

There are six persons in a generation namely M, N, O, X, Y and Z. Z is the brother of O. N is the brother of Y's husband and uncle of Z. X is the father of M and grandfather of Z.

Who is the father of Y?

- a. Z
- b. X
- c. N
- d. Can't be determined
- e. None of these

---

65. **Direction:** Study the information given below and answer the questions based on it. (+1, -0.25)

There are six persons in a generation namely M, N, O, X, Y and Z. Z is the brother of O. N is the brother of Y's husband and uncle of Z. X is the father of M and grandfather of Z.

Which of the following may be the possible pairs of females?

- a. XM
- b. OY
- c. MN
- d. ZN
- e. None of these

## Numerical Ability

66. **Direction:** Study the following information carefully and answer the given questions. (+1, -0.25)

Among 800 cricket players, 45% played in IPL –1 and 6.25% played only in IPL –1. Again, 57.5% players played in IPL –2 and 11.25% players played only in IPL –2. Again, 72.5% players played in IPL –3 and 27.5% players played only in IPL –3. Twenty per cent players played in all three IPL tournaments.

How many players are there who played in IPL –1 or IPL –2 or in both but not in IPL –3?

- a. 210
- b. 190
- c. 120
- d. 220
- e. None of these

- 
67. **Direction:** Study the following information carefully and answer the given questions. (+1, -0.25)

Among 800 cricket players, 45% played in IPL –1 and 6.25% played only in IPL –1. Again, 57.5% players played in IPL –2 and 11.25% players played only in IPL –2. Again, 72.5% players played in IPL –3 and 27.5% players played only in IPL –3. Twenty per cent players played in all three IPL tournaments.

What is the percentage of players who did not play IPL –1?

- a. 55%
- b. 56.25%

- c. 75%
- d. 45%
- e. None of these

---

**68. Direction:** Study the following information carefully and answer the given questions. (+1, -0.25)

Among 800 cricket players, 45% played in IPL –1 and 6.25% played only in IPL –1. Again, 57.5% players played in IPL –2 and 11.25% players played only in IPL –2. Again, 72.5% players played in IPL –3 and 27.5% players played only in IPL –3. Twenty per cent players played in all three IPL tournaments.

What is the percentage of the number of players who played in at least two IPL tournaments?

- a. 30%
- b. 35%
- c. 45%
- d. 50%
- e. 55%

---

**69. Direction:** Study the following information carefully and answer the given questions. (+1, -0.25)

Among 800 cricket players, 45% played in IPL –1 and 6.25% played only in IPL –1. Again, 57.5% players played in IPL –2 and 11.25% players played only in IPL –2. Again, 72.5% players played in IPL –3 and 27.5% players played only in IPL –3. Twenty per cent players played in all three IPL tournaments.

What is the ratio of the number of players playing either in only IPL-1 or in only IPL-2 and the number of players, who playing all three IPLs?

- a. 5 : 8
- b. 7 : 5
- c. 8 : 7
- d. 7 : 8
- e. None of these

---

70. **Direction:** Study the following information carefully and answer the given questions. (+1, -0.25)

Among 800 cricket players, 45% played in IPL -1 and 6.25% played only in IPL -1. Again, 57.5% players played in IPL -2 and 11.25% players played only in IPL -2. Again, 72.5% players played in IPL -3 and 27.5% players played only in IPL -3. Twenty per cent players played in all three IPL tournaments.

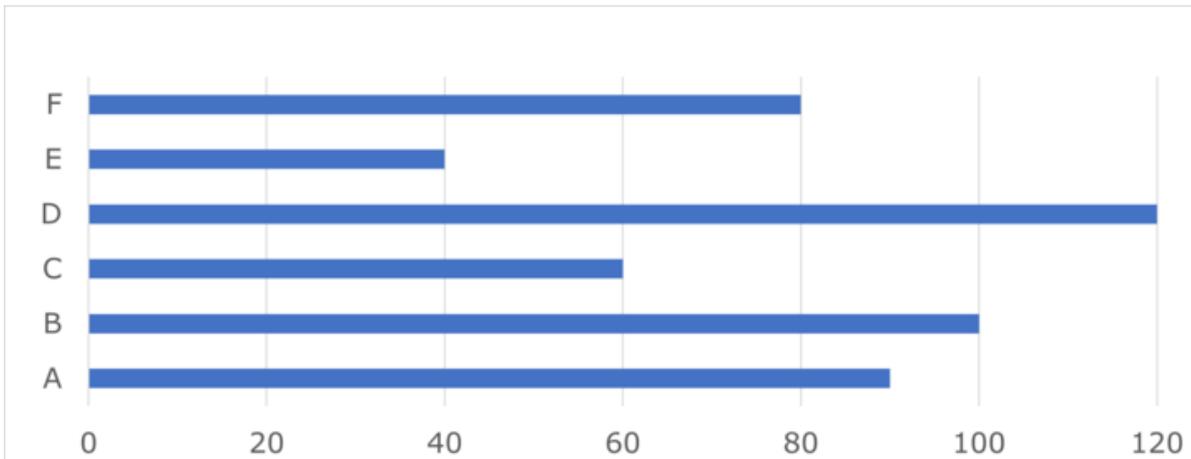
What percentage more/less than the number of players who played in at least one IPL?

- a. 55% more
- b. 55% less
- c. 40% more
- d. 40% less
- e. None of these

---

71. **Direction:** Read the information given below carefully and answer the (+1, -0.25)

questions that follow. The Bar-chart given below shows the number of books sold by 6 different (A, B, C, D, E, F) shopkeepers in March 2018.



Books sold by shopkeeper A is what percent more or less than books sold by shopkeeper C and E together?

a. 10% more

b. 10% less

$\frac{100}{9} \%$

c. More

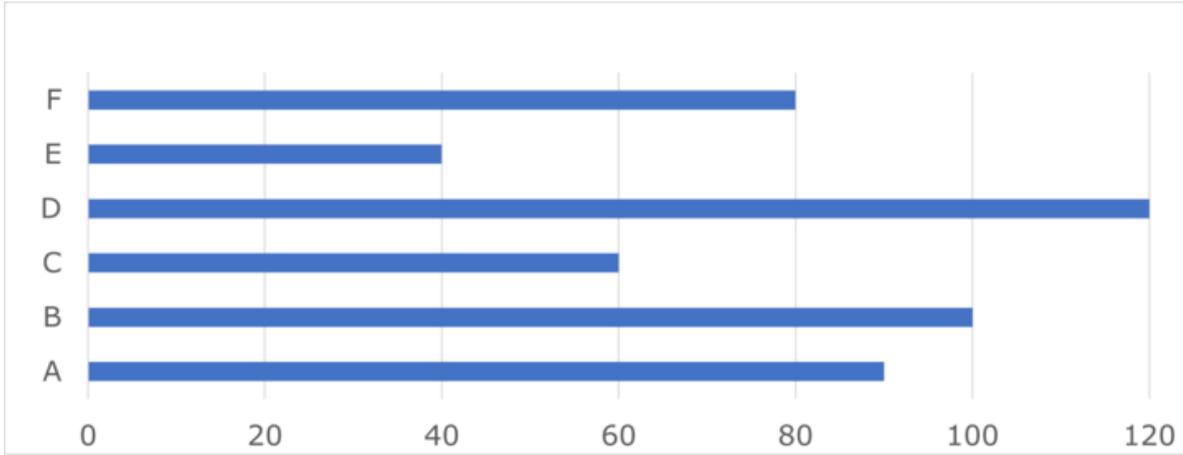
$\frac{100}{9} \%$

d. Less

e. None of these

72. **Direction:** Read the information given below carefully and answer the questions that follow. The Bar-chart given below shows the number of books sold by 6 different (A, B, C, D, E, F) shopkeepers in March 2018.

(+1, -0.25)

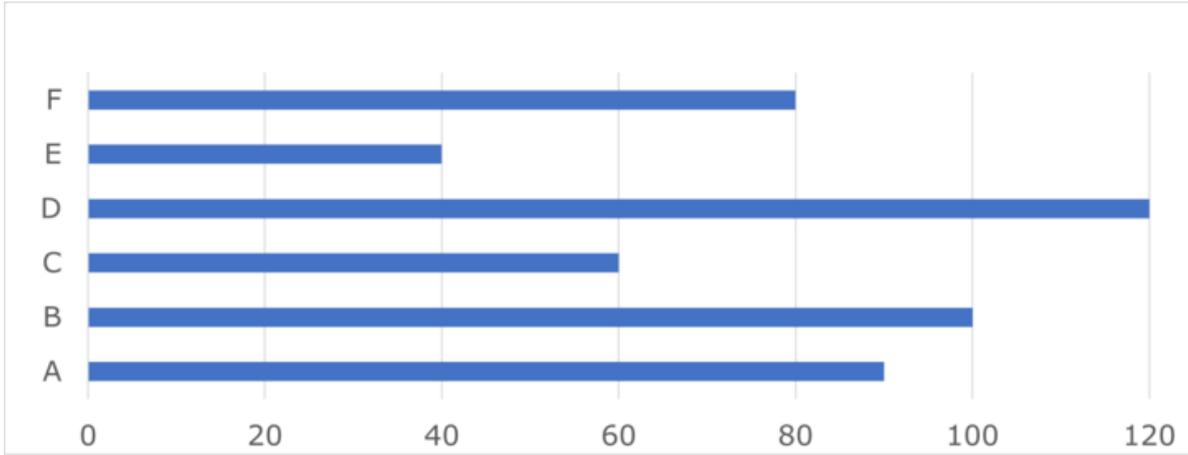


If books sold by shopkeeper B in month of February is 20% less of what he sold in March and books sold by shopkeeper C in month of February is 20% more than what he sold in March then find the approximate percent change in selling of books by shopkeeper B and C together in month of March compared to last month?

- a. 5%
- b. 10%
- c. 15%
- d. 20%
- e. 25%

73. **Direction:** Read the information given below carefully and answer the questions that follow. The Bar-chart given below shows the number of books sold by 6 different (A, B, C, D, E, F) shopkeepers in March 2018.

(+1, -0.25)

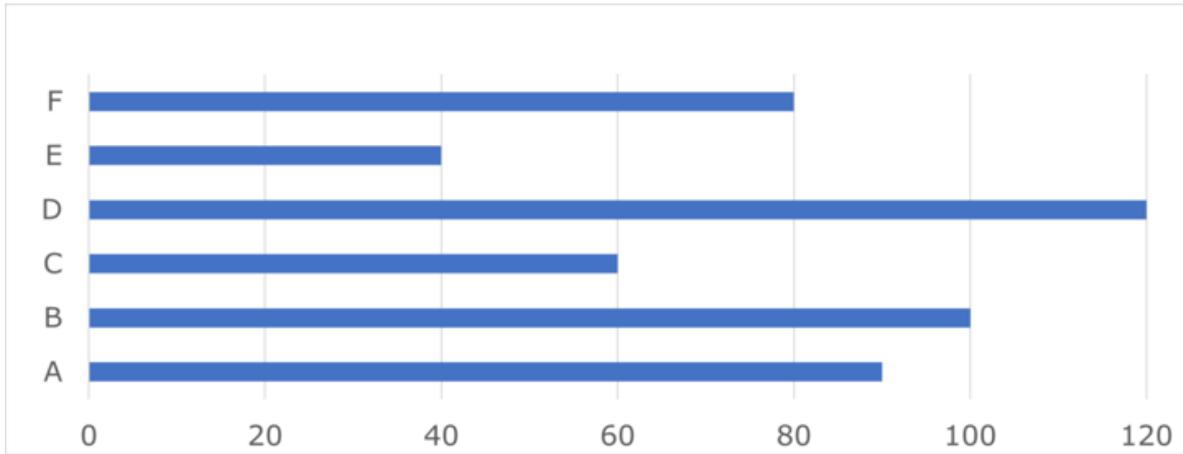


What is the average number of books(approx.) sold in month of march by all 6 shopkeepers?

