



MATHS

BOOKS - BAL BHARTI

FINANCIAL PLANNING

Illustration

1. A manufacturer sold electric goods for a taxable value of ₹40,000 to the wholesaler. Wholesaler sold it to the retailer for ₹48,000

(taxable value). Retailer sold it to a customer for ₹52,000 (taxable value). Rate of GST is 18%. Find the CGST and SGST payable at each stage of trading.



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Example

1. Arati Gas Agency supplied LPG cylinder to the consumer for taxable value of 545. GST charged is 5%. What is the amount of CGST

and

SGST in the tax invoice? What is the total amount paid by the consumer? Find the amount of GST to be paid by Arati Gas Agency.



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2. Courier service agent charged total 590 to courier a parcel from Nashik to Nagpur. In the tax invoice value is 500 on which CGST is 45 and SGST is 45. Find the rate of GST charged for this service.



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3. Shreeker bought a Laptop with 10% discount on printed price. The printed price of that Laptop was 50,000. 18% GST was charged on discounted price. Find the amount of CGST and SGST. What amount did shreekar pay?



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4. Mr. Rohit is a retailer. He paid GST of 6500 at the time of purchase.

He collected of GST of 8000 at the time of sale.

(i) Find has input tax and output tax.

(ii) What is his Input tax credit?

(iii) Find his payable GST.

(iv). Hence find the payable CGST and payable SGST.



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5. Mr. Rohit is a retailer. He paid GST of 6500 at the time of purchase.

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(i) Find has input tax and output tax.

(ii) What is his Input tax credit?

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8. M/s Jay chemicals purchased a liquid soap having taxable value ₹8,000 and sold it to the consumer for the taxable value ₹10,000. Rate of GST is 18%. Find the CGST and SGST payable by M/s Jay Chemicals.



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9. M/s Jay Chemicals purchased a liquid soap for ₹8000 (taxable value) and sold it to the consumers for ₹10,000 (taxable value). Rate of

GST is 18%. Find the amount of CGST and SGST to be paid by Jay Chemicals.



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10. A manufacturer sold electric goods for a taxable value of ₹40,000 to the wholesaler. Wholesaler sold it to the retailer for ₹48,000 (taxable value). Retailer sold it to a customer for ₹52,000 (taxable value). Rate of GST is 18%. Find the CGST and SGST payable at each stage of trading.



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11. If 50 shares of FV 100 each are purchased for MV 120. Find the sum invested.



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12. If you want to purchase 50 shares of MV 50 each. What is the total amount to be paid?



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13. Shriyas purchased a share of FV 100 for MV of 120. Company declared 15% dividend on the share. Find the rate of return.



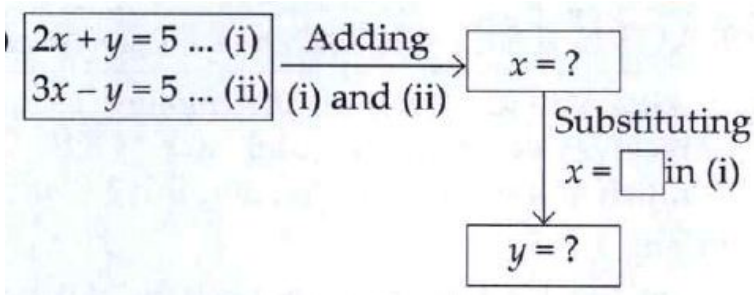
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14. $FV=100$, Premium =65 then $MV=?$



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15.



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16. Neel has invested in shares as follows. Find his total investment.

Company A : 350 shares, FV=10, premium =7

Company B : 2750 shares, FV=5, Discount =1

Company C : 50 shares, FV=100, MV=150



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17. Smita has invested ₹12,000 and purchased shares of FV ₹10 at a premium of ₹2. Find the number of shares she purchased.



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18. 50 shares of FV ₹10 were purchased for MV of ₹25. Company declared 30% dividend on the

shares. Find (i)Sum invested (ii)Dividend earned (iii)Rate of return.



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19. 50 shares of FV ₹10 were purchased for MV of ₹25. Company declared 30% dividend on the shares. Find (i)Sum invested (ii)Dividend earned (iii)Rate of return.



