



# MATHS

## BOOKS - UPKAR PUBLICATION

### STOCK AND SHARES

#### Question Bank

1. What is the annual income derived from rs.  
1800 5 % stock at 104?



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2. How much  $(4)\frac{1}{2}\%$  stock at 95 can be purchased by investing rs 1905 (brokerage  $\frac{1}{4}\%$ )



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3. Find the cash realized by selling rs 2400  $(5)\frac{1}{2}\%$  stock at 5 premium (brokerage  $(\frac{1}{4}\%$ )



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4. Find the cash required to purchase Rs 1600 ,  
 $(8)\frac{1}{2}\%$  stock at 105 . ( Brokerage  $1\frac{1}{2}\%$  )



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5. Find the cost of

Rs 9100  $(8)\frac{3}{4}\%$  stock at 92.



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6. Find the cost of

Rs 8500  $(9\frac{1}{2}\%$  stock at 6 premium



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7. Find the cost of

Rs 7200 10% stock at 7 discount..



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**8.** Find the cost of

Rs 6400, 8 % stock at per( brokerage  $\frac{1}{8}$  % ) ?



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**9.** Find the cost of 96 shares of Rs 10 each at  
3/4 discount: brokerage being 1/4 per share



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**10.** Find the income derived from 44 shares of rs 25 each at 5 premium (brokerage  $\frac{1}{4}$  per share) the rate of dividend being 5 % . Also find the rate of interest on the investement.



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**11.** A man invest in  $(4)\frac{1}{2}\%$  stock at 96. the interest obtained by him is

A. 4 %

B. 4.5 %

C. 4.69 %

D.  $\frac{1}{2}$  %

**Answer: C**



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**12.** By investing rs 1100 in a  $(5)\frac{1}{2}$  % stock one earns rs 77. the stock is then quoted at

A. Rs 93

B. Rs 107

C. RS  $(78)\frac{4}{7}$

D. Rs  $(97)\frac{3}{4}$

**Answer: C**



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**13.** To produce an annual income of rs 500 in a 4 % stock at 90. the amount of stock needed is

A. Rs 11250



B. Rs 12500

C. Rs 18000

D. Rs 20000

**Answer: B**



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**14.** Rs. 2780 are invested partly in 4% stock at 75 and 5% stock at 80 to have equal amount of incomes. The investment in 5% stock is

A. Rs 1500

B. Rs 1280

C. Rs 1434.84

D. Rs 1640

**Answer: B**



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**15.** A 4 % stock yields 5 % . The market value of the stock is

A. Rs 125

B. Rs 80

C. Rs 99

D. Rs 109

**Answer: B**



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**16.** By investing in a 6 % stock at 96 an income of Rs. 100 is obtained by making an investment of

A. Rs 1600

B. Rs 1504

C. Rs 1666.66

D. RS 5760

**Answer: A**



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17. The cash realized by selling a  $(5)\frac{1}{2}\%$  stock at  $106\frac{1}{4}$ . brokerage being  $\frac{1}{4}\%$  is

A. Rs  $(105)\frac{1}{2}$

B. Rs  $(106)\frac{1}{2}$

C. Rs 106

D. none of these

**Answer: C**



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**18.** The income derived from  $(5)\frac{1}{2}\%$  stock at 95 is

A. Rs 5.50

B. Rs 5

C. Rs 5.28

D. none of these

**Answer: A**



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**19.** The cost price of a Rs 100 stock at 4 discount, when brokerage is  $\frac{1}{4}\%$  is (a) Rs 95.75 (b) Rs 96 (c) Rs 96.25 (d) Rs 104.25

A. Rs 96

B. Rs  $(96 + \frac{1}{4})$

C. Rs  $(96 - \frac{1}{4})$

D. Rs 100

**Answer: B**



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**20.** A man invested Rs.4455 in Rs. 10 shares quoted at Rs 8.25 if the rate of dividend be 6 % his annual income is

A. Rs 267.30

B. Rs 327.80

C. Rs 324

D. Rs 103.70

**Answer: C**



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**21.** A man bought 20 shares of Rs. 50 at 5 discount the rate of dividend being  $(4)\frac{3}{4}\%$ . the rate of invest obtained is



A.  $(4) \frac{3}{4} \%$

B.  $(3) \frac{1}{4} \%$

C.  $5.28 \%$

D.  $4.95 \%$

**Answer: C**



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**22.** Aman buys Rs 20 shares paying 9% dividend. The man wants to have an interest of

