Simple and Compound Interest

1. What sum of money will amount to Rs.2,704 in 2 years at 4% Compound interest?
   a. Rs.2000 b. Rs.2200 c. Rs.2500 d. Rs.1800
   Answer: c

2. The C.I on a sum of money for 2 years at 10% is Rs.168. Find the simple interest.
   a. Rs.150 b. Rs.158 c. Rs.160 d. Rs.164
   Answer: c

3. In how many years will a sum of Rs.1,000 becomes Rs.1,331 at 10% per annum compounded annually?
   a. 3 yrs b. 2 yrs c. 4 yrs d. 5 yrs
   Answer: a

4. A sum of money at simple interest amounts to Rs.815 in 3 years and to Rs.854 in 4 years. Find the sum.
   a. Rs.650 b. Rs.690 c. Rs.698 d. Rs.700
   Answer: c

5. What will be the simple interest earned on an amount of Rs.16,800 in 9 months at the rate of 6 1/4 % p.a?
   a. Rs.697.75 b. Rs.787.50 c. Rs.567.30 d. Rs.897.60
   Answer: b

6. What will be the compound interest on a sum of Rs.25,000 after 3 years at the rate 12p.c per annum?
   a. Rs.20,000 b. Rs.12,800.20 c. Rs.10,123.20 d. Rs.10,000
7. At what rate of compound interest per annum will a sum of Rs.1,200 become Rs.1348.32 in 2 years
a. 6% b. 6.5% c. 7% d. 7.5%
Answer: a

8. The simple interest on Rs.7,500 at 6% per annum for 8 years is a. Rs.4,200 b. Rs.3,600 c. Rs.2,800 d. Rs.3,400
Answer: b

9. Find the simple interest on Rs.8000 at 7% per annum for 1 year 6 months.
 a. Rs.730 b. Rs.800 c. Rs.840 d. Rs.715
Answer: c

10. Find the simple interest on Rs.1000 from April 9, 2010 to June 9, 2010 at 7 1/2 % per annum.
 a. Rs.12.74 b. Rs.12.50 c. Rs.13.07 d. Rs.13.50
Answer: a

11. A bank gives 6% SI on deposits. Find the amount to be deposited to earn an interest of Rs.45 in one year.
 a. Rs.450 b. Rs.750 c. Rs.1000 d. Rs.800
Answer: b

12. Find the rate of interest at which, a sum of money becomes 9/4 times in 2 years.
a. 69 1/2 % b. 67 1/2 % c. 62 1/2 % d. 61 1/2 %
Answer: c
13. Simple interest on Rs.1000 at 10% for 2 years is
a. Rs.1000 b. Rs.200 c. Rs.100 d. Rs.2000
Answer: b

14. Find the rate percent at which a sum of money becomes $\frac{7}{6}$ times in 3 years?
   a. 12% b. 5\(\frac{5}{9}\) % c. 6\(\frac{5}{9}\) % d. 24%
   Answer: b

15. In how many years will a sum of money double itself at 12% per annum?
   a. 4 years 2 months b. 5 years 6 months c. 8 years 4 months d. 9 years 2 months
   Answer: c

16. How much time will it take for an amount Rs.2,000 to double at a simple interest rate 8%?
   a. 25.5 years b. 10.5 years c. 8.5 years d. 12.5 years
   Answer: d

17. A sum of money triples itself at 8% per annum over a certain time. Find the no. of years
   a. 25 years b. 20 years c. 30 years d. 15 years
   Answer: a

18. The difference in compound interest and simple interest on a certain amount at 10% per annum at the end of the third year is Rs.930. The principal amount is
   a. Rs.20,000 b. Rs.25,000 c. Rs.30,000 d. Rs.30,500
   Answer: c
19. The difference between compound interest and simple interest on an amount of Rs.15,000 for 2 years is Rs.96, then the rate of interest per annum is
a. 12 b. 8 c. 6 d. 10
Answer: b

20. If the difference between simple interest and compound interest on a certain sum for 3 years at 10% per annum is Rs.31, find the sum.
a. Rs.3,000 b. Rs.3,100 c. Rs.1,000 d. Rs.2,000
Answer: c

21. Find the difference between simple interest and compound interest for a sum of Rs.8000 lent at 10% p.a in 2years
a. 90 b. 100 c. 80 d. 70
Answer: c

22. The difference between simple and compound interest for a sum of Rs.12,000 lent at 10% per annum in 2years is,
a. Rs.80 b. Rs.90 c. Rs.120 d. Rs.100
Answer: c

23. What will be the difference between simple and compound interest at 10% per annum on a sum of Rs.1000 after 4years?
a. Rs.32.10 b. Rs.64.10 c. Rs.65.20 d. Rs.66.45
Answer: b

24. The difference between simple interest and compound interest for two years on a sum of money lent at 4% is Rs.4.80. Find the sum.
a. Rs.120 b. Rs.3000 c. Rs.3010 d. Rs.768
Answer: b
25. A sum of Rs. 1,550 was lent partly at 5% and partly at 8% per annum at simple interest. The total interest received after 3 years was Rs.300. The ratio of the money lent at 5% to that lent at 8% is
a. 5:8 b. 8:5 c. 16:15 d. 31:6
Answer: c