- a. 85
- b. 75
- c. 90
- d. 82
- e. 78

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**74. Direction:** Read the information given below carefully and answer the questions that follow. The Bar-chart given below shows the number of books sold by 6 different (A, B, C, D, E, F) shopkeepers in March 2018. (+1, -0.25)



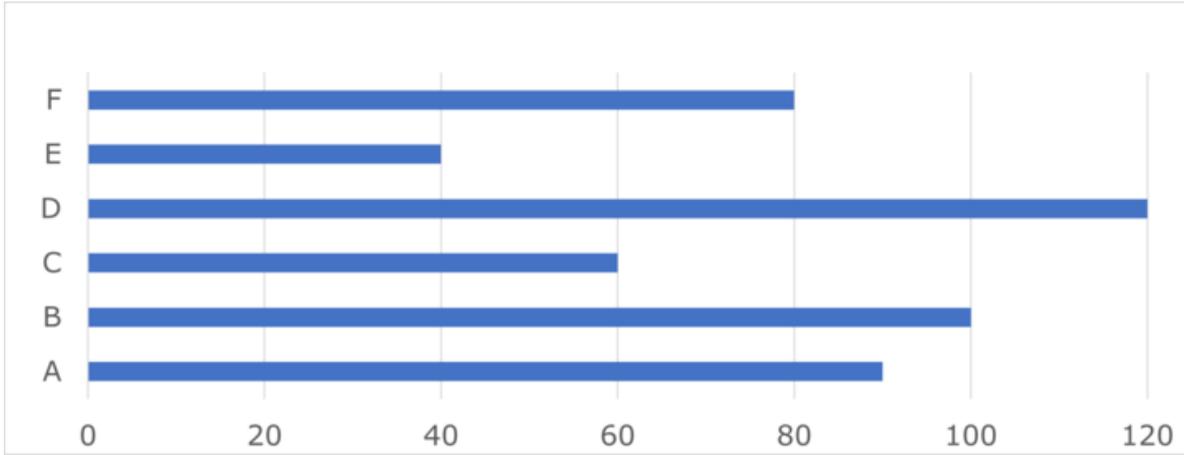
If books sold by shopkeeper F increases by 10% and books sold by shopkeeper A decreases by 20% in next month, then what will be the ratio of books sold by shopkeeper A to F in next month?

- a. 11 : 9
- b. 11 : 5
- c. 9 : 12
- d. 9 : 11
- e. None of These

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75. **Direction:** Read the information given below carefully and answer the questions that follow. The Bar-chart given below shows the number of books sold by 6 different (A, B, C, D, E, F) shopkeepers in March 2018.

(+1, -0.25)



Number of books sold by shopkeepers B & D is how much more than the number of books sold by shopkeepers C & F?

- a. 140
- b. 135
- c. 150
- d. 80
- e. 100

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76. **Direction:** What value should come in place of the question mark (?) in the following question? (+1, -0.25)

$$4\frac{3}{7} + 2\frac{1}{6} - 4\frac{1}{3} = ? - 2\frac{3}{4}$$

- a.  $5\frac{3}{84}$
- b.  $5\frac{1}{84}$

c.  $5\frac{5}{84}$

d.  $5\frac{1}{28}$

e. None of these

---

77. **Direction:** What value should come in place of the question mark (?) in the following question? (+1, -0.25)

$$45\% \text{ of } 300 + (?)^{1/2} = 56\% \text{ of } 750 - 10\% \text{ of } 250$$

a. 130

b. 2600

c. 260

d. 67600

e. 676

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78. **Direction:** What value should come in place of the question mark (?) in the following question? (+1, -0.25)

$$12\% \text{ of } 450 + ? \% \text{ of } 200 = 83$$

a. 28.2

b. 14.5

c. 30.5

d. 12.6

e. 14.8

---

79. **Direction:** What value should come in place of the question mark (?) in the following question? (+1, -0.25)

$$125\% \text{ of } 3060 - 85\% \text{ of } ? = 408$$

a. 2805

b. 1900

c. 3001

d. 1200

e. 4020

---

80. **Direction:** What value should come in place of the question mark (?) in the following question? (+1, -0.25)

$$(42.8 * 6 * 5) / 12 - (10)^2 = (?)^2$$

a. 7

b.  $\sqrt{7}$

c.  $(107)^2$

d. -7

e. 49

81. P, Q and R can complete the whole work in 20 days. P starts the work and works for 'x' days while Q and R completes the remaining (+1, -0.25)



of the work in 14 days then find the value of x.

- a. 42
- b. 40
- c. 16
- d. 28
- e. 19
- 
82. Two pipes M and N can fill a cistern in 25 minutes and 35 minutes respectively. If both the pipes are opened together, then after how much (+1, -0.25)

time (in minutes) should M be closed so that the tank is full in 21 minutes?

- a. 11 min
- b. 21 min
- c. 10 min
- d. 15 min
- e. None of the above

---

83. If a sum on compound interest becomes 4 times in 4 years, then with the same interest rate, the sum will become 64 times in (+1, -0.25)

- a. 12 years
- b. 15 years
- c. 8 years
- d. 16 years
- e. None of these

---

84. The average marks of three students A , B and C is 85. Another man D enters the group of these three and makes the average 80. Now, a man E whose marks are 4 more than D, replaces B and the average of A,C,D and E becomes 78. What are the marks of B? (+1, -0.25)

- a. 78
- b. 69
- c. 77

- d. 68
  - e. None of these
- 

85. The present age of Rakesh is one-fourth of the age of his brother. Five years hence their ages will be in ratio 2 : 5 then find the age of Rakesh's mother if the average age of these three persons is 20 years? (+1, -0.25)

- a. 35 years
  - b. 41 years
  - c. 27 years
  - d. 47 years
  - e. 24 years
- 

86. **Direction:** What should come in place of question mark (?) in the following question? (You do not have to calculate the exact value.) (+1, -0.25)

$$44.03\% \times 25.04 + 11.01\% \times 144.98 = ?$$

- a. 65
  - b. 27
  - c. 46
  - d. 20
  - e. 35
- 

87. **Direction:** What should come in place of question mark (?) in the following (+1, -0.25)

question? (You do not have to calculate the exact value.)

$$427.95 - 239.997 \div (11.98\% \text{ of } 25) = ?$$

- a. 300
- b. 450
- c. 420
- d. 540
- e. 350

---

**88. Direction:** What should come in place of question mark (?) in the following question? (You do not have to calculate the exact value.) **(+1, -0.25)**

$$45\% \text{ of } 872.001 + 78.945 \times 12.014 \div 3.031 = ?$$

- a. 780
- b. 708
- c. 820
- d. 680
- e. 620

---

**89. Direction:** What should come in place of question mark (?) in the following question? (You do not have to calculate the exact value.) **(+1, -0.25)**

$$7399.999 \div 375.001 \times 14.997 = ?$$

- a. 300

- b. 375
- c. 452
- d. 358
- e. 280

---

90. **Direction:** What should come in place of question mark (?) in the following question? (You do not have to calculate the exact value.) (+1, -0.25)

$$(14.98)^2 - (12.99)^2 + 45.95 = ? + (4.001)^2$$

- a. 46
- b. 95
- c. 86
- d. 69
- e. 78

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91. Three partners A, B and C start a business. B's capital is four times C's capital and six times of A's capital is equal C's capital. If the total profit is Rs 15500 at the end of a year, find out B's share in it. (+1, -0.25)

- a. 15420
- b. 16480
- c. 17310
- d. 12000

e. None of the above

---

92. A man rows 20 km in still water. If by increasing his speed by 50% he can travel upstream the same distance in  $5/6^{\text{th}}$  time required in still water, find the ratio of the speed of the boat to the speed of stream. (+1, -0.25)

a. 20 : 3

b. 10 : 7

c. 7 : 5

d. Can't be determined

e. None of these

---

93. A person, instead of expressing  $4/5$  as a percent, expressed  $5/4$  as a percent. What is the difference in percentages? (+1, -0.25)

a. 25

b. 50

c. 55

d. 60

e. 45

---

94. A wire when bent in the form of a square encloses an area of 484 sq. cm. What will be the enclosed area when the same wire is bent in the form of a circle? (Take  $\pi = 22/7$ ) (+1, -0.25)

a. 729 sq cm

---

- b. 512 sq cm
- c. 616 sq cm
- d. 565 sq cm
- e. None of these

95. The angles of a triangle are in the ratio of 3 : 5 : 4. What is the difference between twice the smallest angle and the second largest angle of the triangle? (+1, -0.25)

- a. 25 °
- b. 10 °
- c. 45 °
- d. 30 °
- e. None of these

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96. **Direction:** What should come at the place of question mark (?) in the following question? (+1, -0.25)

$$\sqrt{?} \% \text{ of } 160 = 64 \div 2$$

- a. 40
- b. 400
- c. 20

d.  $\sqrt{20}$

e. None of these

---

97. **Direction:** What should come at the place of question mark (?) in the following question? (+1, -0.25)

$$17\% \text{ of } 742 - ?\% \text{ of } 600 = \sqrt{625} - \sqrt{1369}$$

a. 21.77

b. 22.78

c. 23.02

d. 29.34

e. 24.69

---

98. **Direction:** What should come at the place of question mark (?) in the following question? (+1, -0.25)

$$63^{2.3} \times 81^{5.85} \times 7^{2.3} \times 49^{4.7} = 63^?$$

a. 27

b. 14

c. 18

d. 21

e. 24

99. **Direction:** What should come at the place of question mark (?) in the following question?

(+1, -0.25)

$$\sqrt{(432.67 - 152.24 + 231.57) + 16} = ?$$

- a. 11.5
- b. 6.75
- c. 5.65
- d. 13.65
- e. 8.25

100. **Direction:** What should come at the place of question mark (?) in the following question?

(+1, -0.25)

$$874 - 357 + 319 = ? + (17)^2$$

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- a. 547
- b. 500
- c. 457
- d. 406
- e. 475

## Answers

### 1. Answer: a

#### Explanation:

A person admits something and not a newspaper, thus, B is incorrect. C, D and E are also inappropriate fits with reference to a newspaper. Thus, "States" is the best fit word here. Hence, option A is correct answer.

