

# Compound Interest

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1. A sum of Rs. 10,000 is invested at 10% per annum compounded yearly. What will be the amount after 2 years?

- A) Rs. 11,000
- B) Rs. 12,100
- C) Rs. 12,200
- D) Rs. 11,500

Answer: B) Rs. 12,100

2. What is compound interest on Rs. 5,000 for 2 years at 8% per annum compounded annually?

- A) Rs. 832
- B) Rs. 800
- C) Rs. 864
- D) Rs. 850

Answer: A) Rs. 832

3. The difference between compound interest and simple interest on Rs. 8,000 at 10% for 2 years is:

- A) Rs. 80
- B) Rs. 90
- C) Rs. 100
- D) Rs. 75

Answer: A) Rs. 80

4. If a sum doubles itself in 3 years on compound interest, what is the rate per annum?

- A) 20%
- B) 26%
- C) 25.99%
- D) 30%

Answer: C) 25.99%

5. The compound interest on Rs. 6,000 for 1 year at 5% compounded half yearly is:

- A) Rs. 305
- B) Rs. 300
- C) Rs. 307.5
- D) Rs. 310

Answer: C) Rs. 307.5

6. A sum of Rs. 28,000 amounts to Rs. 35,560 in 2 years at compound interest. Find the rate of interest.

- A) 12%
- B) 10%
- C) 6%
- D) 15%

Answer: A) 12%

7. What is the amount on Rs. 4,000 at 5% per annum compounded annually for 3 years?

- A) Rs. 4,630
- B) Rs. 4,621
- C) Rs. 4,600
- D) Rs. 4,800

Answer: B) Rs. 4,621

8. Compound interest compounded annually on Rs. 5,000 for 3 years at 8% per annum will be:

- A) Rs. 1,260.80
- B) Rs. 1,270
- C) Rs. 1,280
- D) Rs. 1,500

Answer: A) Rs. 1,260.80

9. The difference between compound interest and simple interest on Rs. 12,000 for 2 years at 10% is:

- A) Rs. 120

B) Rs. 121

C) Rs. 122

D) Rs. 119

Answer: B) Rs. 121

10. If compound interest is calculated half yearly on a sum of Rs. 3,000 at 10% for 2 years, the amount will be:

A) Rs. 3,610.50

B) Rs. 3,610

C) Rs. 3,600

D) Rs. 3,615

Answer: A) Rs. 3,610.50

11. What is the principal if the compound interest for 2 years at 12% per annum is Rs. 2,688?

A) Rs. 8,000

B) Rs. 10,000

C) Rs. 9,000

D) Rs. 8,500

Answer: B) Rs. 10,000

12. A sum invested at compound interest doubles itself in 5 years. The rate of interest per annum is:

A) 14.87%

B) 15%

C) 16%

D) 17%

Answer: A) 14.87%

13. Compound interest on Rs. 10,000 for 3 years at 5% per annum compounded yearly is:

A) Rs. 1,576.25

B) Rs. 1,500

C) Rs. 1,525

D) Rs. 1,600

Answer: A) Rs. 1,576.25

14. The compound interest on Rs. 8000 for 2 years at 12% per annum compounded annually is:

A) Rs. 1,900.80

B) Rs. 1,920

C) Rs. 1,900

D) Rs. 1,850

Answer: A) Rs. 1,900.80

15. The compound interest on Rs. 15,000 for 1.5 years at 8% compounded half yearly is:

A) Rs. 1,884

B) Rs. 1,880

C) Rs. 1,875

D) Rs. 1,890

Answer: A) Rs. 1,884

16. A sum of money invested at compound interest doubles after 4 years. The rate of interest is:

A) 18.93%

B) 19%

C) 20%

D) 17.67%

Answer: A) 18.93%

17. The compound interest on Rs. 6,000 at 12% per annum compounded annually for 2 years is:

A) Rs. 1,344

B) Rs. 1,330

C) Rs. 1,320

D) Rs. 1,360

Answer: A) Rs. 1,344

18. What is the amount when Rs. 7,000 is invested for 3 years at 6% compounded yearly?

- A) Rs. 8,330.52
- B) Rs. 8,341.52
- C) Rs. 8,330
- D) Rs. 8,300

Answer: A) Rs. 8,330.52

19. The compound interest on Rs. 1,200 for 2 years at 6% per annum compounded yearly is:

- A) Rs. 148.32
- B) Rs. 140
- C) Rs. 144
- D) Rs. 150

Answer: A) Rs. 148.32

20. If Rs. 6,000 is invested at 8% per annum compounded annually, the compound interest for 2 years will be:

- A) Rs. 972.80
- B) Rs. 1,000
- C) Rs. 970
- D) Rs. 980

Answer: A) Rs. 972.80

21. The compound interest on Rs. 9,000 for 2 years at 6% compounded annually is:

- A) Rs. 1,116
- B) Rs. 1,080
- C) Rs. 1,100
- D) Rs. 1,120

Answer: A) Rs. 1,116

22. If Rs. 7,500 is invested at 12% compounded annually, the amount after 3 years will be:

- A) Rs. 10,535.04

B) Rs. 10,000

C) Rs. 10,800

D) Rs. 9,800

Answer: A) Rs. 10,535.04

23. A sum of Rs. 1,200 amounts to Rs. 1,463 in 3 years. Find the rate of interest compounded annually:

A) 8.5%

B) 8%

C) 9%

D) 10%

Answer: C) 9%

24. If a sum of money is compounded quarterly, the rate of interest is 12% per annum. What is the effective interest rate per annum?

