## Assignment1

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## ICSE 2018 Problem 5(b)

Given

Total investment =  $\mathbf{7}22,500$ .

The value of each share = ₹50

Discount on each share = 10%

$$= \frac{10}{100} \times 50$$
$$-5$$

- ∴ discount = ₹5 on each share
- ∴The Market price of each share = value of each share discount = ₹50 ₹5 = ₹45
  - 1. Total number of shares purchased =

Total Investment

M.P of each share

$$=\frac{22500}{45}$$

$$=500$$

.:.On total 500 shares were purchased.

2. Given

Dividend paid by the company = 12%

Dividend on each share = 12% of share value

$$=\frac{12}{100}\times 50$$

$$=$$

∴ Dividend on each share = ₹6

Total dividend = Dividend on each share  $\times$  Total no.of shares

$$= 6 \times 500 = 3000.$$

- ∴ Total dividend paid by the company = ₹3000.
- 3. Rate of return he gets on investment =

$$\frac{\text{Total dividend}}{\text{Total investment}} \times 100$$

$$= \frac{3000}{22500} \times 100$$
$$= 13.33\%$$
$$\approx 13\%$$

... He gets 13% return on his investment.