### 2. Answer: c

#### Explanation:

Since there is a context of getting late, 'hardly' should be used in the above sentence to indicate that there was no time available to catch the train. Hence, option C is the correct answer.

### 3. Answer: b

#### Explanation:

The sentence conveys a positive meaning which indicates that John wasn't hurt when he fell off his motorbike. This is an event which can be considered as favoured by or involving good luck; lucky.

Note: The blank requires an adjective to describe John in the given situation. Thus, "fortunate" should be used. "Fortune" is a noun. "Lucky" could have fit, if the sentence were to be rephrased in the following manner: "Lucky, John did not get hurt/ hurt himself after he fell off his bike."

**4. Answer: a**

**Explanation:**

We use 'during' before nouns and noun phrases to refer, 'when something happens over a period of time.' None of the prepositions other than "during" fit the given sentence. Thus, option A is the correct answer.

---

**5. Answer: d**

**Explanation:**

Here the sense conveyed is that the fog being too thick, appeared like clouds. You would walk "through" a fog or a tunnel, thus, option D is the best fit answer in the given context. 'Along' means to walk side by side and does not fit in the given context.

---

**6. Answer: a**

**Explanation:**

The correct sequence is SRQP.

S explains the possible consequence of learning basic plant anatomy. It is followed by R which says what can one "become", the word which is stated in (S). "Not only" is followed by "but also" therefore R is followed by P, but since the object of "not only" is mentioned in Q, P comes after Q. Thus, the correct sentence after rearrangement is SRQP.

---

**7. Answer: b**

**Explanation:**

P states whom does Miss Nelson teach Maths. It is followed by R which states the place where she teaches. It is followed by Q which says what she had done. The last part of the sentence should be S as it explains where the poetry competition took place. The correct sequence is PRQS.

---

**8. Answer: c**

**Explanation:**

P and S are mandatory pairs as they make logical sense Q carries the words which describe how the car goes. Thus, Q comes after P and S. Hence, R has to be the first part. The correct sequence after rearrangement is RPSQ.

---

**9. Answer: b**

**Explanation:**

The first statement must be S as none of the rest makes any sense. It introduces the subject of the sentence. Q must follow S as it mentions what she stares down at. R completes what she looks like. and P must follow R as the contrast after the conjunction 'but' is mentioned here. Thus the correct order is SQRP.

---

**10. Answer: c**

**Explanation:**

Either P or S can follow, but if we start with P, sentence will not make a complete sense. S which explains specific category of children being talked about. It is followed by R which describes the families of the children. It is followed by P which says that such children possess vocabulary knowledge. It is followed by Q which explains the number of vocabulary they know. So, the correct sequence is SRPQ.

---

## 11. Answer: b

### Explanation:

Grammatically P or S may follow the fixed part. But if we progress with P, the other parts will not make sense, thus we'll go with Q. Q has the verb 'have'. P must follow Q as it continues to mention the symptoms. R continues to mention the symptoms and comes after P as the conjunction "and" is mentioned here. It must be preceded by S as it mentions what impact the symptoms have on life. The correct sequence after rearrangement is QPRS.

---

## 12. Answer: c

### Explanation:

- I) The correct usage for "police officers" is "were".
- II) 'Car' is singular, so "was" should be used.
- III) This sentence is grammatically correct. "Engulfed" in flames is a correct expression.

Option C is the correct answer. Note: If one subject is singular (public) and the other is plural (officers), and the words are connected by the words "neither/nor", use the verb form of the subject (officers) that is nearest the verb.

---

## 13. Answer: a

### Explanation:

The presence of time word 'every' indicates the requirement of simple present. So, presence of 'is being' in (III) implying the use of present continuous is incorrect. "Office" is singular, thus, the plural verb "were" cannot be used. So, (III) is incorrect as well. The

only correct statement is (I). The simple present tense is used to talk about a habitual action. The given sentence mentions a daily activity concerning the cleaning of the office. So, the correct answer is option A.

---

**14. Answer: c**

**Explanation:**

Only alternative III is grammatically correct. The other alternatives use incorrect forms of tenses which render the sentences structurally and grammatically incorrect.

---

**15. Answer: c**

**Explanation:**

The given statement is in active voice. So, when stating a fact simple present should be used. Also soprano means the highest female voice in a choir. So, it cannot be sung. Hence, the correct option is C.

---

**16. Answer: b**

**Explanation:**

The whole passage talks about the state of disappointment one often goes through. In this state one thinks that things cannot be achieved. With the given segment, the author means that there are times that one thinks that dreams which one sees to fulfil and accomplish, seem too difficult to achieve. An imagination means fanciful thought which has no real bearing; so, if dreams appear to be parts of imagination, they are supposed to be difficult to be achieved. Thus, option B is the most appropriate answer.

---

17. **Answer: a**

**Explanation:**

According to the second paragraph of the passage, "People could tell you you're the future Einstein, but the words are pointless if it fails to convince the little voice inside your head. You control that little voice and thus you control your destiny." This means that unless a person is successful in convincing oneself that a particular thing can be achieved, it is impossible to actually achieve it. Thus, option A is the correct answer.

---

18. **Answer: d**

**Explanation:**

According to the third paragraph of the passage, "So if you are feeling exhausted and disheartened at the end of a tiring term, give yourself the opportunity to make peace with the fact that you cannot change your shortcomings." To make peace with a means to come to terms with a certain fact. Thus, option D is the correct answer.

---

19. **Answer: d**

**Explanation:**

According to the second paragraph of the passage, "You are consumed with self-doubt as to whether you were justified in making certain career decisions... Basically, you stop believing in yourself..." Thus, option D is the correct answer.

---

20. **Answer: b**

**Explanation:**

Redeem— rescue, save

Shed— discharge

Rescue— save

Dissipate— disappear

Distinguish— differentiate

Thus, option B is the correct answer.

---

**21. Answer: c**

**Explanation:**

Numerous— many

Gigantic— huge

Occasional— irregular

Umpteen— indefinitely many; a lot of

Infrequent— irregular

Exotic— foreign

Clearly, option C is the correct answer.

---

**22. Answer: b**

**Explanation:**

The quote by Einstein asserts that a fish who lives in water and has the ability to swim cannot be judged in terms of how good it is at climbing trees. Similarly, every person is unique and possesses unique qualities and cannot be termed stupid if he/ she is not able to excel in some other task. Thus, the uniqueness/ potential of every person should be realised before calling them incapable.

---

**23. Answer: c**

**Explanation:**

'Elude' mean 'to avoid'. 'Allude' means 'to make indirect reference to'. Hence, the correct word that should be used is 'Allude'. 'Elude' means to avoid, which is incorrect in the context. 'There' means 'at that place'. 'Their' is the possessive form of 'they' the correct word that should be used here is 'their'. Hence the correct option is C.

---

**24. Answer: b**

**Explanation:**

Restraining— preventing, limiting

Peccable— capable of sinning

Divulging— disclosing, revealing

Clearly, "achievable" carries the opposite meaning of "unattainable".

---

**25. Answer: a**

**Explanation:**

The word 'precede' (means: be in front of/ before) is not correct here and it should be replaced by 'proceed' (means: carry on). In the given sentence, it is conveyed that the process should not be taken forward until a specific condition is fulfilled.

---

**26. Answer: c**

**Explanation:**

The word 'scarcity' (means: rarity) is a noun, while in the given context the word should be used as an 'adverb' since 'available' is an adjective. Hence 'scarcely' (means: rarely) should be used. Correct sentence: Our branch is located in a remote area where water is scarcely available.

---

**27. Answer: c**

**Explanation:**

The word 'allowed' refers to permission while the word 'aloud' means loudly or audibly. Given the context, the latter makes more sense than the former. Thus, part C should be corrected. Option C is the correct answer.

---

**28. Answer: c**

**Explanation:**

"Convenience" is a noun which refers to the quality of being useful, easy, or suitable for someone; advantage. We need a verb in part 3 which signifies what should be done to them. The word "convince", which means to persuade, can fit appropriately in the given context.

---

29. Answer: d

**Explanation:**

Here 'up' should be used instead of 'above' to make the sentence correct with respect to the given context. When we use 'above' as a preposition, it means 'higher than'. 'Up' is defined as a preposition is used as a function word to indicate motion to or toward or situation at a higher point of something. So, the correct answer is option D.

30. Answer: b

**Explanation:**

The word 'original' used in the second part of sentence is misspelled. It should be correctly spelled as 'original'. Hence option B is the right answer.

31. Answer: e

**Explanation:**

Which of the following is true regarding P?

32. Answer: c

**Explanation:**

Who amongst the following faces R?

33. **Answer: b**

**Explanation:**

Who amongst the following sits second to the right of the person who faces M?

---

34. **Answer: d**

**Explanation:**

Who amongst the following faces K?

---

35. **Answer: c**

**Explanation:**

Which is the one that does not belong to that group?

---

36. **Answer: c**

**Explanation:**

Who has birthday on September 14?

---

37. **Answer: b**

**Explanation:**

Who has birthday on January 23?

38. Answer: d

**Explanation:**

Which of the following pairs have their birthdays on 14 of any month?

---

39. Answer: d

**Explanation:**

How many birthdays are there between C and B?

---

40. Answer: e

**Explanation:**

Which of the following combination is correct?

---

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---

41. Answer: a

**Explanation:**

According to the clues, we get

$M > J > L; N, N > L > O$  and M is not the heaviest.

Also, K is having the least. Merging the clues, we get

$N > M > J > L > O > K$  N is the heaviest of them all.

---

42. Answer: e

**Explanation:**

According to the clues, we get

$M > J > L$ ;  $N, N > L > O$  and M is not the heaviest.

Also, K is having the least. Merging the clues, we get

$N > M > J > L > O > K$  is the heaviest of them all.

We can't determine the individual weights of L and J. Thus, we can't comment on the possible weight of K.

43. Answer: a

**Explanation:**

According to the clues, we get

$M > J > L$ ;  $N, N > L > O$  and M is not the heaviest.

Also, K is having the least. Merging the clues, we get

$N > M > J > L > O > K$

44. Answer: c

**Explanation:**

According to the clues, we get

$M > J > L$ ;  $N, N > L > O$  and M is not the heaviest.

Also, K is having the least. Merging the clues, we get

$N > M > J > L > O > K$  is heavier than M. So, N is 110 kg.

---

45. Answer: a

**Explanation:**

According to the clues, we get

$M > J > L$ ;  $N, N > L > O$  and M is not the heaviest.

Also, K is having the least. Merging the clues, we get

$N > M > J > L > O > K$

As no weights are given. So, it can't be determined.

---

46. Answer: b

**Explanation:**

Statements:  $G > S = L, N > P \geq G$

$N > P \geq G > S = L$  Check for conclusion I  $P > S$  holds true. Check for conclusion II  $L < N$  holds true. So option 2) is correct.

---

47. Answer: a

**Explanation:**

Statement:  $P < K > R > N = S < O$  Check for option I:  $P < K > R > N = S < O, K > S$  holds true.

