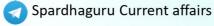


# **Spardhaguru India Private Limited**

### **SGIPLCECC PYQ Compound Interest**

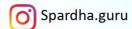
### 10 Years of Excellence











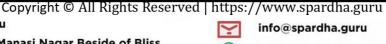




- 1. An amount of ₹ 6000 lent at 5% per annum compound interest for 2 yr will become
- (a) ₹ 600
- (b) ₹ 6600
- (c) ₹ 6610
- (d) ₹ 6615
- 2. The compound interest accrued on an amount at the end of 2 yr at the rate of 16% per annum is ₹ 3041.28. What is the amount?
- (a) ₹ 10500
- (b) ₹ 9000
- (c) ₹ 7250
- (d) ₹8800
- 3. What will be the amount in 2 yr on ₹ 7250 at 6% per annum compound interest? (to nearest integer)
- (a) ₹8176
- (b) ₹8146
- (c) ₹ 8216
- (d) ₹8170
- 4. Calculate the amount received on ₹800 at the rate of compound interest of 5% per annum in 2 yr.
- (a) ₹882
- (b) ₹ 992
- (c) ₹ 1080
- (d) ₹ 1082
- 5. What amount will be received on a sum of ₹ 40000 in 2 yr at the rate of 20% per annum, if interest is compounded yearly?
- (a) ₹ 48620
- (b) ₹ 58564
- (c) ₹ 57600
- (d) ₹ 60000

- 6. What will be the amount in 2 yr on ₹ 6300 at 5% per annum? (to nearest integer)
- (a) ₹ 6946
- (b) ₹ 6876
- (c) ₹ 6521
- (d) ₹ 6790
- 7. Calculate the amount on ₹ 1875 for 2 yr at 4% per annum, compounded yearly.
- (a) ₹ 676
- (b) ₹ 776
- (c) ₹ 1778
- (d) ₹ 2028
- 8. What will be the interest earned on ₹ 1400 for two years if the interest is compounded annually at 10% per annum?
- (a) ₹ 288
- (b) ₹ 294
- (c) ₹ 302
- (d) ₹ 308
- 9. What will be the compound interest on ₹ 7200 at the rate of compound interest of 5% per annum for 2 yr? imited
- (a) ₹841
- (b) ₹ 738
- (c) ₹ 793
- (d) ₹ 812
- 10. What is the compound interest accrued on a sum of ₹ 1800 at the rate of 4% per annum in 2 yr?
- (a) ₹ 146.88
- (b) ₹ 1946.88
- (c) ₹ 156.84
- (d) ₹ 1846.84





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# **Spardhaguru India Private Limited**

### **SGIPLCECC PYQ Compound Interest**

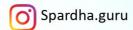
### 10 Years of Excellence















11. If interest is calculated yearly and compound interest is ₹ 331 at the rate of interest of 10% per annum for 3 yr, then principal is

- (a) ₹ 900
- (b) ₹ 1000
- (c) ₹ 1050
- (d) ₹ 1100

16. At which rate of interest per annum will ₹ 3000 increase to ₹ 3993 in 3 yr, if the interest is compounded annually?

- (a) 9%
- (b) 10%
- (c) 11%
- (d) 13%

12. A certain sum when invested at 5% interest compounded annually for 3 yr yields an interest of ₹ 2522. Find the principal.

- (a) ₹ 12522
- (b) ₹ 16000
- (c) ₹ 15200
- (d) ₹ 17200

17. At what rate per cent per annum will a sum of ₹ 1000 amount to ₹ 1102.50 in 2 yr at compound interest?

- (a) 5%
- (b) 5.5%
- (c) 6%
- (d) 6.5%

13. A sum of ₹ 5324 is accumulated in 3 yr at 10% per annum compound interest. What is the original sum?

- (a) ₹ 2000
- (b) ₹ 4000
- (c) ₹ 6000
- (d) ₹ 3000

18. If ₹ 1261 is received as a compound interest after investing ₹ 8000 for three years, then the rate of the interest per annum is