12 % on his money. The market value of each share must be

A. RS 12

B. Rs 15

C. Rs 18

D. Rs 21

**Answer: B**



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23. By investing in  $(3)\frac{3}{4}\%$  stock at 96 one earn Rs 100. The investment made is

A. Rs 36000

B. RS 3600

C. Rs 2560

D. Rs 4800

**Answer: C**



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24. A man invested RS 388 In a stock at 97 to obtain an income of Rs 22. the dividend from the stock is

A. 12 %

B. 3 %

C.  $(5)\frac{1}{2}$  %

D. 22.68 %

**Answer: C**



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25. Which is better investment 4 % stock per rupee with an income tax at the rate of 5 paise per rupee or  $(4)\frac{1}{2}$  % stock at 110 free from income tax?

A. 4 % at par with income tax

B.  $(9)\frac{1}{2}$  % at 110

C. 5 %

D. 25 %

**Answer: B**



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**26.** A man invest some money party in 3% stock at 96 and party in 4% stock at 120. to get equal dividends from both he must invest the money in the ratio.

A. 16: 15

B. 3: 4

C. 4: 5

D. 3: 5

**Answer: A**



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27. Which id the better stock 5 % at 143 or  $(3)\frac{1}{2}$  % at 93.

A. 5 % at 143

B.  $(3)\frac{1}{2}$  % at 93

C. both are equally good

D. none of these

**Answer: B**



28. I want to purchase a 6 % stock which must yield 5 % on my capital . At what price must I buy the stock?

A. Rs 111

B. Rs 101

C. RS 83.33

D. Rs 120

**Answer: D**







29. A invested some money in 4% stock at 96. now B want to invest in an equally goods 5% stock. B must purchase a stock worth of

A. Rs 120

B. Rs 124

C. Rs 76.80

D. Rs 80

**Answer: A**



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**30.** How much stock at 105 can be purchased of Rs. 1433.25?

A. Rs 1365

B. Rs 1635

C. Rs 1355

D. none of these

**Answer: A**



31. Find the cost of Rs. 12600 railway stock at  $(150)\frac{1}{2}$  (dividend  $(5)\frac{1}{2}\%$ )

A. Rs 18963

B. Rs 19863

C. Rs 18933

D. none of these

**Answer: A**



**32.** How much stock can be purchased for Rs.  
7350 at 105

A. Rs 7500

B. Rs 7000

C. Rs 7200

D. Rs 6800

**Answer: B**



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**33.** How much stock can be purchased for Rs. 794.50 at 112.5 ?

A. Rs 650

B. Rs 485

C. Rs 706

D. Rs 7000

**Answer: D**



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**34.** How much must I pay for Rs. 1365 stock at 104 ? (brokerage 1 % )

A. Rs 1433.50

B. Rs 1344.25

C. Rs 1433.25

D. none of these

**Answer: C**



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**35.** Find the cost of Rs. 15000  $(5)\frac{1}{2}\%$  stock at 99 (brokerage at 1 % )

A. Rs 15000

B. Rs 12500

C. Rs 13000

D. none of these

**Answer: A**



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36. How much  $(4)\frac{1}{2}\%$  stock at 95 can be purchased by investing rs 1905 (beokeraage  $\frac{1}{4}\%$  )

A. Rs 2000

B. Rs 2500

C. Rs 2200

D. Rs 2350

**Answer: A**



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**37.** What income will be derived from Rs 3275 of 11 % stock?

A. Rs 360.50

B. Rs 350.25

C. Rs 360.25

D. none of these

**Answer: C**



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**38.** What income will be derived investing Rs. 3000 in  $(9\frac{1}{2})$  percent stock at per

A. Rs 285

B. Rs 825

C. Rs 385

D. none of these

**Answer: A**



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**39.** What annual income will be derived by investing rs. 1547 in 13 percent railway stock at 119?

A. Rs 189

B. Rs 179

C. Rs 169

D. Rs 159

**Answer: C**



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**40.** Find what sum of money 1 must invest in a 10 percent stock at 102 to obtain an income of RS 400 per year

A. Rs 4800

B. Rs 8040

C. Rs 4080

D. Rs 8400

**Answer: C**



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**41.** What income will be derived by investing rs 1900 in 8 percent stock at 5 discount?

A. Rs 160

B. Rs 150

C. Rs 100

D. Rs 180

**Answer: A**



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42. What rate of interest is obtained from investing in  $(8\frac{1}{2})$  percent stock when the quoted price is 6.5 percent below par?