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20. 50 shares of FV ₹10 were purchased for MV of ₹25. Company declared 30% dividend on the shares. Find (i) Sum invested (ii) Dividend earned (iii) Rate of return.



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21. Suppose if the face value of the share is 100 and market value is 150. Let the rate of brokerage to 0.5. What amount should one

pay for purchasing 100 such shares? What amount should one receive after selling 100 such shares?



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22. A person paid ₹75 brokerage for buying 100 shares. The rate of GST on brokerage is 18%. Find the amount of GST to be paid to the broker.



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23. Bashirkhan purchased 100 shares of MV 40. Brokerage paid at the rate of 0.5% and rate of GST on brokerage is 18%. Find the total amount he paid for the share purchase.



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24. Pankajrao invested 1,25,295 in shares of FV 10, when MV is 125.

Rate of brokerage is 0.2% and GST is 18%. Then find (i) How many shares were purchased.

(ii). The amount of brokerage paid and (iii) GST paid for the trading.



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25. Nalinitai invested 6024 in the shares of FV 10 when the Market Value was 60. She sold all the shares at MV of 50 after taking 60% dividend. She paid 0.4% brokerage at each stage of transactions. What was the total gain or loss in this transaction?



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26. If the total value of the mutual fund scheme is 200 crores and 8 crore units are issued then find the NAV of one units.



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27. If NAV of one unit is ₹25, then how many units will be allotted for the investment of ₹10,000? a)100 b)200 c)300 d)400



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Practice Set 4 1

1. Pawan Medical supplies medicines. On some medicines the rate of GST is 12%, then what is the rate of CGST and SGST?



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2. On certain article if rate of CGST is 9% then what is the rate of SGST? And what is the rate

of GST?



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3. M/s Real Paint sold 2 tins of lustre paint and taxable value of each tin is ₹2800. If the rate of GST is 28%, then find the amount of CGST and SGST in the tax invoice.



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4. The taxable value of wrist watch belt is ₹586. Rate of GST is 18%, then what is price of the belt for the customer?



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5. The total value (with GST) of a remote controlled toy car is ₹1770. Rate of GST is 18% on toys. Find the taxable value, CGST and SGST for this toy-car.



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6. Tiptop Electronics supplied an AC of 1.5 ton to a company. Cost of the AC supplied is ₹51,200 (with GST). Rate of CGST on AC is 14%. Then find the following amounts as shown in the tax invoice of Tiptop Electronics. (1) Rate of SGST (2) Rate of GST. (3) Taxable value of AC. (4) Total amount of GST (5) Amount of CGST. (6) Amount of SGST.



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7. Tiptop Electronics supplied an AC of 1.5 ton to a company. Cost of the AC supplied is ₹51,200 (with GST). Rate of CGST on AC is 14%. Then find the following amounts as shown in the tax invoice of Tiptop Electronics. (1) Rate of SGST (2) Rate of GST. (3) Taxable value of AC. (4) Total amount of GST (5) Amount of CGST. (6) Amount of SGST.



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8. Tip top Electronics supplied an AC of 1.5 ton to a company . The cost of AC supplied is Rs 51,200 (with GST). The rate of CGST on AC is 14% . Then find the following amounts as shown in tax invoice of tip top electronics:

Taxable value of AC



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₹51,200 (with GST). Rate of CGST on AC is 14%. Then find the following amounts as shown in the tax invoice of Tiptop Electronics. (1) Rate of SGST (2) Rate of GST. (3) Taxable value of AC. (4) Total amount of GST (5) Amount of CGST. (6) Amount of SGST.



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12. Prasad purchased a washing-machine from 'Maharashtra Electronic Goods'. The discount of 5% was given on the printed price of ₹40,000. Rate of GST charged was 28%. Find the purchase price of washing machine. Also

find the amount of CGST and SGST shown in the tax invoice.



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Practice Set 4 2

1. Chetana Store paid total GST of ₹1,00,500 at the time of purchase and collected GST ₹1,22,500 at the time of sale during 1st of July 2017 to 31st July 2017. Find the GST payable by Chetana Stores.



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2. Nazama is a proprietor of a firm, registered under GST. She has paid GST of ₹12,500 on purchase and collected ₹14,750 on sale. What is the amount of ITC to be claimed? What is the amount of GST payable?