A) 12.55%

B) 12.20%

C) 13%

D) 11.50%

Answer: A) 12.55%

25. Find the compound interest on Rs. 5,000 for 4 years at 10% per annum compounded annually:

A) Rs. 2,210.50

B) Rs. 2,200

C) Rs. 2,400

D) Rs. 2,100

Answer: A) Rs. 2,210.50

26. The compound interest on Rs. 8,000 for 3 years at 7% per annum is:

A) Rs. 1,796.92

B) Rs. 1,800

C) Rs. 1,750

D) Rs. 1,700

Answer: A) Rs. 1,796.92

27. A sum of money triples itself in 8 years at compound interest. What is the rate of interest?

A) 14.3%

B) 13.7%

C) 12.5%

D) 15%

Answer: A) 14.3%

28. Rs. 1000 is deposited for 2 years at 8% interest compounded annually. The interest earned is:

A) Rs. 166.40

B) Rs. 160

C) Rs. 168

D) Rs. 165

Answer: A) Rs. 166.40

29. The amount after 3 years on Rs. 12,000 at 5% compound interest per annum is:

A) Rs. 13,815

B) Rs. 13,500

C) Rs. 13,775

D) Rs. 13,900

Answer: A) Rs. 13,815

30. The difference between simple interest and compound interest on Rs. 6,000 for 2 years at 10% per annum is:

A) Rs. 60

B) Rs. 50

C) Rs. 71

D) Rs. 55

Answer: A) Rs. 60

31. If the compound interest on Rs. 10,000 at 5% per annum for 2 years is Rs. 1,025, what is the amount?

- A) Rs. 11,025
- B) Rs. 11,030
- C) Rs. 11,000
- D) Rs. 11,020

Answer: A) Rs. 11,025

32. The amount obtained by investing Rs. 15,000 for 2 years at 6% compound interest is:

- A) Rs. 16,890
- B) Rs. 15,600
- C) Rs. 16,800
- D) Rs. 16,500

Answer: A) Rs. 16,890

33. A person invests Rs 4,500 at compound interest at 8% per annum. The amount after 3 years is:

- A) Rs. 5,724.48
- B) Rs. 6,000
- C) Rs. 5,900
- D) Rs. 5,800

Answer: A) Rs. 5,724.48

34. If compound interest is compounded half yearly, the amount at the end of 1 year on Rs. 7,000 at 10% p.a. is:

- A) Rs. 7,152.50
- B) Rs. 7,100
- C) Rs. 7,200
- D) Rs. 7,150

Answer: A) Rs. 7,152.50

35. The compound interest on Rs. 2,000 for 3 years at 10% compounded yearly is:



A) Rs. 662

B) Rs. 600

C) Rs. 630

D) Rs. 700

Answer: A) Rs. 662

36. Calculate the compound interest on Rs. 3,500 for 2 years at 6% per annum:

A) Rs. 436.20

B) Rs. 420

C) Rs. 450

D) Rs. 430

Answer: A) Rs. 436.20

37. The compound interest on Rs. 4,000 for 2 years at 5% per annum compounded half yearly is:

A) Rs. 410.25

B) Rs. 400

C) Rs. 420

D) Rs. 415

Answer: A) Rs. 410.25

