



1. A man invested ₹3500.00 in 7.00% ₹90.00 shares quoted at ₹100.00. When the market value of these shares rose to ₹175.00, he sold some shares, just enough to raise ₹1400.00, find number of shares he still holds.

(i) 22 (ii) 27 (iii) 32 (iv) 24 (v) 30

2. A man invested ₹3850.00 in 4.00% ₹40.00 shares quoted at ₹70.00. When the market value of these shares rose to ₹95.00, he sold some shares, just enough to raise ₹1235.00, find the dividend due to him on the remaining shares.

(i) ₹72.20 (ii) ₹62.20 (iii) ₹64.20 (iv) ₹70.20 (v) ₹67.20

Which of the following is the best investment?

3. 12.00%, ₹100.00 shares at ₹125.00
13.00%, ₹100.00 shares at ₹140.00
11.00%, ₹100.00 shares at ₹135.00
14.00%, ₹100.00 shares at ₹110.00
10.00%, ₹100.00 shares at ₹150.00

(i) 11.00%, ₹100.00 shares at ₹135.00 (ii) 12.00%, ₹100.00 shares at ₹125.00
(iii) 10.00%, ₹100.00 shares at ₹150.00 (iv) 14.00%, ₹100.00 shares at ₹110.00
(v) 13.00%, ₹100.00 shares at ₹140.00

4. Divide ₹218500.00 into two parts such that if one part is invested in 2.00%, ₹100.00 shares at ₹10.00 discount and the other in 4.00%, ₹100.00 shares at ₹50.00 discount, the annual incomes are equal.

(i) ₹172800.00, ₹45700.00 (ii) ₹171900.00, ₹46600.00 (iii) ₹170500.00, ₹48000.00
(iv) ₹171000.00, ₹47500.00 (v) ₹47500.00, ₹171000.00

5. Divide ₹79750.00 into two parts such that if one part is invested in 2.00%, ₹100.00 shares at ₹20.00 discount and the other in 4.00%, ₹100.00 shares at ₹30.00 premium, the annual incomes are equal.

(i) ₹42700.00, ₹37050.00 (ii) ₹45600.00, ₹34150.00 (iii) ₹44000.00, ₹35750.00
(iv) ₹35750.00, ₹44000.00 (v) ₹44800.00, ₹34950.00

6. Divide ₹238000.00 into two parts such that if one part is invested in 2.00%, ₹100.00 shares at ₹10.00 premium and the other in 4.00%, ₹100.00 shares at ₹40.00 discount, the annual incomes are equal.

(i) ₹188100.00, ₹49900.00 (ii) ₹51000.00, ₹187000.00 (iii) ₹189200.00, ₹48800.00
(iv) ₹186400.00, ₹51600.00 (v) ₹187000.00, ₹51000.00

7. Divide ₹283500.00 into two parts such that if one part is invested in 2.00%, ₹100.00 shares at ₹10.00 premium and the other in 3.00%, ₹100.00 shares at ₹50.00 premium, the annual incomes are equal.

(i) ₹150700.00, ₹132800.00 (ii) ₹135000.00, ₹148500.00 (iii) ₹148500.00, ₹135000.00
(iv) ₹147000.00, ₹136500.00 (v) ₹149600.00, ₹133900.00

- A man bought 1250 shares of ₹180.00 par value paying dividend of 9.00% per annum. He sold them when the price became ₹225.00 and invested the proceeds in ₹787.00 shares, paying 8.00% dividend and quoted at ₹1125.00. Find the change in his annual income.
- (i) ₹4520.00 increased (ii) ₹4510.00 decreased (iii) ₹4500.00 decreased (iv) ₹4510.00 increased
(v) ₹4520.00 decreased
9. A man invested ₹9000.00 in 8.00% ₹180.00 shares quoted at ₹225.00. When the market value of these shares rose to ₹270.00, he sold some shares, just enough to raise ₹2700.00, find number of shares he still holds.
- (i) 27 (ii) 25 (iii) 30 (iv) 33 (v) 35
- A man invested ₹6800.00 in 10.00% ₹60.00 shares quoted at ₹80.00. When the market value of these shares rose to ₹120.00, he sold some shares, just enough to raise ₹5040.00, find the dividend due to him on the remaining shares.
- (i) ₹258.00 (ii) ₹260.00 (iii) ₹242.00 (iv) ₹285.00
- Which of the following is the best investment?
- 13.00%, ₹100.00 shares at ₹120.00
14.00%, ₹100.00 shares at ₹115.00
12.00%, ₹100.00 shares at ₹130.00
15.00%, ₹100.00 shares at ₹110.00
11.00%, ₹100.00 shares at ₹145.00
- (i) 15.00% , ₹100.00 shares at ₹110.00 (ii) 12.00% , ₹100.00 shares at ₹130.00
(iii) 11.00% , ₹100.00 shares at ₹145.00 (iv) 13.00% , ₹100.00 shares at ₹120.00
(v) 14.00% , ₹100.00 shares at ₹115.00
12. Divide ₹143750.00 into two parts such that if one part is invested in 2.00%, ₹100.00 shares at ₹10.00 discount and the other in 4.00%, ₹100.00 shares at ₹50.00 discount , the annual incomes are equal.
- (i) ₹114300.00 , ₹29450.00 (ii) ₹31250.00 , ₹112500.00 (iii) ₹113400.00 , ₹30350.00
(iv) ₹112500.00 , ₹31250.00 (v) ₹112000.00 , ₹31750.00
13. Divide ₹144875.00 into two parts such that if one part is invested in 2.00%, ₹100.00 shares at ₹20.00 discount and the other in 4.00%, ₹100.00 shares at ₹45.00 premium , the annual incomes are equal.
- (i) ₹77600.00 , ₹67275.00 (ii) ₹76800.00 , ₹68075.00 (iii) ₹74550.00 , ₹70325.00
(iv) ₹68875.00 , ₹76000.00 (v) ₹76000.00 , ₹68875.00
14. Divide ₹217500.00 into two parts such that if one part is invested in 2.00%, ₹100.00 shares at ₹25.00 premium and the other in 4.00%, ₹100.00 shares at ₹50.00 discount , the annual incomes are equal.
- (i) ₹182500.00 , ₹35000.00 (ii) ₹36250.00 , ₹181250.00 (iii) ₹181250.00 , ₹36250.00
(iv) ₹183750.00 , ₹33750.00 (v) ₹180750.00 , ₹36750.00
15. Divide ₹279000.00 into two parts such that if one part is invested in 2.00%, ₹100.00 shares at ₹10.00 premium and the other in 3.00%, ₹100.00 shares at ₹45.00 premium , the annual incomes are equal.
- (i) ₹150700.00 , ₹128300.00 (ii) ₹149600.00 , ₹129400.00 (iii) ₹148500.00 , ₹130500.00
(iv) ₹130500.00 , ₹148500.00 (v) ₹147050.00 , ₹131950.00

A man bought 1000 shares of ₹60.00 par value paying dividend of 5.00% per annum. He sold them when the price became ₹100.00 and invested the proceeds in ₹400.00 shares, paying 12.00% dividend and quoted at ₹800.00. Find the change in his annual income.

- (i) ₹2990.00 increased (ii) ₹3010.00 increased (iii) ₹3000.00 decreased (iv) ₹3010.00 decreased
(v) ₹3000.00 increased

Assignment Key

1) (ii)	2) (v)	3) (iv)	4) (iv)	5) (iii)	6) (v)
7) (iii)	8) (ii)	9) (iii)	10) (i)	11) (i)	12) (iv)
13) (v)	14) (iii)	15) (iii)	16) (v)		

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