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3. Amir Enterprise purchased chocolate sauce bottles and paid GST of ₹3800. He sold those

bottles to Akbari Bros. and collected GST of ₹4100. Mayank Food Corner purchased these bottles from Akbari Bros and paid GST of ₹4500. Find the amount of GST payable at every stage of trading and hence find payable CGST and SGST.



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4. Malik Gas Agency (Chandigarh Union Territory) purchased some gas cylinders for industrial use for ₹24,500 and sold them to

the local customers for ₹26,500. Find the GST to be paid at the rate of 5% and hence the CGST and UTGST to be paid for this transaction. (for Union Territories there is UTGST instead of SGST).



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5. M/s Beauty Products paid 18% GST on cosmetics worth ₹6,000 and sold to a customer for ₹10,000. What are the amounts

of CGST and SGST shown in the tax invoice issued?



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6. Prepare Business to Customer(B2C) tax invoice using given information. Write the name of the supplier, address, state, date of invoice number, GSTIN etc. as per your choice. Supplier: m/s..... Address:..... State..... Date..... Invoice no:..... GSTIN:..... particulars-Rate of mobile battery-

₹200,Rate of GST 12%,HSN 8507,1 pc. Rate of Headphone-₹750,Rate of GST 18%,HSN 8518, 1 pc.



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7. Prepare Business to Business(B2B)Tax Invoice as per the details given below.name of the supplier,address,Date etc as per your choice.

Supplier	Name	Address	State	GSTIN	Invoice NO	Date
-						

Recipient -Name,Address,State,GSTIN, Items:

(1) Pencil boxes 100, HSN-3924, Rate ₹20, GST 12%.

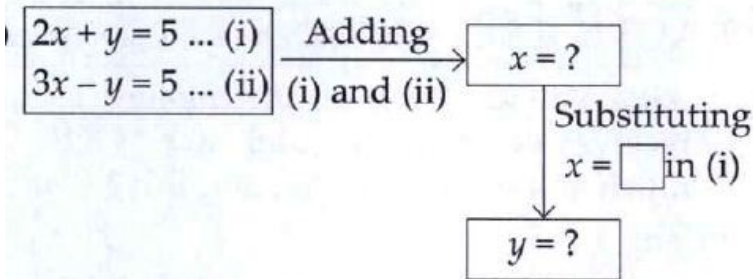
(2) Jigsaw Puzzles 50, HSN-9503, Rate ₹100 GST 12%.



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Practice Set 4 3

1.





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2. Mr. Amol purchased 50 shares of Face value 100 when the Market value of the share was 80. Company had given 20% dividend. Find the rate of return on investment.



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3. Joseph purchased following shares, Find his total investment.

Company A: 200 shares, FV= 2 Premium =18.

Company B : 45 shares, MV=500

Company C : 1 share, MV=10,540



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4. Smt Deshpande purchased shares of FV Rs 5 at a premium of Rs 20 . How many shares will she get for Rs 20,000?



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5. Shri Shantilal purchased 150 shares of FV Rs 100 for MV of Rs 120. Company paid the dividend at 7% . Find the rate of return on his investment.



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6. If the face value of both the shares is same, then which investment out of the following is more profitable?

Company A : dividend 16%, MV=80,

Company B : dividend 20%, MV=120.



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Practice Set 4 4

1. Market value of a share is ₹200. If the brokerage rate is 0.3%, then find the purchase value of the share.

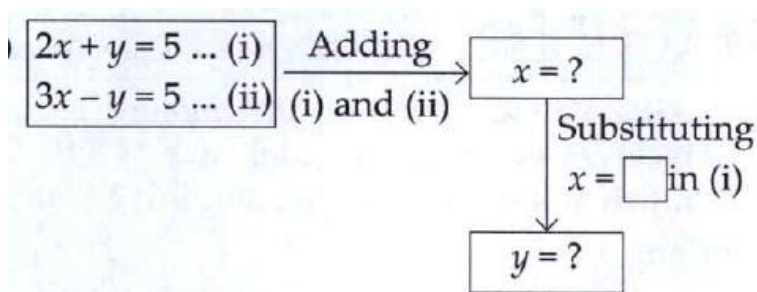


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2. A share is sold for the market value of Rs 1000. Brokerage is paid at the rate of 0.1% .
What is the amount received after the sale ?