- (a) 25%
- (b) 17.5%
- (c) 10%
  - Privat(d) 5%

14. The principal for which amount at the rate of compound interest of 10% per annum for 3 yr is ₹ 1331, is

- (a) ₹ 2000
- (b) ₹ 1500
- (c) ₹ 1000
- (d) ₹800

19. A sum of ₹ 10000 amounts to ₹ 11449 in 2 yr, when the interest is compounded annually. The rate of interest per annum is

- (a) 6%
- (b) 1%
- (c) 8%
- (d) 7%

15. On which sum of money, the compound interest will be ₹ 164 at the rate of 5% per annum for 2 yr?

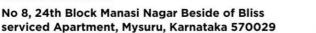
- (a) ₹ 1600
- (b) ₹ 1500
- (c) ₹ 1400
- (d) ₹ 1700

- 20. In what time ₹ 3200 will give compound interest of 672 at 10% rate of interest compounded annually?
- (a) 3yr
- (b) 4vr
- (c) lyr
- (d) 2yr

Page | 2







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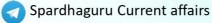
# Spardhaguru India Private Limited

# **Spardhaguru India Private Limited**

### **SGIPLCECC PYQ Compound Interest**

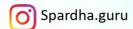
### 10 Years of Excellence















21. The compound interest on ₹ 6250 at 12% per annum for 1 yr, compounded half-yearly is

- (a) ₹ 772.50
- (b) ₹ 772
- (c) ₹ 672.50
- (d) ₹ 672

25. The compound interest on ₹ 6000 at 10% per annum for 1 ½ yr, when the interest being compounded annually, is

- (a) ₹ 910
- (b) ₹870
- (c) ₹ 930

2 ¾ yr, is

(a) ₹ 260

(c) ₹ 255

(d) ₹ 900

(b) ₹ 252

(d) None of these

26. The compound interest on ₹ 480 at the rate of interest of 16 2/3 % per annum for

22. If the interest compounded half - yearly, then what is the amount on ₹ 16000 at the rate of compound interest of 10% per annum for 2 yr?

- (a) ₹ 19448 (b) ₹ 17243
- (c) ₹ 19880 (d) ₹ 18973

27. Find the compound interest for the sum of ₹ 9375 in 2 yr, if the rate of interest for first year is 2% and for second year is 4%.

- (a) ₹ 570
- (b) ₹ 670
- (c) ₹ 770
- (d) ₹ 760

23. What will be the amount of ₹ 2560 at the rate of interest of 25% per annum for 6 months, if interest is calculated quarterly?

- (a) ₹ <mark>33</mark>20
- (b) ₹ 8290
- (c) ₹ 2980
- (d) ₹ 2890

28. A sum invested for 3 yr compounded at 5%, 10% and 20%, for first, second and third year respectively. In three years, if the sum amounts to ₹ 16632, then find the set is

- (a) ₹ 11000
- (b) ₹ 12000
- (c) ₹ 13000
- (d) ₹ 14000

24. A sum of ₹ 5000 is invested at a scheme of compound interest. The interest rate is 20% per annum. If the interest is compounded half-yearly, then what is interest (in ₹) after 1 yr?

- (a) ₹ 1000
- (b) ₹ 2200
- (c) ₹ 1500
- (d) ₹ 1050

29. If the compound interest on a sum for 2 yr at 12 ½ % per annum is ₹ 510, the simple interest on the same sum at the same rate of interest for the same period of time is

- (a) ₹ 400
- (b) ₹ 450
- (c) ₹ 460
- (d) ₹ 480

Page | 3

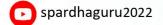
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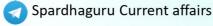


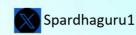
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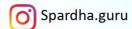
### 10 Years of Excellence















30. If the compound interest on a certain sum for two consecutive years is ₹ 220 and ₹ 242, then the rate of interest per annum is

- (a) 8%
- (b) 10%
- (c) 11%
- (d) 12%

31. The ratio of amounts for 3 yr and 2 yr at the fixed rate of interest on a fixed amount is 21: 20, then rate of interest per annum is

- (a) 7%
- (b) 6%
- (c) 5%
- (d) 4%

32. A sum of money lent at compound interest amounts to ₹ 1460 in 2 yr and to ₹ 1606 in 3 yr. The rate of interest per annum is

- (b) 46% (a) 12%
- (c) 10.5%

<sup>(d)</sup> <sup>1</sup>9% ardhaguru India Private Limited