

CLASS ASSIGNMENT -

1. Ravi walks 8 m towards North, then turns right and walks 6 m. He then turns right and walks 8 m. In which direction is he from his starting point?

- A) North B) South C) East
D) West

2. A person walks 10 m towards South, turns left and walks 5 m, then turns left again and walks 10 m. In which direction is he from his starting point?

- A) East B) West C) North
D) South

3. Arun is facing East. He turns 90° clockwise, then 180° anticlockwise. Which direction is he facing now?

- A) North B) South C) East
D) West

4. Meena walks 7 m towards West, then 4 m towards North, and finally 7 m towards East. How far and in which direction is she from her starting point?

- A) 4 m North B) 4 m South
C) 7 m North D) 7 m South

5. P is standing facing North. He walks 5 m, turns right and walks 8 m, then turns left and walks 3 m. In which direction is P from his starting point?

- A) North-East B) South-East
C) North-West D) South-West

6. A boy walks 12 m towards East, then 5 m towards North, and then 12 m towards West. How far is he from his starting point?

- A) 5 m B) 12 m
C) 17 m D) 29 m

7. Sita is facing South. She turns left, walks 10 m, then turns right and walks 6 m. In which direction is she moving finally?

- A) East B) West
C) North D) South

8. A man walks 6 m North, turns right and walks 8 m, then turns right and walks 6 m. What is the shortest distance between him and his starting point?

- A) 6 m B) 8 m
C) 10 m D) 14 m

9. A is 5 m East of B. C is 5 m North of A. D is 5 m West of C. In which direction is D with respect to B?

- A) North B) South
C) East D) West

10. Rahul starts walking towards West. After walking 10 m, he turns left and walks 5 m. He then turns left again and walks 10 m. Finally, he turns right and walks 3 m. In which direction is he from his starting point?

- A) North B) South
C) East D) West

11. The average of 8 numbers is 24. If one number is removed, the average of the remaining 7 numbers becomes 22. What is the removed number?

- A) 36 B) 38
C) 40 D) 42

12. The average age of 5 students is 16 years. If a teacher joins them, the average becomes 21 years. What is the teacher's age?

- A) 41 years B) 43 years
C) 46 years D) 48 years

13. The average of 6 consecutive integers is 25.5. What is the largest integer?

- A) 27 B) 28
C) 29 D) 30

14. The average of 10 numbers is 35. If each number is increased by 4, what will be the new average?

- A) 37 B) 38
C) 39 D) 40

15. The average marks of 12 students is 65. If the marks of one student, 75, are replaced by 87, what is the new average?

- A) 65 B) 66
C) 67 D) 68

16. The average of three numbers is 42. The first number is twice the second, and the third number is 6 more than the second. What is the largest number?

- A) 48 B) 50
C) 54 D) 60

17. A batsman has an average of 48 runs after 10 innings. How many runs must he score in the 11th inning to increase his average to 50?

- A) 60 B) 65
C) 68 D) 70

18. The average weight of 8 people is 60 kg. When one person leaves, the average weight becomes 58 kg. What was the weight of the person who left?

- A) 70 kg B) 72 kg
C) 74 kg D) 76 kg

19. The average of 5 consecutive odd numbers is 35. What is the smallest number?

- A) 29 B) 31
C) 33 D) 35

20. The average monthly income of A and B is ₹30,000, while the average monthly income of B and C is ₹35,000. If C earns ₹40,000, what is A's income?

- A) ₹15,000 B) ₹20,000
C) ₹25,000 D) ₹30,000

21. The average of 7 numbers is 18. If the average of the first 4 numbers is 15, what is the average of the remaining 3 numbers?

- A) 20 B) 21
C) 22 D) 23

22. The average age of a husband and wife is 30 years. Their child joins them, and the average age of all three becomes 22 years. What is the child's age?

- A) 4 years B) 5 years
C) 6 years D) 7 years

23. The average of 9 numbers is 40. The average of the first 5 numbers is 35, and the average of the last 5 numbers is 45. What is the fifth number?

- A) 35 B) 40
C) 45 D) 50

24. A student scored 72, 68, 75 and 85 in four tests. What score must he obtain in the fifth test to have an average of 76?

- A) 78 B) 80
C) 82 D) 84

25. The average of 4 numbers is 28. If the first number is increased by 6, the second by 4, the third by 8, and the fourth by 2, what will be the new average?