A.  $(8)\frac{1}{11}\%$

B.  $(9)\frac{1}{11}\%$

C.  $(11)\frac{1}{9}\%$

D.  $(10)\frac{1}{9}\%$

**Answer: B**



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**43.** What rate percent is obtained by investing in 7 % stock at 5 discount?

A. 7.35 %

B. 7.55 %

C. 7.05 %

D. 8 %

**Answer: A**



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**44.** What rate of interest is obtained from investing in  $(9)\frac{1}{2}$  percent at par?

A.  $(9)\frac{1}{2} \%$

B.  $(8)\frac{1}{2} \%$

C.  $(18)\frac{2}{3} \%$

D. none of these

**Answer: A**



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**45.** What rate of interest is obtained from investing in  $(9)\frac{1}{2}$  percent stock. When the quoted price is 14 percent above par?

A.  $(8)\frac{1}{3}\%$

B.  $(8)\frac{2}{3}\%$

C.  $(9)\frac{1}{3}\%$

D. data inadequate

**Answer: A**



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**46.** What rate of interest is obtained from investing in  $(12)\frac{3}{4}$  percent stock when the price is at a premium of 2 percent?

A.  $25\%$

B.  $(8)1\frac{1}{3}\%$

C.  $(12)\frac{1}{2}\%$

D.  $(11)\frac{2}{3}\%$

**Answer: C**



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**47.** What is the annual income deived from Rs 1800 5 % stock at 100?

A. RS 90

B. Rs 100

C. Rs 110

D. Rs 95

**Answer: A**



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**48.** What is the annual income by investing Rs 3000 in 6 % stock at 120?

A. Rs 150

B. Rs 100

C. Rs 200

D. Rs 250

**Answer: A**



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**49.** Find the annual income derived by investing Rs.770 in  $(4)\frac{1}{2}\%$  stock at 96?

A. Rs 56

B. Rs 46

C. Rs 39

D. Rs 36

**Answer: D**



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**50.** Find the cost of 96 shares of Rs 10 each at  $\frac{3}{4}$  discount: brokerage being  $\frac{1}{4}$  per share

A. Rs 912

B. Rs 812

C. Rs 712

D. none of these

**Answer: A**



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51. Find the income derived from 44 shares of rs 25 each at 5 premium (brokerage  $\frac{1}{4}$  per share) the rate of dividend being 5 % . Also find the rate of interest on the investement.

A. Rs 60.5 , 4.55 %

B. Rs 60.5 %

C. Rs 80.5, 5.55 %

D. none of these

**Answer: A**



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**52.** Find the purchase cost of 66 shares of RS 35 eac at 10 premium brokerage bbeing 1 % per share

A. Rs 3620

B. Rs 3360

C. Rs 3063

D. Rs 3036

**Answer: D**







**53.** What is the better investment

A 9 percent Is more profitable

B 12 percent stock at 121?

A. Ist investment is more profitable

B. II investment is more profitable

C. Both A and B are equal

D. can't say

**Answer: B**



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**54. Which Is the better investment**

A (10)  $1\frac{1}{2}\%$  stock at 90

ii 11% stock at par?

A. Ist investment is more profitable

B. II investment is more profitable

C. Both A and B are equal

D. can't say

**Answer: A**



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**55.** Which is the better investment

I  $(8)\frac{1}{4}\%$  stock at 80 or

II 9% stock at 10 discount?

A. Ist investment is more profitable

B. II investment is more profitable

C. Both A and B are equal

D. can't say

**Answer: A**



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**56.** Which is better investment

(i)  $(14)\frac{1}{4}\%$  stock at 5 below par

ii  $(15)\frac{3}{4}\%$  stock at 5 premium?

A. Ist investment is more profitable

B. II investment is more profitable

C. Both A and B are equal

D. can't say

**Answer: C**



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**57.** How much money is obtained from the sale of Rs 30000 stock at 93?

A. Rs 24750

B. Rs 37450

C. Rs 27450

D. none of these

**Answer: C**



**58.** How much money is obtained from the sale of Rs 1700 stock at  $(106)\frac{1}{4}$ ?

A. Rs 1806.25

B. Rs 1608.25

C. RS 1808.25

D. none of these

**Answer: A**



**59.** How much stock must be sold to realize Rs 7350 from a stock at 105?

A. RS 7500

B. Rs 6920

C. Rs 7000

D. Rs 6400

**Answer: C**



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**60.** How much stock must be sold to realize rs 8190 fom a stock at 118?(brokerage 1 % )

A. Rs 7100

B. Rs 7050

C. Rs 6850

D. Rs 7000

**Answer: D**



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