26. A sum of Rs.800 amounts to Rs.920 in 3 years at a simple interest. If the interest rate is increased by 3%. What would Rs.800 amount to?
a. 950 b. 970 c. 992 d. 1000
Answer: c

27. If A lends Rs.3,500 to B at 10% per annum in simple interest, and B lends the same to C at 11.5% per annum in simple interest, then find the gain of B in a period of 3 years.
a. Rs.154.50 b. Rs.155.50 c. Rs.156.50 d. Rs.157.50
Answer: d

28. A person invests a total of Rs.2,600 in three different investment plans which gives the return at 4%, 6% and 8% simple interest. At the end of a year, if the interest got in all the three plans are the same the money he invested in the first plan (which gives 4% interest) is
a. Rs.200 b. Rs.600 c. Rs.800 d. Rs.1200
Answer: d

29. If the rate of simple interest is 12% per annum, find the amount that would get interest of Rs.6000 per annum.
a. Rs.82,000 b. Rs.50,000 c. Rs.72000 d. Rs.45,000
Answer: b
30. The sum that will give Rs.1 as simple interest per day at 5% per annum is
   a. Rs.3650  b. Rs.36,500  c. Rs.730  d. Rs.7300
   Answer: d

31. Find the principal that yield a compound interest of Rs.1632 in 2 years at 4% rate of interest per annum.
   a. Rs.10000  b. Rs.20000  c. Rs.30000  d. Rs.40000
   Answer: b

32. The present worth of Rs.242 due in 2 years at 10% per annum compound interest is
   a. Rs.200  b. Rs.225  c. Rs.260  d. Rs.190
   Answer: a

33. The compound interest on Rs.30000 at 7% per annum for certain period is Rs.4347. The period is
   a. 4 years  b. 3 years  c. 2.5 years  d. 2 years
   Answer: d

34. In what time will Rs.1000 become Rs.1331 at 10% per annum compounded annually?
   a. -2  b. 3  c. 4  d. none of these
   Answer: b

35. At what rate of compound interest per annum will a sum of Rs.1200 become Rs.1348.32 in 2 years?
   a. 6.5%  b. 7%  c. 8%  d. 6%
   Answer: d
36. A certain sum amounts to Rs.800 in 3 years and Rs.840 in 4 years in compound interest. The rate of interest per annum is
   a. 2 1 2 % b. 4% c. 5% d. 6%
   Answer: c

37. Alex invested an amount of Rs.8000 in a fixed deposit scheme for 2 years at compound interest rate 5% per annum. How much amount will Alex get on maturity of the fixed deposit?
   a. Rs.8600 b. Rs.8620 c. Rs.8820 d. Rs.8840
   Answer: c

38. The difference between the compound interest and simple interest on a certain sum at 8% per annum for 2 years is Rs.240. Find the sum
   a. Rs.35,000 b. Rs.35,700 c. Rs.37,500 d. Rs.40,000
   Answer: c

39. The difference between simple interest and compound interest on Rs.500 for 1 year at 12.5% per annum is
   a. Rs.15 b. Rs.15.50 c. Rs.50 d. Rs.0
   Answer: d

40. The difference between the compound and the simple interest occurred as an amount of Rs.18000 in 2 years was Rs.405. What was the rate of interest per annum?
   a. 10% b. 12% c. 15% d. 9%
   Answer: c

41. The difference between simple and compound interest for a sum of Rs.5000 lent at 12% per annum in 2 yrs is
   a. Rs.720 b. Rs.12 c. Rs.72 d. Rs.700
42. A sum at compound interest doubles itself in 15 years. In how much years will it become 8 times?
   a. 20 b. 25 c. 35 d. 45
   Answer: d

43. A sum of money becomes 27 times in 45 years at compound interest. In how many years it becomes 9 times?
   a. 10yrs b. 15yrs c. 30yrs d. 25yrs
   Answer: c

44. A sum of money doubles itself at 6 1/4 % per annum over a certain time. Find the number of years.
   a. 16 b. 14 c. 20 d. none of these
   Answer: a

45. A certain sum of money lent out at simple interest basis amounts to Rs.660 in 3 years and Rs.720 in 5 years. The sum lent is
   a. Rs.570 b. Rs.600 c. Rs.540 d. Rs.525
   Answer: a

46. At simple interest Rs.1000 becomes Rs.1150 in 3 years. If the interest rate is increased by 3% then the total amount is
   a. Rs.1400 b. Rs.1300 c. Rs.1140 d. Rs.1240
   Answer: d

47. A debt of Rs.1640 due in 2 years at the rate of 5%. Compound interest is paid in two equal annual installments. Find the installment amount?
   a. Rs.810 b. Rs.882 c. Rs.1000 d. Rs.820
48. If Ram needs Rs.6,00,000 after 10 years how much should he invest now in a bank of the bank pays 20% interest per annum?
a. Rs.2,50,000 b. Rs.3,00,000 c. Rs.2,00,000 d. Rs.4,00,000
Answer: c

