

🕒 Clock & Calendar , Percentage - Class room Assignment

1. At what time between 3 and 4 o'clock will the hands of a clock coincide?

- A) 3:15 5/11
- B) 3:16 4/11
- C) 3:16 5/11
- D) 3:17 5/11

2. At what time between 7 and 8 o'clock will the hands of a clock be exactly opposite to each other?

- A) 7:05 5/11
- B) 7:10 10/11
- C) 7:11 5/11
- D) 7:16 4/11

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

- A) 8:45 PM
- B) 8:50 PM
- C) 9:00 PM
- D) 9:05 PM

4. The minute hand of a clock overtakes the hour hand at intervals of:

- A) 60 minutes
- B) 65 5/11 minutes
- C) 64 6/11 minutes
- D) 66 6/11 minutes

5. A clock shows 4:20. What is the angle between the hour and minute hands?

- A) 10°
- B) 20°
- C) 30°
- D) 40°

6. At what time between 5 and 6 o'clock are the hands of a clock at right angles for the first time?

- A) 5:10 10/11
- B) 5:16 4/11
- C) 5:21 9/11
- D) 5:27 3/11

7. A clock is 10 minutes slow at 6 AM and gains 2 minutes every hour. At what time will it show the correct time?

- A) 10 AM
- B) 11 AM
- C) 12 noon
- D) 1 PM

8. If the mirror image of a clock shows 7:20, what is the actual time?

- A) 4:40
- B) 5:40
- C) 4:20
- D) 6:40

9. How many times do the hands of a clock overlap in a period of 24 hours?

- A) 22
- B) 23
- C) 24
- D) 44

10. A clock takes 6 seconds to strike 4 times. How long will it take to strike 8 times?

- A) 12 seconds
- B) 14 seconds
- C) 16 seconds
- D) 18 seconds

11. If 1 January 2024 was a Monday, what day was 1 January 2025?

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

12. If today is Wednesday, what day will it be after 100 days?

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

13. Which of the following is a leap year?

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

14. How many odd days are there in 100 years?

- A) 1
- B) 3
- C) 5
- D) 6

15. If 15 August 2025 is a Friday, what day will 15 August 2026 be?

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

16. If 26 January 2024 was a Friday, what day was 26 January 2025?

- A) Saturday
- B) Sunday
- C) Monday
- D) Tuesday

17. The calendar for which year will be the same as the calendar for 2023?

- A) 2028
- B) 2029
- C) 2034
- D) 2035

18. If the 1st day of a month is Sunday, which day will be the 23rd of that month?

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

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

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

20. If 10 March 2026 is Tuesday, what day will 10 April 2026 be?

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

21. A number is first increased by **20%** and then decreased by **25%**. What is the overall percentage change?

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

22. The price of an article is increased by **25%**. By what percentage must the increased price be reduced to bring it back to the original price?

- A) 15%
- B) 18%
- C) 20%
- D) 25%

23. In an examination, a student scored **30%** of the total marks and failed by 24 marks. Another student scored **42%** and obtained 48 marks more than the passing marks. What are the total marks?

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

24. The population of a town increases by **10%** in the first year and by **20%** in the second year. If the present population is 13,200, what was the population two years ago?

- A) 9,500
- B) 10,000
- C) 10,500
- D) 11,000

25. A person's income increases by **20%**, while his expenditure increases by **10%**. If his original income was ₹25,000 and his original expenditure was ₹20,000, what is the percentage increase in his savings?

- A) 50%
- B) 60%
- C) 70%
- D) 80%