Check for option II:  $P < K > R > N = S < O, O > P$  does not hold true. So option I is correct.

---

48. Answer: b

**Explanation:**

Statement:  $K \leq Q = C = S > M > H$  Check for option I:  $K \leq Q = C = S > M > H$ ,  $C > H$  holds true.  
Check for option II:  $K \leq Q = C = S > M > H$   $Q > M$  holds true. So option 2 is correct.

---

49. Answer: d

**Explanation:**

Statement:  $K \leq Q = C = S > M > H$

Check for option I:  $K \leq Q = C = S > M > H$ ,  $K < H$  does not holds true.

Check for option II:  $K \leq Q = C = S > M > H$ ,  $M > K$  does not holds true. So option 4 is correct.

---

50. Answer: c

**Explanation:**

716, 928, 678, 483, 237 928 > 716 > 678 > 483 > 237

---

51. Answer: a

**Explanation:**

761, 982, 876, 843, 732 982 > 876 > 843 > 761 > 732

---

52. Answer: d

Explanation:

77, 109, 156, 114, 102 876 is largest number

---

53. Answer: d

Explanation:

717, 929, 976, 484, 832

---

54. Answer: e

Explanation:

617 829 876 385732 Second digit of highest number = 2  
Second digit of lowest number = 8  
 $\therefore$  Required number =  $8 - 2 = 6$

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55. Answer: e

Explanation:

The difference between the words in the given option is 5 except option E.

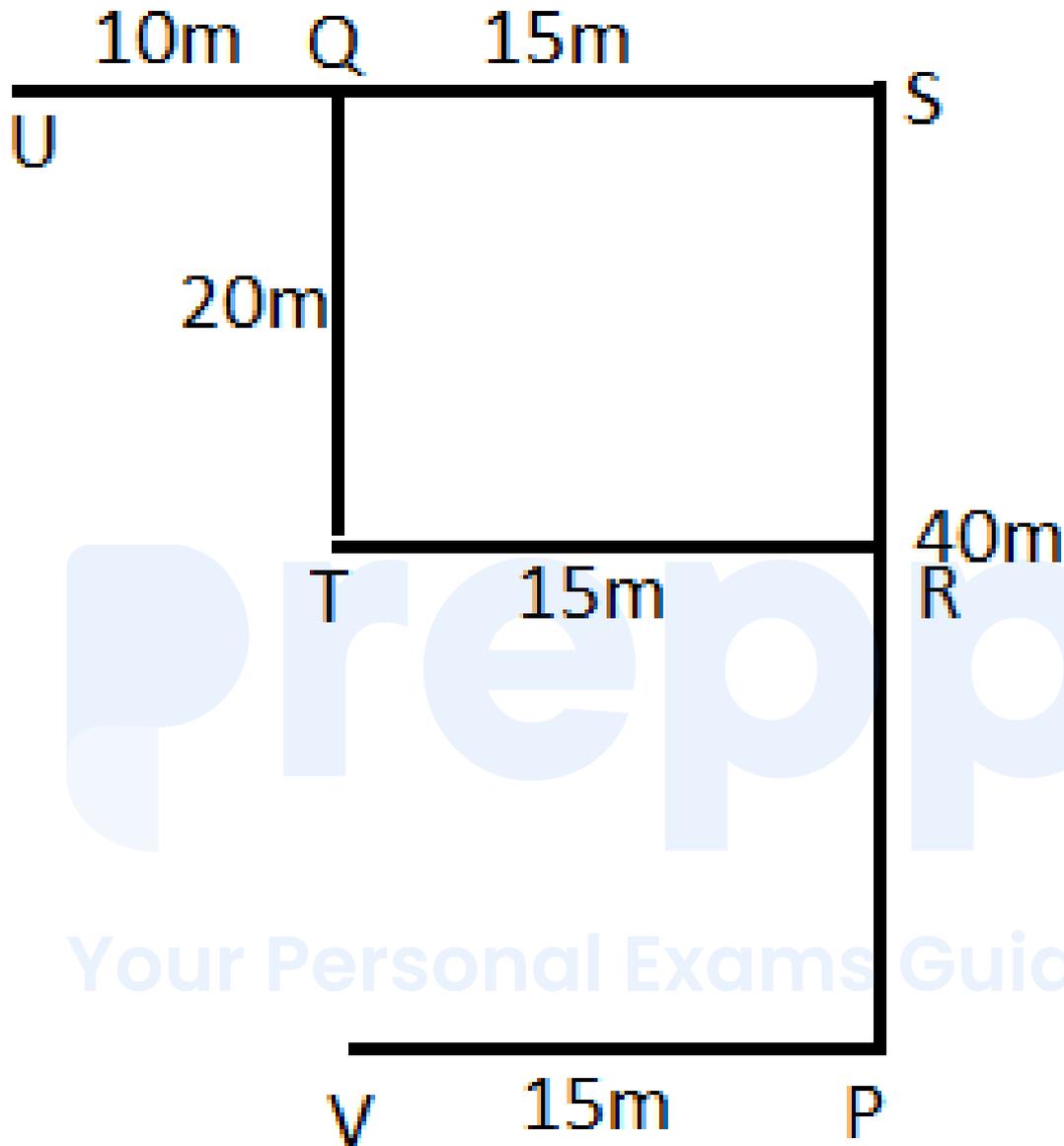
$C+5 = H$   $U+5 = Z$   $M+5 = R$   $I+5 = N$   $Y+6 = E$

Hence, option E is the correct response.

---

56. Answer: d

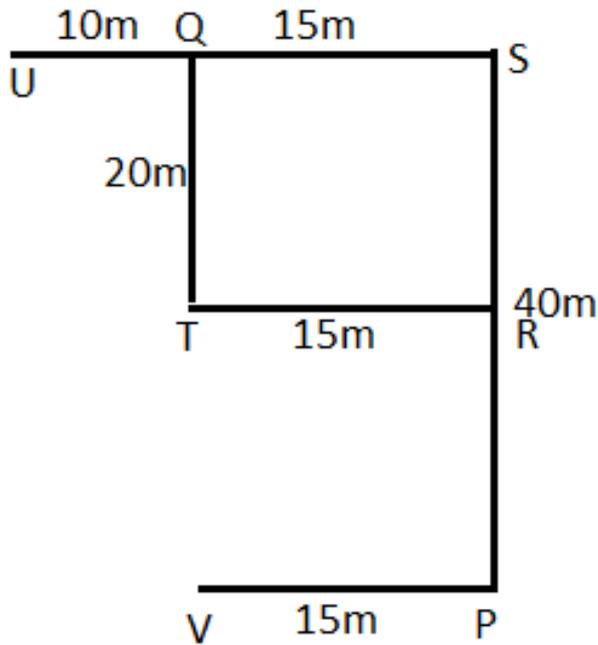
Explanation:



According to the diagram the points which are in straight line is T, V, Q .

57. Answer: a

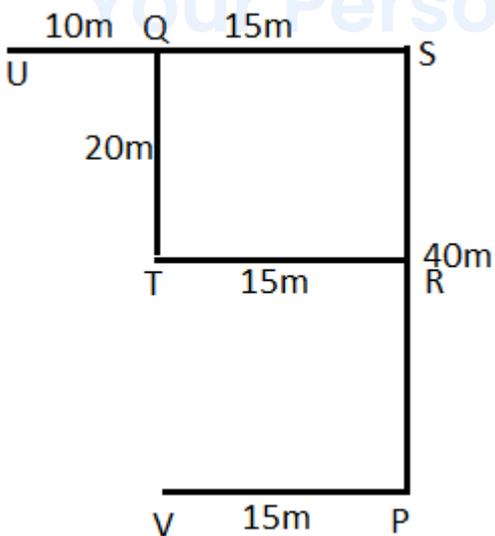
Explanation:



P is in south direction with respect to R.

58. Answer: c

Explanation:



He will reach point T first.

59. Answer: c

Explanation:

4	8	7	3	5	2	9
▼	▼	▼	▼	▼	▼	▼
5	<u>9</u>	6	2	<u>4</u>	3	8

$9 - 4 = 5$  So the answer is 5.

Hence, Option C is correct.

60. Answer: c

Explanation:

MENTION  $\Rightarrow$  N D O S J N O N and O appear more than once in the new arrangement

Hence Option C is correct

61. Answer: b

Explanation:

9 2 8 4 1 6 3 7

9 8 7 6 4 3 2 1

Hence, option B is the correct response.

62. Answer: b

Explanation:

REFERENCE – 956595535

R-18 = 1+8 = 9

E-5 F-6 E-5

R-18 = 1+8 = 9E-5

N-14 = 1+4 = 5

C-3 E-5

Similarly for PRINTER

P-16 = 1+6 = 7

R-18 = 1+8 = 9 I -9

N-14 = 1+4 = 5

T-20 = 2+0 = 2

E-5

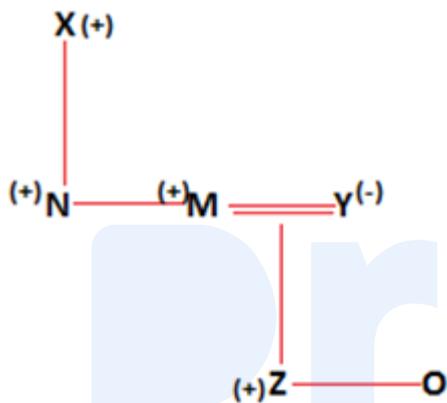
R-18 = 1+8 = 9

PRINTER – 7995259

Hence, option (B) is the correct response.