38. A sum of Rs. 6,000 amounts to Rs. 7,000 in 2 years. The rate of compound interest per annum is:

A) 8.01%

B) 7.5%

C) 8%

D) 9%

Answer: A) 8.01%

39. A sum doubles itself in 5 years compounded annually. The rate of interest is:

A) 14.87%

B) 15%

C) 14%

D) 13.5%

Answer: A) 14.87%

40. When Rs. 8,000 is invested at compound interest for 2 years at 10%, the compound interest is:

A) Rs. 1,680

B) Rs. 1,620

C) Rs. 1,600

D) Rs. 1,700

Answer: A) Rs. 1,680

41. What is the amount on Rs. 5,000 at 6% compounded annually after 4 years?

A) Rs. 6,315

B) Rs. 6,400

C) Rs. 6,453

D) Rs. 6,350

Answer: A) Rs. 6,315

42. A sum of Rs. 10,000 is invested at 8% compounded annually. The interest earned in the third year is:

A) Rs. 864

B) Rs. 850

C) Rs. 875

D) Rs. 900

Answer: A) Rs. 864

43. If Rs. 8,000 is invested at compound interest rate of 5% per annum, the amount after 3 years will be:

A) Rs. 9,261

B) Rs. 9,300

C) Rs. 9,200

D) Rs. 9,400

Answer: A) Rs. 9,261

44. How much money will Rs. 7,000 yield in 3 years at 12% compound interest?

- A) Rs. 2,638.40
- B) Rs. 2,620
- C) Rs. 2,600
- D) Rs. 2,640

Answer: A) Rs. 2,638.40

45. A certain sum amounts to Rs. 5,464 in 2 years at 15% compound interest. The principal is:

- A) Rs. 4,000
- B) Rs. 4,200
- C) Rs. 4,100
- D) Rs. 4,300

Answer: A) Rs. 4,000

46. The compound interest on a sum of Rs. 2,000 at 10% per annum for 3 years is:

- A) Rs. 662
- B) Rs. 660
- C) Rs. 670
- D) Rs. 680

Answer: A) Rs. 662

47. The compound interest on Rs. 16,000 for 2 years at 8% per annum compounded annually is:

- A) Rs. 2,649.60
- B) Rs. 2,600
- C) Rs. 2,640
- D) Rs. 2,650

Answer: A) Rs. 2,649.60

48. The compound interest on Rs. 12,000 for 3 years at 6.5% per annum compounded annually is:

- A) Rs. 2,536.35

B) Rs. 2,520

C) Rs. 2,500

D) Rs. 2,530

Answer: A) Rs. 2,536.35

49. A sum of Rs. 5,000 amount to Rs. 6,000 in 2 years, find the rate of compound interest:

A) 9.54%

B) 9%

C) 10%

D) 10.5%

Answer: A) 9.54%

50. The amount (A) after 2 years on a principal of Rs. 10,000 at 5% compound interest per annum is:

A) Rs. 11,025

B) Rs. 11,020

C) Rs. 11,030

D) Rs. 11,000

Answer: A) Rs. 11,025

51. A sum of Rs. 4,000 invested at compound interest amounts to Rs. 4,404.08 in 2 years. The rate of interest per annum is:

A) 5%

B) 4.5%

C) 5.5%

D) 6%

Answer: A) 5%

52. What is the compound interest on Rs. 9,000 for 3 years at 6% per annum?

A) Rs. 1,820.16

B) Rs. 1,800

C) Rs. 1,815

D) Rs. 1,830

Answer: A) Rs. 1,820.16

53. The compound interest on Rs. 7,500 for 4 years at 8% per annum compounded yearly is:

A) Rs. 2,588.81

B) Rs. 2,600

C) Rs. 2,580

D) Rs. 2,590

Answer: A) Rs. 2,588.81

54. The amount after 1 year on Rs. 10,000 at 10% interest compounded half-yearly is:

A) Rs. 11,025

B) Rs. 11,060

C) Rs. 11,000

D) Rs. 11,050

Answer: B) Rs. 11,060

55. If Rs. 15,000 is invested at 7% p.a., compounded quarterly, the amount after 2 years will be:

A) Rs. 17,277.75

B) Rs. 17,200

C) Rs. 17,280

D) Rs. 17,300

Answer: A) Rs. 17,277.75

56. The compound interest on Rs. 20,000 at 10% for 3 years is:

A) Rs. 6,620

B) Rs. 6,000

C) Rs. 6,600

D) Rs. 6,500

Answer: A) Rs. 6,620

57. A sum doubles itself in 10 years at compound interest. The rate of interest is:

- A) 7.18%
- B) 7%
- C) 8%
- D) 6.5%

Answer: A) 7.18%

58. What is the compound interest on Rs. 10,000 for 5 years at 8%?

- A) Rs. 4,693.28
- B) Rs. 4,700
- C) Rs. 4,680
- D) Rs. 4,600

Answer: A) Rs. 4,693.28

59. The compound interest on Rs. 16,000 for 6 months at 10% p.a. compounded quarterly is:

- A) Rs. 810
- B) Rs. 800
- C) Rs. 805
- D) Rs. 820

Answer: A) Rs. 810

60. The amount obtained on Rs. 25,000 for 1 year at 5% compounded monthly is:

- A) Rs. 26,271.29
- B) Rs. 26,250
- C) Rs. 26,200
- D) Rs. 26,300

Answer: A) Rs. 26,271.29

61. A sum of Rs. 2,000 amounts to Rs. 2,420 in 2 years at compound interest. What is the rate of interest?

- A) 10%

B) 12%

C) 15%

D) 20%

Answer: B) 12%

62. What is the compound interest on Rs. 7,500 for 3 years at 6% per annum compounded annually?

A) Rs. 1,426.26

B) Rs. 1,350

C) Rs. 1,400

D) Rs. 1,420

Answer: A) Rs. 1,426.26

63. The difference between compound interest and simple interest on Rs. 5,000 for 2 years at 10% per annum is:

A) Rs. 50

B) Rs. 55

C) Rs. 52.50

D) Rs. 60

Answer: C) Rs. 52.50

64. A sum doubles in 4 years at compound interest. What is the rate of interest?

A) 18.92%

B) 20%

C) 16%

D) 15.87%

Answer: A) 18.92%

65. Compound interest on Rs. 6,000 at 8% per annum for 1 year compounded half yearly is:

A) Rs. 487.20

B) Rs. 480

C) Rs. 490

D) Rs. 485

Answer: A) Rs. 487.20

66. The amount after 5 years for Rs. 12,000 at 10% per annum compounded yearly is:

A) Rs. 19,326

B) Rs. 19,500

C) Rs. 19,200

D) Rs. 19,400

Answer: A) Rs. 19,326

67. What is the compound interest on Rs. 15,000 at 12% per annum for 2 years compounded annually?

A) Rs. 3,744

B) Rs. 3,600

C) Rs. 3,700

D) Rs. 3,650

Answer: A) Rs. 3,744

68. If Rs. 5,000 is invested at 10% compounded half yearly, the amount at the end of 1 year is:

A) Rs. 5,250

B) Rs. 5,252.50

C) Rs. 5,200

D) Rs. 5,240

Answer: B) Rs. 5,252.50

69. The difference between compound interest and simple interest on Rs. 9,000 for 3 years at 8% is:

A) Rs. 163.52

B) Rs. 160

C) Rs. 165

D) Rs. 170

Answer: A) Rs. 163.52



70. The amount obtained on Rs. 25,000 at 5% compound interest for 3 years is:

- A) Rs. 28,953.13
- B) Rs. 28,950
- C) Rs. 28,900
- D) Rs. 29,000

Answer: A) Rs. 28,953.13

71. The compound interest on Rs. 6,000 for 6 months at 10% per annum compounded quarterly is:

- A) Rs. 303
- B) Rs. 300
- C) Rs. 302.50
- D) Rs. 305

Answer: A) Rs. 303

72. A sum invested at 15% p.a. compound interest doubles in 5 years. What is the principal if amount is Rs. 6,000?

- A) Rs. 3,000
- B) Rs. 2,800
- C) Rs. 3,200
- D) Rs. 3,100

Answer: A) Rs. 3,000

73. The difference between compound interest compounded yearly and half yearly on Rs. 8,000 at 12% for 1 year is:

- A) Rs. 38.40
- B) Rs. 40
- C) Rs. 35
- D) Rs. 45

Answer: A) Rs. 38.40

74. What will be the compound interest on Rs. 18,000 at 8% per annum for 3 years?

A) Rs. 4,677.63

B) Rs. 4,620

C) Rs. 4,650

D) Rs. 4,700

Answer: A) Rs. 4,677.63

75. A sum of Rs. 5000 is invested at compound interest. If the rate is 5% per annum compounded quarterly, what will be the amount after 2 years?

A) Rs. 5,512.56

B) Rs. 5,500

C) Rs. 5,600

D) Rs. 5,520

Answer: A) Rs. 5,512.56

76. The compound interest on Rs. 4500 for 3 years at 6% per annum compounded yearly is:

A) Rs. 882.52

B) Rs. 880

C) Rs. 890

D) Rs. 870

Answer: A) Rs. 882.52

77. The amount on Rs. 10,000 after 3 years at 7% per annum compounded yearly is:

A) Rs. 12,250.10

B) Rs. 12,250

C) Rs. 12,000

D) Rs. 12,300

Answer: A) Rs. 12,250.10

78. The compound interest on Rs. 7,500 for 2 years at 10% compounded quarterly is:

A) Rs. 1,598.64

B) Rs. 1,600

C) Rs. 1,590

D) Rs. 1,580

Answer: A) Rs. 1,598.64

79. A sum of Rs. 16,000 at 6% compound interest amounts to Rs. 19,078.40 after 3 years. What is the compound interest?

A) Rs. 3,078.40

B) Rs. 3,000

C) Rs. 3,100

D) Rs. 3,050

Answer: A) Rs. 3,078.40

80. The compound interest on Rs. 9,000 at 9% per annum compounded annually for 1.5 years is:

A) Rs. 1,241.77

B) Rs. 1,200

C) Rs. 1,250

D) Rs. 1,280

Answer: A) Rs. 1,241.77

81. A sum of Rs. 8,000 is compounded annually at 12% for 3 years. What is the amount?

A) Rs. 11,212.16

B) Rs. 11,000

C) Rs. 11,300

D) Rs. 11,250

Answer: A) Rs. 11,212.16

82. The compound interest on Rs. 10,000 for 4 years at 5% per annum compounded yearly is:

A) Rs. 2,155.06

B) Rs. 2,150

C) Rs. 2,200

D) Rs. 2,100

Answer: A) Rs. 2,155.06

83. A sum of money amounts to Rs. 7,290 in 2 years at compound interest. If the rate of interest is 8% per annum, find the principal:

- A) Rs. 6,250
- B) Rs. 6,300
- C) Rs. 6,200
- D) Rs. 6,400

Answer: A) Rs. 6,250

84. The compound interest on Rs. 5000 at 6% for 2 years compounded half yearly is:

- A) Rs. 618.15
- B) Rs. 615
- C) Rs. 620
- D) Rs. 612

Answer: A) Rs. 618.15

85. An amount of Rs. 5692 is made up of Rs. 5000 and compound interest accrued at 6% per annum for 2 years. Calculate the compound interest:

- A) Rs. 692
- B) Rs. 690
- C) Rs. 695
- D) Rs. 700

Answer: A) Rs. 692

86. The difference between CI and SI on Rs. 6,000 for 2 years at 10% per annum is:

- A) Rs. 60
- B) Rs. 58
- C) Rs. 55
- D) Rs. 65

Answer: A) Rs. 60

87. What will be the compound interest on Rs. 1200 at 5% per annum for 3 years compounded annually?

- A) Rs. 189.65
- B) Rs. 190
- C) Rs. 185
- D) Rs. 180

Answer: A) Rs. 189.65

88. The amount after 3 years on Rs. 8000 at 9% per annum compounded annually is:

- A) Rs. 10,395.12
- B) Rs. 10,400
- C) Rs. 10,350
- D) Rs. 10,300

Answer: A) Rs. 10,395.12

89. A sum of Rs. 12,000 amounts to Rs. 15,552 in 3 years at compound interest. Find the rate of interest:

- A) 8%
- B) 7.5%
- C) 9%
- D) 8.5%

Answer: A) 8%

90. The compound interest on Rs. 3000 for 2 years at 5% per annum compounded quarterly is:

- A) Rs. 308.81
- B) Rs. 300
- C) Rs. 305
- D) Rs. 310

Answer: A) Rs. 308.81

91. The amount after 2 years on Rs. 7500 at 6% per annum compounded yearly is:

- A) Rs. 8415

B) Rs. 8400

C) Rs. 8409

D) Rs. 8420

Answer: A) Rs. 8415

92. The compound interest on Rs. 5000 for 3 years at 10% per annum compounded half yearly is:

A) Rs. 1,581.14

B) Rs. 1,500

C) Rs. 1,550

D) Rs. 1,600

Answer: A) Rs. 1,581.14

93. A sum of Rs. 10,000 invested at 6% compound interest becomes Rs. 11,236 after 3 years. What is the rate of interest?

A) 6%

B) 7%

C) 5%

D) 6.5%

Answer: A) 6%

94. Calculate the amount on Rs. 20,000 at 12% compound interest for 2 years:

A) Rs. 25,120

B) Rs. 25,000

C) Rs. 24,800

D) Rs. 25,240

Answer: A) Rs. 25,120

95. The compound interest on a certain sum of money at 6% per annum for 2 years is Rs. 615. Calculate the sum:

A) Rs. 10,000

B) Rs. 9,800

C) Rs. 10,200

D) Rs. 9,900

Answer: A) Rs. 10,000

96. Find the compound interest on Rs. 5,000 for 4 years at 9% compounded annually:

A) Rs. 1,911.30

B) Rs. 1,900

C) Rs. 1,920

D) Rs. 1,910

Answer: A) Rs. 1,911.30

97. The amount on Rs. 7,000 at 5% compound interest for 3 years is:

A) Rs. 8,091.75

B) Rs. 8,100

C) Rs. 8,000

D) Rs. 8,050

Answer: A) Rs. 8,091.75

98. Calculate the compound interest on Rs. 15,000 for 5 years at 10% per annum compounded yearly:

A) Rs. 9,082.43

B) Rs. 9,000

C) Rs. 9,100

D) Rs. 9,200

Answer: A) Rs. 9,082.43

99. A sum of Rs. 6,250 amounts to Rs. 7,650 in 2 years. What is the rate of compound interest?

A) 11.2%

B) 10%

C) 12%

D) 11%

Answer: A) 11.2%

100. The difference between compound interest and simple interest on Rs. 8,000 for 3 years at 10% per annum is:

A) Rs. 246.40

B) Rs. 250

C) Rs. 240

D) Rs. 260

Answer: A) Rs. 246.40