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3.



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4. Smt.Desai sold shares of face value ₹100 when the market value was ₹50 and received ₹4988.20. She paid brokerage 0.2% and GST on brokerage 18%, then how many shares did she sell?



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5. Mr.D'souza purchased 200 shares of FV ₹50 at a premium of ₹100. He received 50% dividend on the shares. After receiving the

dividend he sold 100 shares at a discount of ₹10 and remaining shares were sold at a premium of ₹75. For each trade he paid the brokerage of ₹20. Find gain or loss value of Mr. D'souza.



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Problem Set 4 A Write The Correct Alternative

1. Rate of GST (%) on essential commodities is....a)0 b)5 c)12 d)28

A. 5 %

B. 12 %

C. 0 %

D. 18 %

Answer: C



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2. The tax levied by the central government for trading within state is.....a)IGST b)CGST c)SGST
d)UTGST

A. IGST

B. CGST

C. SGST

D. UTGST

Answer: B



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3. GST system was introduced in our country from.....a)31st March 2017 b)1st April 2017
c)1st January 2017 d)1st July 2017

A. 31st March 2017

B. 1st April 2017

C. 1st January 2017

D. 1st July 2017

Answer: D



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4. Write the correct alternative for each of the following:

The rate of GST on stainless steel utensils is 18% , then the rate of state GST is...

A. 18 %

B. 9 %

C. 36 %

D. 0.9 %

Answer: B



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5. In the format of GSTIN there arealpha-numerals. a)10 b)16 c)9 d)15

A. 15

B. 10

C. 16

D. 9

Answer: A



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Problem Set 4 A

1. When a registered dealer sells goods to another registered dealer under GST, then this trading is termed as

A. BB

B. B2B

C. BC

D. B2C

Answer: B



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2. A dealer gives 10% discount on a show piece of ₹25,000. GST of 28% was charged on the discounted price. Find the total amount shown in the tax invoice. What is the amount of CGST and SGST?



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3. A ready made garment shopkeeper gives 5% discount on the dress of ₹1000 and charges 5% GST on the remaining amount, then what is the purchase price of the dress for the customer?



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is the purchase price of the dress for the customer?



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5. Smt. Malhotra purchased solar panels for the taxable value of ₹85,000. She sold them for ₹90,000. The rate of GST is 5%. Find the ITC of Smt. Malhotra. What is the amount of GST payable by her?



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6. A company provided Z-security services for the taxable value of ₹64,500. Rate of GST is 18%. Company had paid GST of ₹1550 for laundry services and uniforms etc. What is the amount of ITC (Input Tax Credit)? Find the amount of CGST and SGST payable by the company.



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7. A dealer supplies walky-Talky set of ₹84,000(with GST) to police control room.

Rate of GST is 12%. Find the amount of state and central GST charged by the dealer. Also find the taxable value of the set.



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8. Rate of GST (%) on essential commodities is....a)0 b)5 c)12 d)28



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9. Anna Patil (Thane, Maharashtra) supplied vacuum cleaner to a shopkeeper in Vasai (Mumbai, Maharashtra) for the taxable value of ₹14,000 and GST rate of 28%. Shopkeeper sold it to the customer at the same GST rate of ₹16,800 (taxable value). Find the following-

(1) Amount of CGST and SGST shown in the tax invoice issued by Anna Patil. (2) Amount of CGST and SGST charged by the shopkeeper in Vasai. (3) What is the CGST and SGST payable by shopkeeper in Vasai at the time of filing the return?



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10. Anna Patil (Thane, Maharashtra) supplied vacuum cleaner to a shopkeeper in Vasai (Mumbai, Maharashtra) for the taxable value of ₹14,000 and GST rate of 28%. Shopkeeper sold it to the customer at the same GST rate of ₹16,800 (taxable value). Find the following-
(1) Amount of CGST and SGST shown in the tax invoice issued by Anna Patil. (2) Amount of CGST and SGST charged by the shopkeeper in Vasai. (3) What is the CGST and SGST payable

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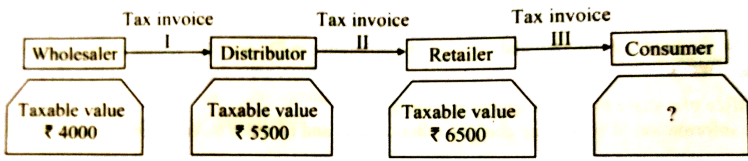
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12. For the given trading prepare the tax invoice I, II, III. GST at the rate of 5% was charged for the article supplied



(a) Prepare the statement of GST payable under each head by the wholesaler, distributor and retailer at the time of filling the return to the government.

