EduSahara™ Learning Center Assignment

Grade : Class X, ICSE
Chapter : Shares and Dividend
Name : Shares and Dividends Word Problems

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1. A man invested ₹4900.00 in 10.00% ₹40.00 shares quoted at ₹70.00. When the market value of these shares rose to ₹170.00, he sold some shares, just enough to raise₹2890.00, find number of shares he still holds.

   (i) 48 (ii) 50 (iii) 58 (iv) 56 (v) 53

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2. A man invested ₹18050.00 in 10.00% ₹180.00 shares quoted at ₹190.00. When the market value of these shares rose to ₹270.00, he sold some shares, just enough to raise₹12690.00, find the dividend due to him on the remaining shares.

   (i) ₹864.00 (ii) ₹849.00 (iii) ₹838.00 (iv) ₹876.00 (v) ₹872.00

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3. Which of the following is the best investment?

   9.00% , ₹100.00 shares at ₹120.00

   10.00% , ₹100.00 shares at ₹135.00

   8.00% , ₹100.00 shares at ₹110.00

   11.00% , ₹100.00 shares at ₹130.00

   7.00% , ₹100.00 shares at ₹145.00

   (i) 11.00% , ₹100.00 shares at ₹130.00

   (ii) 9.00% , ₹100.00 shares at ₹120.00

   (iii) 7.00% , ₹100.00 shares at ₹145.00

   (iv) 8.00% , ₹100.00 shares at ₹110.00

   (v) 10.00% , ₹100.00 shares at ₹135.00

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4. Divide ₹195500.00 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) ₹152500.00 , ₹43000.00 (ii) ₹153900.00 , ₹41600.00

   (iii) ₹42500.00 , ₹153000.00 (iv) ₹154800.00 , ₹40700.00

   (v) ₹153000.00 , ₹42500.00

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5. Divide ₹112500.00 into two parts such that if one part is invested in 6.00%, ₹100.00 shares at ₹10.00 discount and the other in 8.00%, ₹100.00 shares at ₹30.00 premium , the annual incomes are equal.

   (i) ₹54900.00 , ₹57600.00 (ii) ₹58500.00 , ₹54000.00

   (iii) ₹52700.00 , ₹59800.00 (iv) ₹54000.00 , ₹58500.00

   (v) ₹55800.00 , ₹56700.00

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6. Divide ₹99125.00 into two parts such that if one part is invested in 2.00%, ₹100.00 shares at ₹20.00 premium and the other in 4.00%, ₹100.00 shares at ₹35.00 discount , the annual incomes are equal.

   (i) ₹78000.00 , ₹21125.00 (ii) ₹79200.00 , ₹19925.00

   (iii) ₹21125.00 , ₹78000.00 (iv) ₹77350.00 , ₹21775.00

   (v) ₹80400.00 , ₹18725.00

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7. Divide ₹270000.00 into two parts such that if one part is invested in 2.00%, ₹100.00 shares at ₹25.00 premium and

the other in 3.00%, ₹100.00 shares at ₹50.00 premium , the annual incomes are equal.

(i) ₹151250.00 , ₹118750.00 (ii) ₹148500.00 , ₹121500.00

(iii) ₹120000.00 , ₹150000.00 (iv) ₹150000.00 , ₹120000.00

(v) ₹152500.00 , ₹117500.00

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8. A man bought 450 shares of ₹980.00 par value paying dividend of 12.00% per annum. He sold them when the price became ₹1400.00 and invested the proceeds in ₹320.00 shares, paying 7.00% dividend and quoted at ₹400.00. Find the change in his annual income.

(i) ₹17650.00 decreased

(ii) ₹17650.00 increased

(iii) ₹17640.00 decreased

(iv) ₹17630.00 decreased

(v) ₹17640.00 increased

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9. A man invested ₹1750.00 in 9.00% ₹40.00 shares quoted at ₹70.00. When the market value of these shares rose to ₹160.00, he sold some shares, just enough to raise₹960.00, find number of shares he still holds.

(i) 22 (ii) 16 (iii) 14 (iv) 19 (v) 24

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10. A man invested ₹3150.00 in 5.00% ₹70.00 shares quoted at ₹90.00. When the market value of these shares rose to ₹130.00, he sold some shares, just enough to raise₹2210.00, find the dividend due to him on the remaining shares.

(i) ₹63.00 (ii) ₹58.00 (iii) ₹60.00 (iv) ₹68.00 (v) ₹66.00

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11. Which of the following is the best investment?

3.00% , ₹100.00 shares at ₹135.00

4.00% , ₹100.00 shares at ₹150.00

2.00% , ₹100.00 shares at ₹110.00

5.00% , ₹100.00 shares at ₹120.00

1.00% , ₹100.00 shares at ₹130.00

(i) 3.00% , ₹100.00 shares at ₹135.00

(ii) 2.00% , ₹100.00 shares at ₹110.00

(iii) 1.00% , ₹100.00 shares at ₹130.00

(iv) 5.00% , ₹100.00 shares at ₹120.00

(v) 4.00% , ₹100.00 shares at ₹150.00

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12. Divide ₹111625.00 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 ₹45.00 discount , the annual incomes are equal.

(i) ₹87300.00 , ₹24325.00 (ii) ₹26125.00 , ₹85500.00

(iii) ₹84950.00 , ₹26675.00 (iv) ₹85500.00 , ₹26125.00

(v) ₹86400.00 , ₹25225.00

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13. Divide ₹176000.00 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 ₹40.00 premium , the annual incomes are equal.

(i) ₹99900.00 , ₹76100.00 (ii) ₹97600.00 , ₹78400.00

(iii) ₹99000.00 , ₹77000.00 (iv) ₹77000.00 , ₹99000.00

(v) ₹100800.00 , ₹75200.00

14. Divide ₹154500.00 into two parts such that if one part is invested in 2.00%, ₹100.00 shares at ₹25.00 premium and the other in 3.00%, ₹100.00 shares at ₹30.00 discount , the annual incomes are equal.

(i) ₹42000.00 , ₹112500.00 (ii) ₹112500.00 , ₹42000.00

(iii) ₹115000.00 , ₹39500.00 (iv) ₹111800.00 , ₹42700.00

(v) ₹113750.00 , ₹40750.00

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15. Divide ₹270000.00 into two parts such that if one part is invested in 2.00%, ₹100.00 shares at ₹25.00 premium and the other in 3.00%, ₹100.00 shares at ₹50.00 premium , the annual incomes are equal.

(i) ₹152500.00 , ₹117500.00 (ii) ₹151250.00 , ₹118750.00

(iii) ₹148500.00 , ₹121500.00 (iv) ₹150000.00 , ₹120000.00

(v) ₹120000.00 , ₹150000.00

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16. A man bought 1125 shares of ₹1080.00 par value paying dividend of 12.00% per annum. He sold them when the price became ₹1200.00 and invested the proceeds in ₹375.00 shares, paying 9.00% dividend and quoted at ₹750.00. Find the change in his annual income.

(i) ₹85040.00 decreased

(ii) ₹85060.00 increased

(iii) ₹85050.00 decreased

(iv) ₹85050.00 increased

(v) ₹85060.00 decreased

Assignment Key

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