49. Imran deposits Rs.400 per month in a post office as R.D for 2 years. If the rate of interest is 12% find the amount he will receive at the end of 2 years.
a. Rs.12,800 b. Rs.10,000 c. Rs.12,000 d. Rs.10,800
Answer: d

50. How long will it take a sum of money invested at 12.5% p.a SI to increase its value by 50%?
a. 5 yrs b. 3 yrs c. 2 yrs d. 4 yrs
Answer: d

51. The compound interest on Rs.30,000 at 7% per annum is Rs.4347. The period in years is
a. 2 b. 2.5 c. 3 d. 4
Answer: a

52. If the C.I on a certain sum for 3 years at 10% per annum be Rs.331. What would be the simple interest?
a. Rs.3000 b. Rs.300 c. Rs.30 d. Rs.30000
Answer: b

53. A sum of money at compound interest amounts to Rs.672 in 2 years and 714 in 3 years. The rate of interest is
a. 5%  b. 3.5%  c. 6 1/4%  d. 7.5%  Answer: c

54. A sum of money amounts to Rs.8,400 in 5 years and to Rs.9360 in 7 years at simple interest. Find the sum and the rate of interest.
   a. 5000, 7%  b. 8000, 8%  c. 6000, 9%  d. 6000, 8%
   Answer: d

55. If the simple interest for an amount at 4% per annum for 3 years is Rs.1200. Find the compound interest at the same rate for the same amount for 2 years.
   a. Rs.10,116  b. Rs.10,720  c. Rs.10,616  d. Rs.816
   Answer: d

56. A sum of money doubles itself in 20 years in simple interest. Then the rate of interest per annum is
   a. 5%  b. 4%  c. 5.5%  d. 4.5%
   Answer: a

57. A sum of money doubles itself at compound interest in 10 years. The number of years in which the amount becomes four times is
   a. 10  b. 40  c. 20  d. 30
   Answer: c

58. The rate at which a sum doubles in 7 years at simple interest is
   a. 14 2/7%  b. 15%  c. 16%  d. 19%
   Answer: a

59. The difference between simple interest and compound interest for 2 years at 5% is Rs.225. Find the sum.
   a. Rs.45000  b. Rs.90000  c. Rs.95000  d. Rs.80000
Answer: b

60. The difference between compound interest and the simple interest on Rs.1250 for 2years at 8% is
   a. Rs.2 b. Rs.4 c. Rs.6 d. Rs.8
   Answer: d

61. The difference between the compound interest and the simple interest on a certain sum at 10% per annum for 2years is Rs.52. The principal amount is
   a. Rs.5200 b. Rs.2500 c. Rs.5000 d. Rs.5100
   Answer: a

62. The difference between simple and compound interest compounded annually on a certain sum of money in 2years at 4% per annum is Rs.1. The sum (in Rs) is
   a. Rs.625 b. Rs.630 c. Rs.640 d. Rs.650
   Answer: a

63. The difference between the simple interest received from 2 different banks on Rs.2000 for 3years is Rs.12.50. The difference between their rate of interest is
   a. 3/10 % b. 2/5 % c. 5/24 % d. 7/10 %
   Answer: c

64. Find the amount of Rs.1400 invested at SI 14% during the period from 5th Feb 1994 to 19th April 1994
   a. Rs.1539 b. Rs.1437 c. Rs.1439.20 d. Rs.1469.20
   Answer: c
65. A sum was put at simple interest at certain rate for 2 years. Had it been put at 3% higher rate it would have fetched Rs.72 more. The sum is
a. Rs.1200  b. Rs.1500  c. Rs.1600  d. Rs.1800
Answer: a

66. A certain sum of money lent out at simple interest amounts to Rs.690 in 3 years and Rs.750 in 5 years. The sum lent is
a. Rs.400  b. Rs.450  c. Rs.500  d. Rs.600
Answer: d

67. At simple interest Rs.1000 becomes Rs.1150 in 3 years. If the interest rate is increased by 3% then the total amount is
a. 1400  b. 1300  c. 1140  d. 1240
Answer: d

68. Malini deposited Rs.7000 with a finance company for 3 years at an interest of 15% per annum. What is the compound interest and the amount that Malini will get after 3 years?
 a. C.I – Rs.3246, amount – Rs.13,246
   b. C.I – Rs.3646, amount – Rs.10,646
   c. C.I – Rs.6436, amount – Rs.16,046
   d. C.I – Rs.4636, amount – Rs.14,636
Answer: b

69. Some amount of Rs.7000 was lent at 6% per annum and the remaining was lent at 4%. If the total simple interest in 5 years is Rs.1600, find the sum lent out at 6%.
a. 6000  b. 5000  c. 4000  d. 2000
Answer: d
70. A man borrows Rs.800 at 4% interest per annum and Rs.700 at 5% interest per annum for the same period. If he pays a sum of Rs.268 as total interest then the time for which he borrowed the sum is
   a. 2 years b. 3 years c. 4 years d. 5 years
Answer: c

71. In how many years will a sum be thrice of itself at the rate of 10% per annum?
   a. 10 b. 15 c. 20 d. 25
Answer: c