18. *A* borrows ₹ 9000 at the rate of 12% per annum simple interest and *B* borrows ₹ 12000 at the rate of 8% per annum simple interest. In how many years will their amount of debts be equal?
    (1) 20 yr   (2) 22 yr   (3) 18 yr   (4) 16 yr
    (5) None of these

19. A man invests $\frac{1}{4}$ of his capital at 6% per annum, $\frac{1}{3}$ at 10% per annum and the remainder at 9% per annum. If his annual income is ₹ 618, the capital is
    (1) ₹ 7200   (2) ₹ 8900   (3) ₹ 6700   (4) ₹ 9600
    (5) None of these

20. A person invests money in two different schemes for 5 yr and 8 yr at 12% and 10% simple interest respectively. At the completion of each scheme he gets the same interest. The ratio of his investments is
    (1) 1 : 3   (2) 4 : 3
    (3) 1 : 2   (4) Cannot be determined
    (5) None of these

21. The difference between the simple interest received from two different sources on ₹ 5200 for $2\frac{1}{2}$ yr is ₹ 65. The difference between their rates of interest is
    (1) 0.5%   (2) 0.25%   (3) 0.4%   (4) 0.75%
    (5) None of these

22. A sum of ₹ 8000 was lent partly at 7% and partly at 9% simple interest. If the total annual interest be ₹ 620, the ratio in which the money was lent at given rates is
    (1) 5 : 3   (2) 1 : 4   (3) 2 : 3   (4) 3 : 4
    (5) None of these

23. A man buys a music system valued at ₹ 8000. He pays ₹ 3500 at once and the rest 18 months later, on which he is charged simple interest at the rate of 8% per annum. Find the total amount he pays for the music system.
    (1) ₹ 9260   (2) ₹ 8540
    (3) ₹ 8720   (4) ₹ 9410
    (5) None of these

24. Simple interest on ₹ 1680 for 4 yr at $7\frac{1}{2}$% per annum is equal to the simple interest on ₹ 1200 at 7% per annum for a certain period of time. The period of time is
    (1) 7 yr   (2) 6 yr   (3) $5\frac{1}{3}$ yr   (4) $7\frac{1}{4}$ yr
    (5) None of these

25. *A* borrowed ₹ 4800 from *B* at 9% per annum SI for 3 yr. He then added some more money to the borrowed sum and lent it to *C* for the same period at 12% per annum rate of interest. If *A* gains ₹ 720 in the whole transaction, how much money did he add from his side?
    (1) ₹ 500   (2) ₹ 740   (3) ₹ 640   (4) ₹ 800
    (5) None of these

26. Find the compound interest on ₹ 600 for 2 yr at 5% per annum compounded annually.
    (1) ₹ 56.50   (2) ₹ 61.50   (3) ₹ 64   (4) ₹ 56
    (5) None of these

27. Calculate the compound interest on ₹ 3125 for $2\frac{1}{2}$ yr at 4%, interest being calculated annually.
    (1) ₹ 3447.60   (2) ₹ 3243.40
    (3) ₹ 3496.20   (4) ₹ 3256.80
    (5) None of these

28. Find the amount on ₹ 3000 for $1\frac{1}{2}$ yr at 10% per annum interest being compounded half-yearly.
    (1) ₹ 3183.24   (2) ₹ 3472.88
    (3) ₹ 3352.15   (4) ₹ 3096.44
    (5) None of these

29. Calculate the compound interest on ₹ 6750 for 3 yr at $6\frac{2}{3}$% per annum.
    (1) ₹ 1645   (2) ₹ 1442   (3) ₹ 2415   (4) ₹ 2142
    (5) None of these

30. What sum of money would amount to ₹ 9261 in $1\frac{1}{2}$ yr at 10% per annum, interest being compounded half-yearly?
    (1) ₹ 8500   (2) ₹ 8000   (3) ₹ 8200   (4) ₹ 8400
    (5) None of these

31. In what time will ₹ 15625 amount to 17576 at 8% compound interest per annum, interest being compounded half-yearly?
    (1) 3 yr   (2) 2 yr   (3) 1 yr   (4) $\frac{1}{2}$ yr
    (5) None of these

32. The difference between simple interest and compound interest on a certain sum of money for 2 yr at 5% per annum is ₹ 10. Find the sum.
    (1) ₹ 4600   (2) ₹ 4800   (3) ₹ 4500   (4) ₹ 4200
    (5) None of these

33. A sum of ₹ 8000 was lent for $1\frac{1}{2}$ yr at 10% per annum compound interest. If the interest is compounded half-yearly, calculate the amount.
    (1) ₹ 9261   (2) ₹ 9842   (3) ₹ 9356   (4) ₹ 9174
    (5) None of these

34. Calculate the compound interest on ₹ 3200 for 2 yr. The rate of interest for first year being 8% per annum and 10% per annum for the second year.
    (1) ₹ 611.20   (2) ₹ 600.40   (3) ₹ 601.60   (4) ₹ 605.20
    (5) None of these

35. Find the compound interest on ₹ 12450 for 9 months at 12% per annum compounded quarterly.
    (1) ₹ 1154.45   (2) ₹ 1125.18
    (3) ₹ 1198.72   (4) ₹ 1164.32
    (5) None of these

36. What will be the difference between simple interest and compound interest at 4% per annum on a sum of ₹ 5000 after 3 yr ?
    (1) ₹ 24.32   (2) ₹ 28.56   (3) ₹ 32.48   (4) ₹ 36.18
    (5) None of these