(b) What is the amount paid by the consumer.



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13. Match the pairs:

Column A	Column B
(1) Diamond	(a) 1.5
(2) Air	(b) 2.42
(3) Alcohol	(c) 1.77
(4) Benzene	(d) 1.36
	(e) 1.0003



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14. Match the pairs:

Column A	Column B
(1) Diamond	(a) 1.5
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(3) Alcohol	(c) 1.77
(4) Benzene	(d) 1.36
	(e) 1.0003



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Problem Set 4 B Write The Correct Alternative

1. Which of the following statements is correct?

A. The share is at premium of Rs 175

B. The share is at discount of Rs 25

C. The share is at premium of Rs 25

D. The share is at discount of Rs 75

Answer: B



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2. What is the amount of dividend received per share of face value ₹10 and dividend declared is 50%

A. Rs 50

B. Rs 5

C. Rs 500

D. Rs 100

Answer: B



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3. The NAV of a unit in mutual fund scheme is ₹10.65 then find the amount required to buy 500 such units.

A. 5325

B. 5235

C. 532500

D. 53250

Answer: A



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4. Rate of GST on brokerage is

A. 5 %

B. 12 %

C. 18 %

D. 28 %

Answer: C



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5. To find the cost of one share at the time of buying the amount of brokerage and GST is to bethe MV of share.

A. added to

B. subtracted from

C. Multiplied with

D. divided by

Answer: A



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Problem Set 4 B

1. Find the purchase price of a share of FV ₹100 if it is at premium of ₹30. The brokerage rate is 0.3%.



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2. Prashant bought 50 shares of FV ₹100 having MV ₹180. Company gave 40% dividend on the shares. Find the rate of return on investment.



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3. Find the amount received when 300 shares of FV ₹100, were sold at a discount of ₹30.



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4. Find the number of shares received when ₹60, 000 was invested in the shares of FV ₹100 and MV ₹120.



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5. Smt. Agarwal invested ₹10,200 when MV of the share is ₹100. She sold 60 shares when the MV was ₹125 and sold remaining shares when the MV was ₹90. She paid 0.1% brokerage for each trading. Find whether she made profit or loss? And how much?



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6. Market value of shares and dividend declared by the two companies is given below. Face value is same and it is 100 for both the

shares. Investment in which company is more profitable?

a. Company A -160, 15%

b. Company B -225, 20%



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7. Market value of shares and dividend declared by the two companies is given below.

Face value is same and it is 100 for both the shares. Investment in which company is more profitable?

a. Company A -160, 15%

b. Company B -225, 20%



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8. Rate of GST on brokerage is



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9. Shri.Batliwala sold shares of ₹30,350 and purchased shares of ₹69,650 in a day.He paid brokerage at the rate of 0.1% on sale and

purchase.18% GST was charged on brokerage.Find his total expenditure on brokerage and tax.



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10. Smt. Aruna Thakkar purchased 100 shares of FV 100 when the MV is 1200. She paid brokerage at the rate of 0.3% and 18% GST on brokerage. Find the following -

(i) Net amount paid for 100 shares.

(ii) Brokerage paid on sum invested.

(iii) GST paid on brokerage.

(iv) Total amount paid for 100 shares.



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(i) Net amount paid for 100 shares.

(ii) Brokerage paid on sum invested.

(iii) GST paid on brokerage.

(iv) Total amount paid for 100 shares.



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14. Smt Anagha Doshi purchased 22 shares of FV Rs 100 for market value Of Rs 660. Find the sum invested . After receiving 20% dividend , she sold sll the shares when market value was Rs 650. She paid 0.1% brokerage for each trading done. Find the per cent of profit or

loss in the share trading .(Write your answer to the nearest integer.)



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