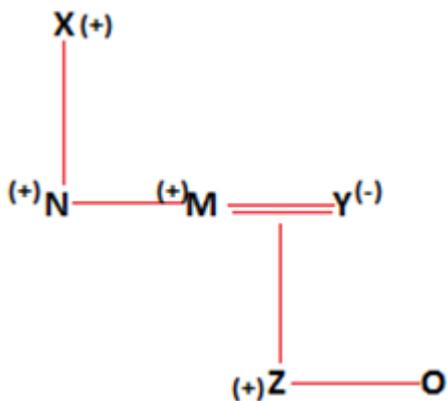
63. Answer: e

Explanation:



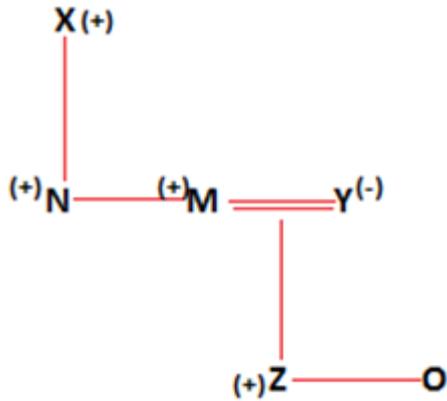
64. Answer: d

Explanation:



65. Answer: b

Explanation:



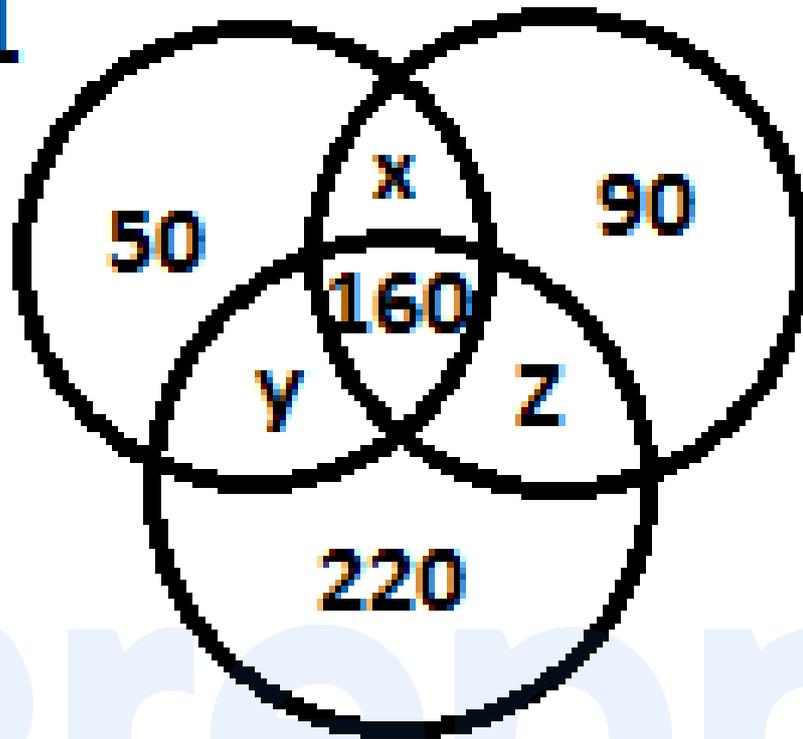
66. Answer: d

Explanation:

Among 800 cricket players, 45% played in IPL -1 and 6.25% played only in IPL -1. Again, 57.5% players played in IPL -2 and 11.25% players played only in IPL -2. Again, 72.5% players played in IPL -3 and 27.5% players played only in IPL -3. Twenty per cent players played in all three IPL tournaments.

IPL-1

IPL-2



$$x + y = (360 - 210) = 150 \dots(i)$$

$$x + z = (460 - 250) = 210 \dots(ii)$$

$$y + z = (580 - 380) = 200 \dots(iii)$$

=> adding (i) + (ii) + (iii),

$$\text{we get } 2(x + y + z) = 560 \quad x + y + z = 280$$

$$x = 80,$$

$$y = 70 \text{ and}$$

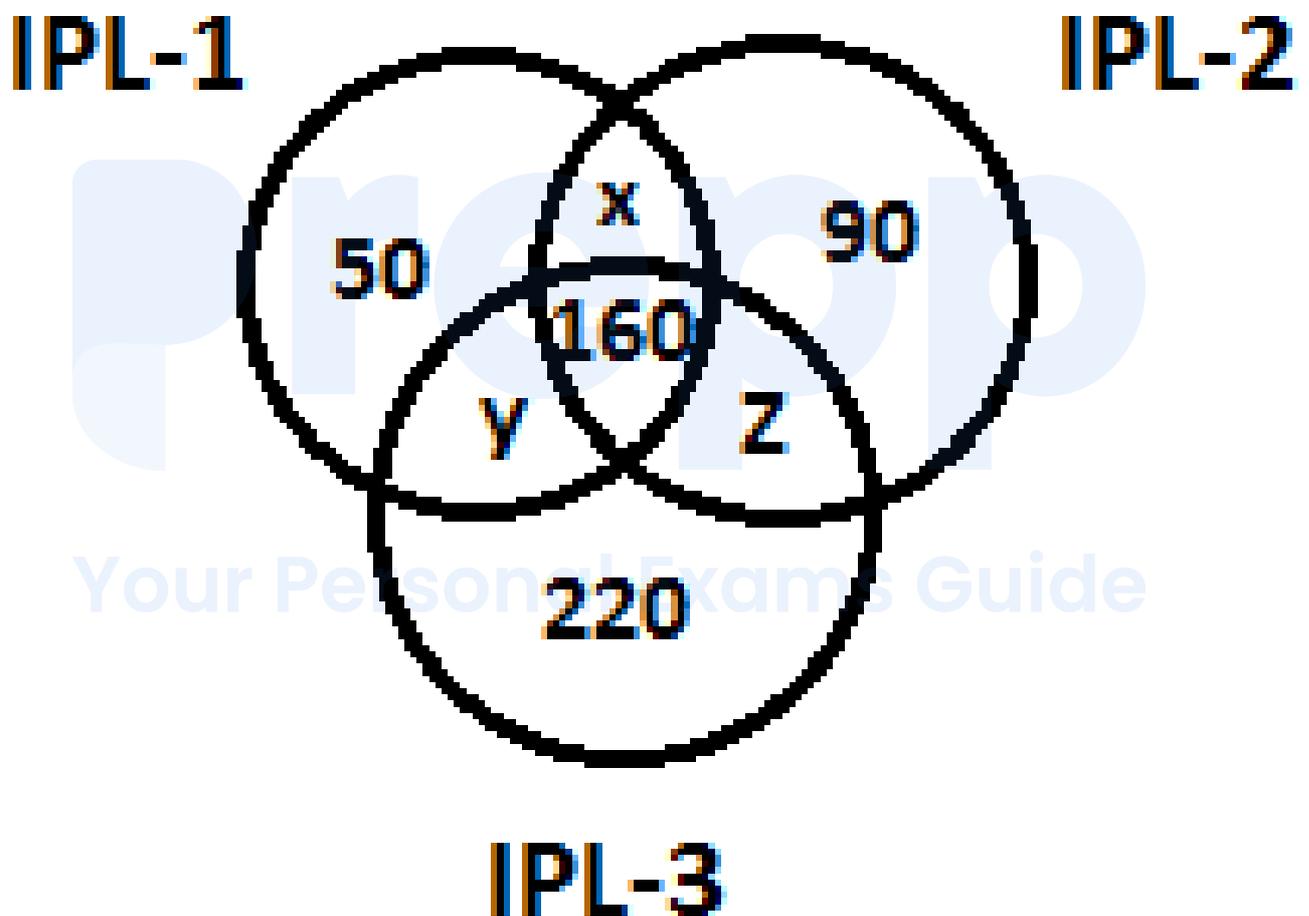
$$z = 130$$

Required number of players =  $50 + 90 + 80 = 220$

67. Answer: a

**Explanation:**

Among 800 cricket players, 45% played in IPL –1 and 6.25% played only in IPL –1. Again, 57.5% players played in IPL –2 and 11.25% players played only in IPL –2. Again, 72.5% players played in IPL –3 and 27.5% players played only in IPL –3. Twenty per cent players played in all three IPL tournaments.



$$x + y = (360 - 210) = 150 \dots(i)$$

$$x + z = (460 - 250) = 210 \dots(ii)$$

$$y + z = (580 - 380) = 200 \dots(iii)$$

=> adding (i) + (ii) + (iii),

we get  $2(x + y + z) = 560$   $x + y + z = 280$

$x = 80$ ,

$y = 70$  and

$z = 130$

Required percentage =  $[(90 + 130 + 220)/800]\% = 55\%$ .

---

### 68. Answer: e

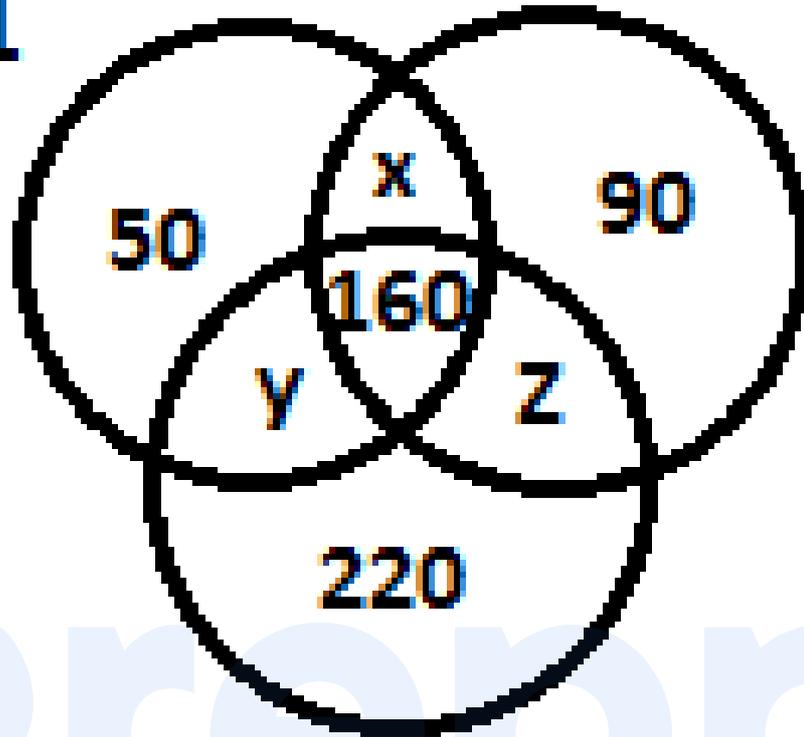
#### Explanation:

Among 800 cricket players, 45% played in IPL -1 and 6.25% played only in IPL -1. Again, 57.5% players played in IPL -2 and 11.25% players played only in IPL -2. Again, 72.5% players played in IPL -3 and 27.5% players played only in IPL -3. Twenty per cent players played in all three IPL tournaments.