- A) 31 B) 32
C) 33 D) 34

26. What is the angle between the hour hand and minute hand at 3:30?

- A) 75° B) 90°
C) 105° D) 120°

27. At what time between 4 and 5 o'clock will the hands of a clock coincide?

- A) 21 $\frac{9}{11}$ min past 4 B) 22 $\frac{5}{11}$ min past 4
C) 23 $\frac{7}{11}$ min past 4
D) 24 $\frac{2}{11}$ min past 4

28. What is the angle between the hands of a clock at 7:20?

- A) 90° B) 100° C)
 110° D) 120°

29. A clock gains 5 minutes every hour. If it is set correctly at 8:00 AM, what time will it show at 2:00 PM?

- A) 2:20 PM B) 2:25 PM
C) 2:30 PM D) 2:35 PM

30. How many times do the hands of a clock overlap in 12 hours?

- A) 10 B) 11
C) 12 D) 13

31. At what time between 2 and 3 o'clock are the hands exactly opposite to each other?

- A) 2:38 $\frac{2}{11}$ B) 2:40 $\frac{2}{11}$
C) 2:43 $\frac{7}{11}$ D) 2:45

32. A clock shows 5:20. What is the smaller angle between the two hands?

- A) 30° B) 40°
C) 50° D) 60°

33. A clock is 10 minutes slow at 9:00 AM. It gains 2 minutes every hour. At what time will it show the correct time?

- A) 1:00 PM B) 2:00 PM
C) 3:00 PM D) 4:00 PM

34. If 1 January 2025 was a Wednesday, what day was 1 January 2026?

- A) Wednesday B) Thursday C)
Friday D) Saturday

35. How many odd days are there in a leap year?

- A) 0 B) 1
C) 2 D) 3

36. If today is Monday, what day will it be after 100 days?

- A) Tuesday B) Wednesday
C) Thursday D) Friday

37. If 15 August 2024 was a Thursday, what day was 15 August 2025?

- A) Thursday B) Friday
C) Saturday D) Sunday

38. Which of the following years is a leap year?

- A) 1900 B) 2000
C) 2100 D) 2200

39. If 1 March 2026 is Sunday, what day will 1 April 2026 be?

- A) Monday B) Tuesday
C) Wednesday D) Thursday

40. A month has 31 days and begins on a Friday. How many Sundays are there in that month?

- A) 4 B) 5 C) 6
D) Cannot be determined

41. The price of an article is increased by 20% and then decreased by 25%. What is the overall percentage change in the price?

- A) 5% decrease B) 10% decrease
C) 5% increase D) No change

42. A student scored 30% marks in an examination and failed by 24 marks. Another student scored 42% marks and obtained 48 marks more than the passing marks. What is the maximum possible marks?

- A) 500 B) 600
C) 700 D) 800

43. The population of a town increases by 10% in the first year and decreases by 10% in the second year. If the present population is 49,500, what was the population two years ago?

- A) 49,000 B) 50,000
C) 50,500 D) 55,000

44. A person's income is increased by 25%, while his expenditure increases by 20%. If initially he saved 20% of his income, by what percentage does his saving increase?

- A) 35% B) 40% C) 45%
D) 50%

45. In an election between two candidates, the winning candidate received 56% of the valid votes and won by 2,400 votes. If 10% of the total votes were declared invalid, how many total votes were cast?

- A) 25,000 B) 27,500
C) 30,000 D) 32,500

46. The average of 8 numbers is 24. If one number is removed, the average of the remaining 7 numbers becomes 22. What is the removed number?

- A) 36 B) 38
C) 40 D) 42

47. The average age of 6 students is 18 years. If a teacher joins the group, the average age becomes 23 years. What is the teacher's age?

- A) 48 years B) 50 years
C) 53 years D) 55 years

48. The average of five consecutive odd numbers is 37. What is the largest number?

- A) 39 B) 41
C) 43 D) 45

49. A batsman has an average of 42 runs after 9 innings. How many runs must he score in the 10th inning to raise his average to 45?

- A) 60 B) 66
C) 69 D) 72

50. The average of 10 numbers is 32. If each number is increased by 5, what will be the new average?

- A) 35 B) 36
C) 37 D) 38