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IPL-1

IPL-2



$$x + y = (360 - 210) = 150 \dots(i)$$

$$x + z = (460 - 250) = 210 \dots(ii)$$

$$y + z = (580 - 380) = 200 \dots(iii)$$

=> adding (i) + (ii) + (iii),

$$\text{we get } 2(x + y + z) = 560 \quad x + y + z = 280$$

$$x = 80,$$

$$y = 70 \text{ and}$$

$$z = 130$$

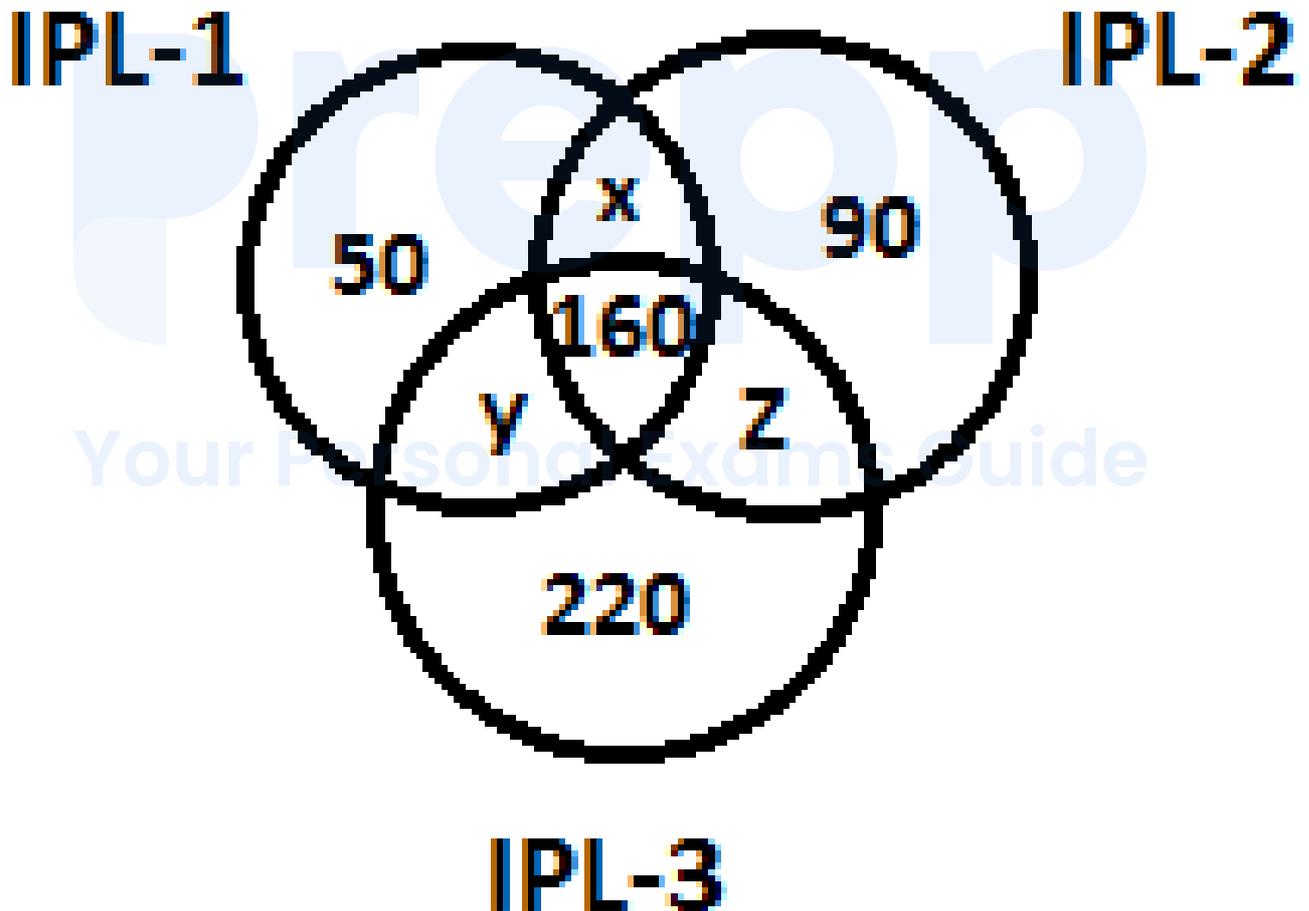
Number of players who played at least two IPL =  $80 + 70 + 130 + 160 = 440$

$$\text{Required \%} = 440/800 * 100 = 55\%$$

69. Answer: d

**Explanation:**

Among 800 cricket players, 45% played in IPL -1 and 6.25% played only in IPL -1. Again, 57.5% players played in IPL -2 and 11.25% players played only in IPL -2. Again, 72.5% players played in IPL -3 and 27.5% players played only in IPL -3. Twenty per cent players played in all three IPL tournaments.



$$x + y = (360 - 210) = 150 \dots(i)$$

$$x + z = (460 - 250) = 210 \dots(ii)$$

$$y + z = (580 - 380) = 200 \dots(\text{iii})$$

=> adding (i) + (ii) + (iii),

$$\text{we get } 2(x + y + z) = 560 \quad x + y + z = 280$$

$$x = 80,$$

$$y = 70 \text{ and}$$

$$z = 130$$

$$\text{Only IPL 1} = 50,$$

$$\text{only IPL 2} = 90$$

$$\text{Total} = 140$$

$$\text{Required ratio} = 140 : 160 = 7 : 8.$$

---

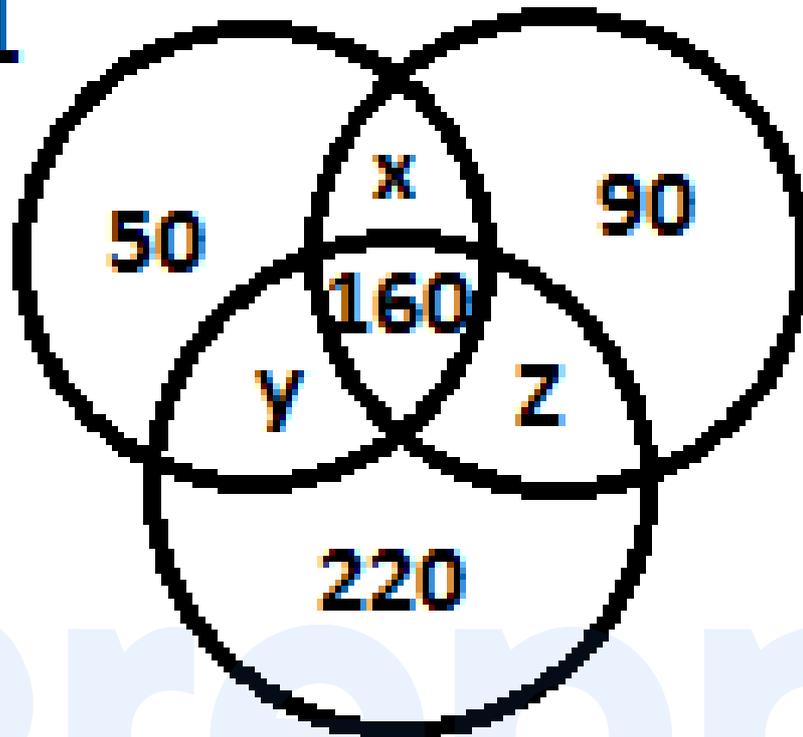
70. **Answer: b**

**Explanation:**

Among 800 cricket players, 45% played in IPL -1 and 6.25% played only in IPL -1. Again, 57.5% players played in IPL -2 and 11.25% players played only in IPL -2. Again, 72.5% players played in IPL -3 and 27.5% players played only in IPL -3. Twenty per cent players played in all three IPL tournaments.

IPL-1

IPL-2



IPL-3

$$x + y = (360 - 210) = 150 \dots(i)$$

$$x + z = (460 - 250) = 210 \dots(ii)$$

$$y + z = (580 - 380) = 200 \dots(iii)$$

=> adding (i) + (ii) + (iii),

$$\text{we get } 2(x + y + z) = 560 \quad x + y + z = 280$$

$$x = 80,$$

$$y = 70 \text{ and}$$

$$z = 130$$

At least one IPL = 800

At most one IPL =  $50 + 90 + 220 = 360$

Required less % =  $(800 - 360)/800 * 100 = 55\%$  less

---

**71. Answer: b**

**Explanation:**

Books sold by shopkeeper A = 90

Books sold by shopkeeper C and E together =  $40 + 60 = 100$

Required percentage =

$$\frac{100 - 90}{100} \times 100$$

= 10% less

---

**72. Answer: a**

**Explanation:**

Books sold by shopkeeper B in March = 100

Books sold by shopkeeper B in previous month =  $100 \times 0.8 = 80$

Books sold by shopkeeper C in March = 60

Books sold by shopkeeper C in previous month =  $1.2 \times 60 = 72$

Books sold by B and C together in March =  $100 + 60 = 160$

Books sold by B and C together in previous month =  $80 + 72 = 152$

---

$$\text{Net Change} = 160 - 152 = 8$$

Percentage Change =

$$\frac{8}{152} \times 100$$

$$= 5.26\% \approx 5\%$$

---

73. Answer: d

**Explanation:**

What is the average number of books(approx.) sold in month of march by all 6 shopkeepers?

---

74. Answer: d

**Explanation:**

Books sold by shopkeeper A in next month = 80% of 90 = 72

Books sold by shopkeeper F in next month = 110% of 80 = 88

Required Ratio = 72 : 88 = 9 : 11

---

75. Answer: d

**Explanation:**

Number of books sold by shopkeeper B & D =  $100 + 120 = 220$

Number of books sold by shopkeeper C & F =  $60 + 80 = 140$

Required difference =  $220 - 140 = 80$

---

**76. Answer: b****Explanation:**

$$4\frac{3}{7} + 2\frac{1}{6} - 4\frac{1}{3} = ? - 2\frac{3}{4}$$

---

**77. Answer: d****Explanation:**

$$45\% \text{ of } 300 + (?)^{1/2} = 56\% \text{ of } 750 - 10\% \text{ of } 250$$

$$\Rightarrow 135 + ?^{1/2} = 420 - 25$$

$$\Rightarrow 135 + ?^{1/2} = 395$$

$$\Rightarrow ?^{1/2} = 395 - 135$$

$$\Rightarrow ?^{1/2} = 260$$

$$\Rightarrow ? = (260)^2$$

$$\Rightarrow ? = 67600$$

Hence, option D is correct

---

78. Answer: b

Explanation:

$$12 * 450 / 100 + (x / 100) * 200 = 83$$

$$54 + 2x = 83$$

$$2x = 83 - 54$$

$$2x = 29 \quad x = 14.5$$

---

79. Answer: e

Explanation:

Let the required number be x then:-

$$3825 - 408 = 85x / 100$$

$$3417 = 85x / 100 \times$$

$$= 3417 * 100 / 85 \quad x = 4020$$

---

80. Answer: b

Explanation:

$$(42.8 * 6 * 5) / 12 - (10)^2 = (?)^2$$

---

81. Answer: d

Explanation:

Time required by Q and R to complete the whole work =

$$\frac{5}{2} \times 14$$

= 35 days

Time taken by P, Q and R to complete the work = 20 days

Total units of work = 140 units (LCM of 35 and 20)

Work done by Q and R in one day = 4 units

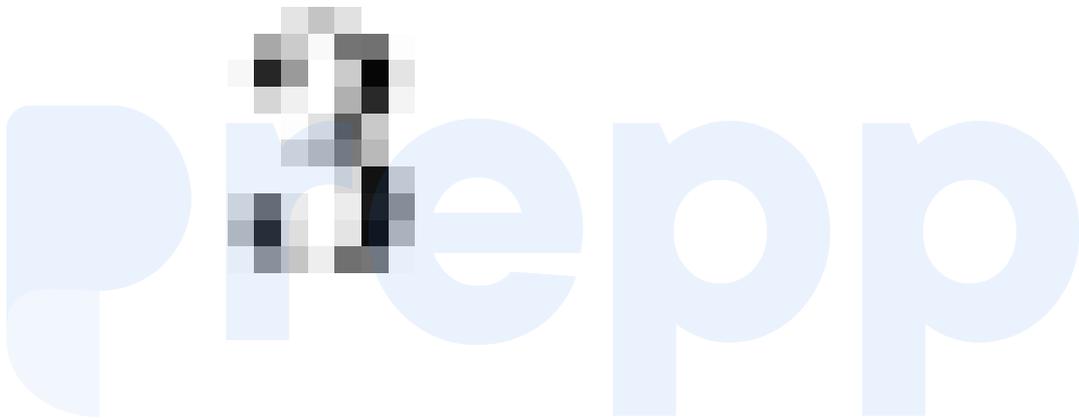
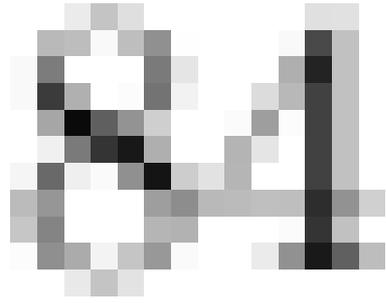
Work done by P, Q and R in one day = 7 units P's one day work =  $7 - 4 = 3$  units

Units of work done by P =

$$\frac{3}{5} \times 140$$

= 84 units

Required value of x =



= 28

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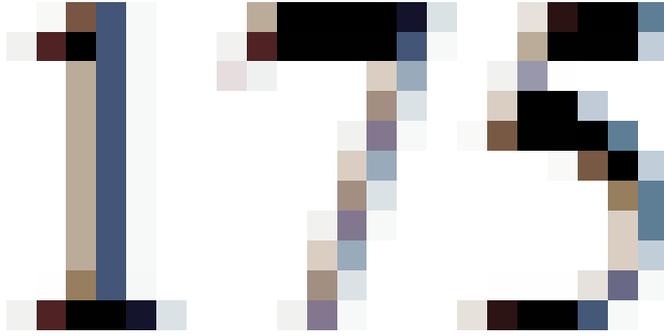
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82. Answer: c

**Explanation:**

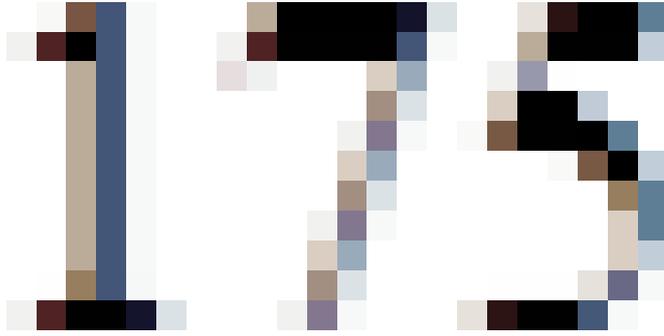
Let the total unit of water = LCM (25,35) = 175 units

Pipe M can fill tank at



= 7 units/min

Pipe N can fill tank at



= 5 units/min

So, The pipe N will fill in 21 min =  $21 \times 5 = 105$  units in 21 min

The left units of water =  $175 - 105 = 70$  units

The pipe M can fill the rest in =  $70/7 = 10$  min

The required answer = 10 min

83. Answer: a

Explanation:

Compound interest amount formula

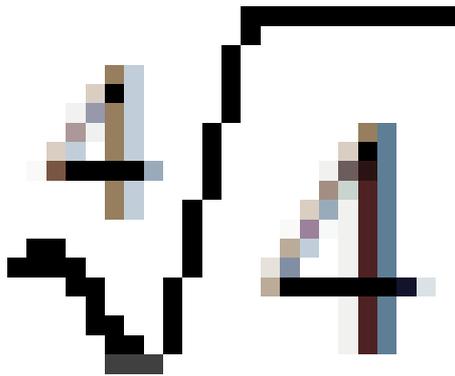
$$A = P \left( 1 + \frac{r}{100} \right)^n$$

4P =

$$P \left( 1 + \frac{r}{100} \right)^4$$

4 =

$$\left( 1 + \frac{r}{100} \right)^4$$



=

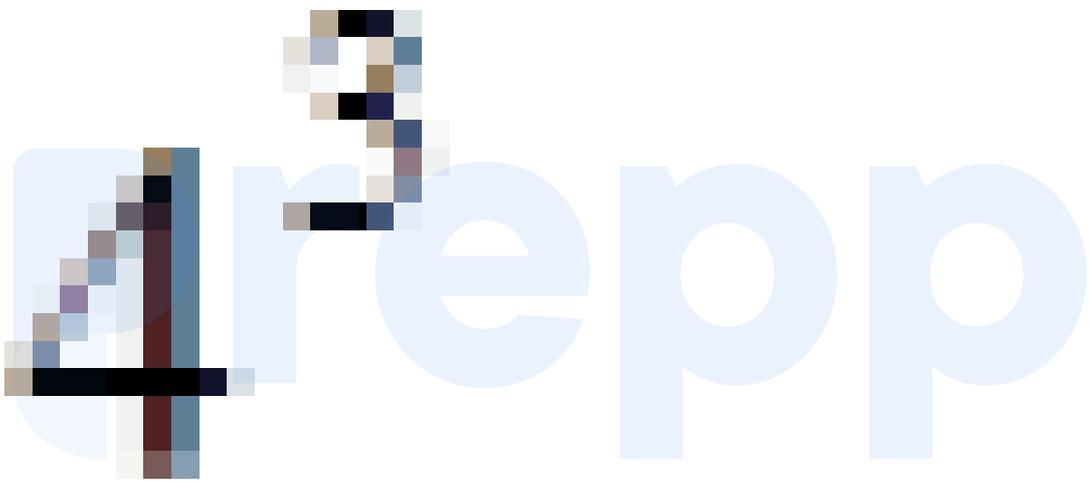
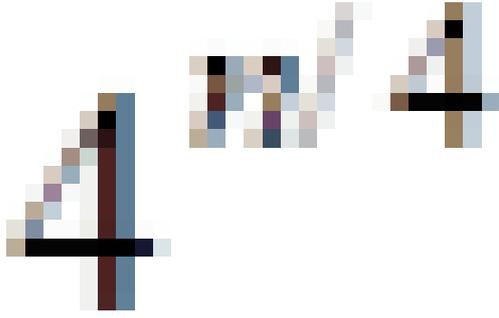
$$\left(1 + \frac{r}{100}\right)^1$$

$64P =$

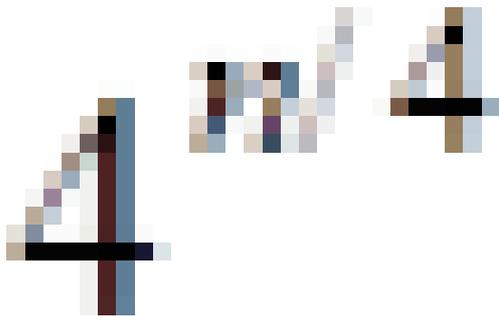
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$$P \left(1 + \frac{r}{100}\right)^n$$

We need to find  $n$   $64 =$



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$$n/4 = 3$$

$$n = 12 \text{ years}$$

84. Answer: c

Explanation:

Let the marks of A, B, C be A, B, C respectively

$$(A+B+C)/3 = 85$$

$$A+B+C = 85*3 = 255$$

When D joins the group, marks of D are D

$$(A+B+C+D)/4 = 80$$

$$A+B+C+D = 320$$

$$255 + D = 80*4$$

$$255 + D = 320$$

$$D = 65$$

Marks of D = 65

Now, E replaces B Let the marks of E be

$$E = 4 + D = 69 \quad (A+C+D+E)/4 = 78$$

$$A + C + D + E = 78*4 = 312 \dots\dots(2)$$

$$A + B + C + D = 320 \dots\dots(1)$$

Subtracting equation 2 from 1,

$$\text{we get } (A+B+C+D) - (A+C+D+E) = 320 - 312 = 8$$

$$B - E = 8$$

$$B = 8 + E$$

$$B = 8 + 69$$

$$B = 77$$

Hence, marks of B=77

---

**85. Answer: a**

**Explanation:**

Let present age of Rakesh be  $x$  and his brother be  $4x$ .

According to question,

$$(x + 5)/(4x + 5) = 2/5$$

$$\Rightarrow 5x + 25 = 8x + 10$$

$$\Rightarrow 3x = 15$$

$$\Rightarrow x = 5$$

Total age of Rakesh,

Rakesh' brother and their mother =  $20 \times 3 = 60$  years

So, age of Rakesh's mother =  $60 - (5 + 5 \times 4) = 35$  years

---

**86. Answer: b**

**Explanation:**

$$44\% \times 25 + 11\% \times 145$$

$$11 + 15.95 = 26.95 \approx 27 \text{ (approx.)}$$

87. Answer: e

Explanation:

$$428 - 240 \div (12\% \times 25)$$

$$428 - 240 \div 3$$

$$428 - 80 = 348 \quad 350 \text{ (approx.)}$$

88. Answer: b

Explanation:

$$45\% \times 872 + 79 \times 12 \div 3$$

$$392.4 + 79 \times 4$$

$$392.4 + 316 = 708.4 \quad 708 \text{ (approx.)}$$

89. Answer: a

Explanation:

$$7400 \div 375 \times 15 = 15296 \quad 300 \text{ (approx.)}$$

90. Answer: c

Explanation:

$$15^2 - 13^2 + 46 = x + 4^2$$

$$225 - 169 + 46 = x + 16$$

$$102 = x + 16$$

$$X = 102 - 16$$

$$X = 86$$

---

91. Answer: d

**Explanation:**

Suppose C's capital = P.

Then, B's capital = 4P

A's capital = P/6 A : B : C

$$= 6P : 4P : P$$

$$= P/6 : 4P : P$$

$$= 1 : 24 : 6$$

$$\text{B's share} = 15500 \times (24/31)$$

$$= 12000$$

---

92. Answer: e

**Explanation:**

Let the time taken to travel 20 km in still water be 't' hr.

$$\text{Speed} = 20/t$$

Given, by increasing his speed by 50% he can travel upstream the same distance in  $5/6^{\text{th}}$  time required in still water.

Let the speed of stream be 'a' km/hr.

$$\text{Speed of boat} = 1.5 \times 20/t = 30/t$$

$$\Rightarrow (30/t - a) \times 5t/6 = 20$$

$$\Rightarrow 30 - at = 24$$

$$\Rightarrow a = 6/t$$

Ratio of speed of boat to speed of stream

$$= \left( \frac{20}{t} : \frac{6}{t} \right) = 10 : 3$$

93. Answer: e

Explanation:

$4/5$  in terms of percent is 80%  $5/4$  in terms of percent is 125%

$$\text{Difference} = 125 - 80 = 45\%$$

94. Answer: c

Explanation:

Let the side of square =  $x \therefore x^2 = 484$

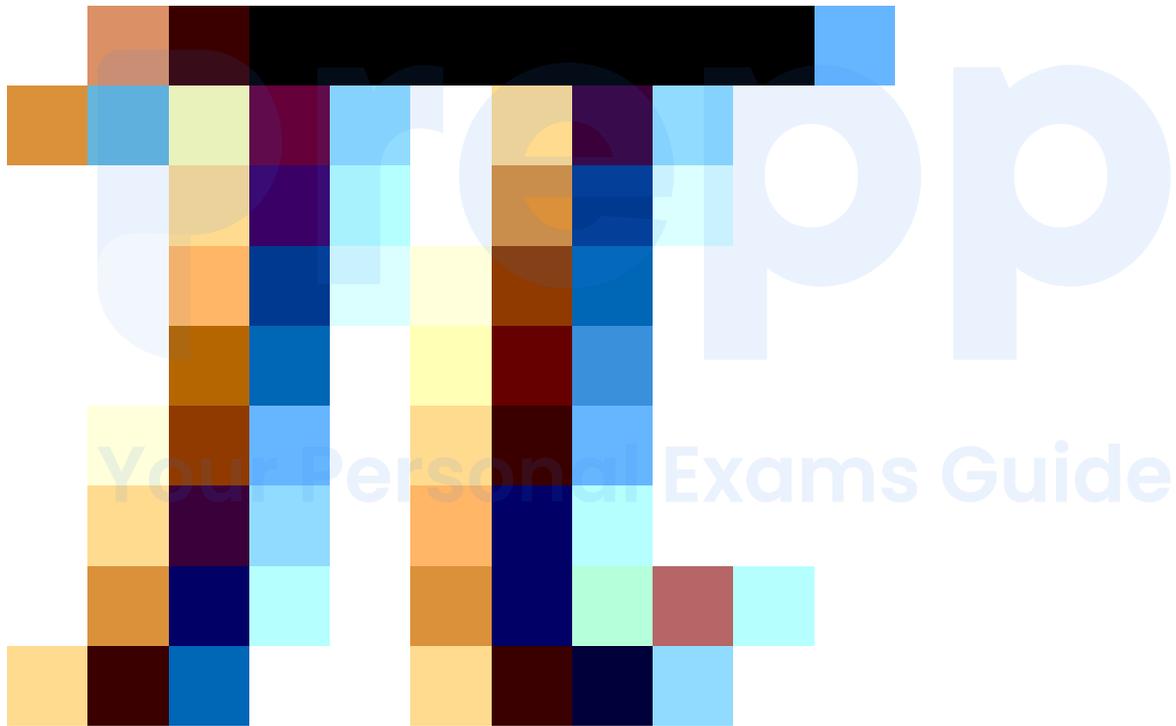
$$\Rightarrow x = 22,$$

Perimeter of square =  $4x = 88 =$  perimeter of the circle

$\therefore 2$

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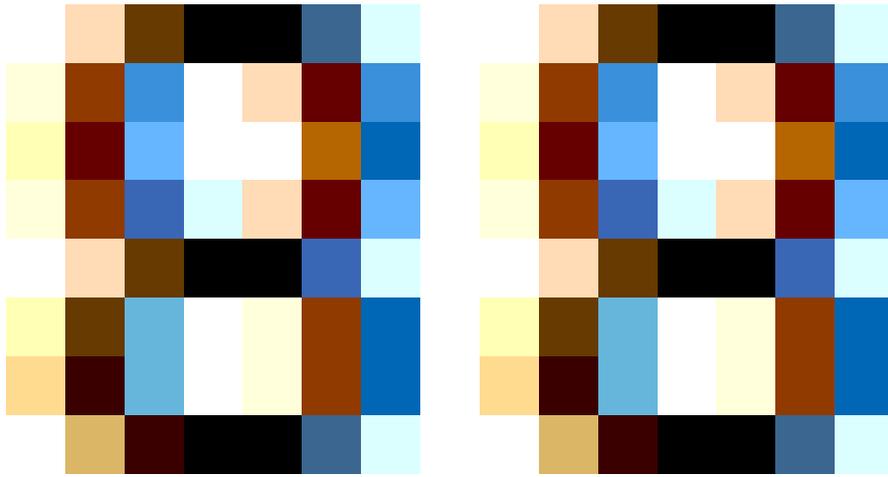


r = 88

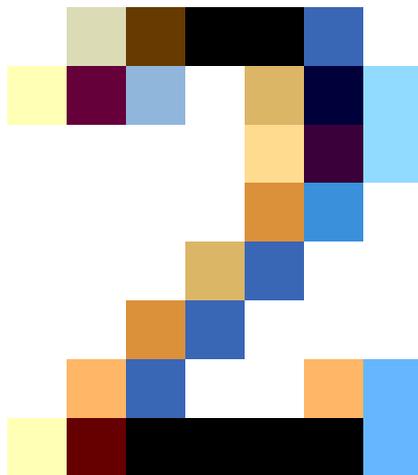
⇒ r =

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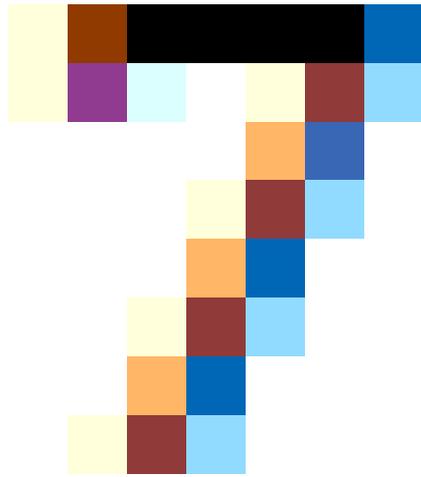
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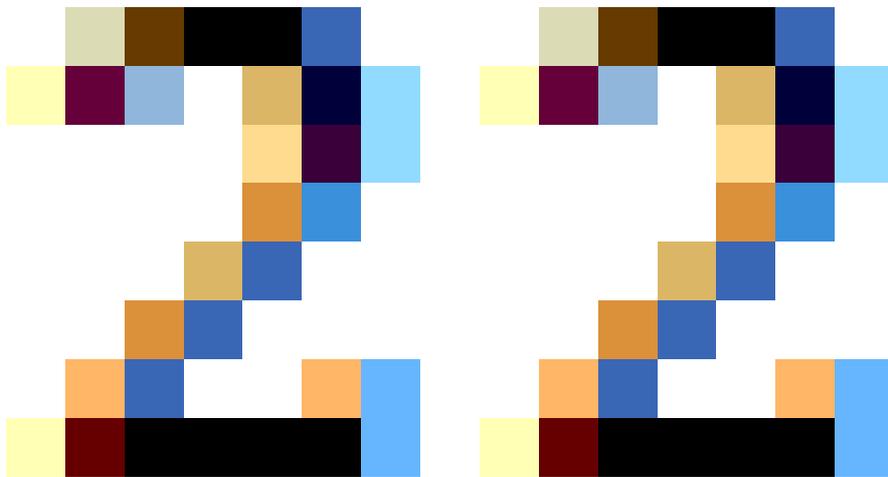
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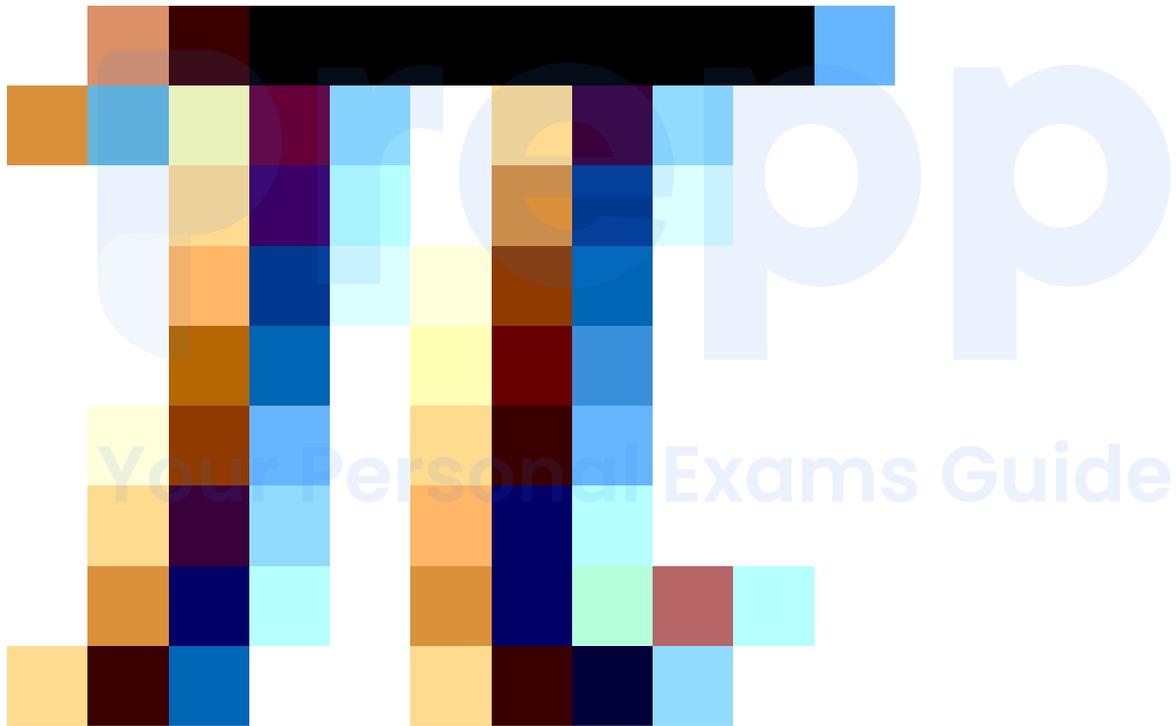


= 14 cm

Required area =

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$$r^2 = (22/7) \times 14 \times 14$$
$$= 616 \text{ sq cm}$$

---

95. Answer: d

**Explanation:**

Angles of the triangle are  $3/12 * 180 = 45$  degrees

$5/12 * 180 = 75$  degrees

$4/12 * 180 = 60$  degrees

Required difference =  $2 * 45 - 60 = 30$  degrees

---

96. Answer: b

**Explanation:**

$$\sqrt{?} \% \text{ of } 160 = 64 \div 2$$

$$\Rightarrow \frac{160 \times \sqrt{?}}{100} = 32$$

$$\Rightarrow \sqrt{?} = \frac{32 \times 100}{160}$$

$$\Rightarrow \sqrt{?} = 20$$

$$\Rightarrow ? = 400$$

---

97. Answer: c

Explanation:

$$17\% \text{ of } 742 - ?\% \text{ of } 600 = \sqrt{625} - \sqrt{1369}$$

98. Answer: b

Explanation:

$$63^{2.3} \times 9^{11.7} \times 7^{2.3} \times 7^{9.4} = 63^x$$

$$\Rightarrow 63^{2.3} \times 9^{11.7} \times (7)^{2.3 + 9.4} = 63^x$$

$$\Rightarrow 63^{2.3} \times 9^{11.7} \times 7^{11.7} = 63^x$$

$$\Rightarrow 63^{2.3} \times (9 \times 7)^{11.7} = 63^x$$

$$\Rightarrow 63^{2.3} \times (63)^{11.7} = 63^x$$

$$\Rightarrow 63^{14} = 63^x$$

Equating the powers both sides, we get  $x = 14$

99. Answer: c

Explanation:

$$\sqrt{(432.67 - 152.24 + 231.57) + 16} = ?$$

?

$$= \sqrt{(512/16)}?$$

$$= \sqrt{32}?$$

= 5.65

---

100. Answer: a

**Explanation:**

$$874 - 357 + 319 = ? + 289$$

$$836 - 289 = ?$$

$$? = 547$$

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