QUESTION 1: The balance sheet of Alpha Numeric Company is given below:

| LIABILITIES | AMOUNT | ASSETS | AMOUNT |
| :---: | :--- | :--- | :--- |
| Equity capital ( Rs. 10 per share | 90000 |  | 225000 |
| Retained earnings | 30000 |  |  |
| $10 \%$ debt | 120000 |  | 75000 |
| Current Liabilities | 60000 | Current Assets |  |
| Total |  | SUM(C6:C9) | Total |

The company's tol
You are required to: Calculate the different type of leverages for the company and EPS.


| QUESTION 2 |
| :--- |
| The following data is available for XYZ Ltd. |
| Particulars Amount (Rs.) <br> Sales 200000 <br> Variable Cost  <br> $(30 \%)$  |
| Contribution |
| Fixed Cost | 1140000

## Find Out:

(i) By what percentage will the EPS increases if EBIT increases by $6 \%$
(ii) By what percentage will EBIT increase if there is $10 \%$ increase in sales
(iii) By what percentage will EPS increase if the sale increase by $8 \%$
SOLUTION

| OPERATING LEVERAGE | CONTRIBUTION/EBIT | \%change in operating profit/\%change in sales | $=$ B38/B40 | 3.5 |
| :---: | :---: | :---: | :---: | :--- | :--- |
| FINANCIAL LEVERAGE | EBIT/EBT | \%change in EPS/ \%change in EBIT | $=$ B40/B42 | 1.14285714288 |
| COMBINED LEVERAGE | CONTRIBUTION/EBT | \%change in EPS/ \%change in sales | $=$ B38/B42 | 4 |



QUESTION 3:
From the following information available for 4 firms, calculate the EBIT, the EPS, the Operating leverage and the Financial leverage:

| PARTICULARS | FIRM P | FIRM Q | FIRM R | FIRM S |
| :--- | :--- | :--- | :--- | :--- |
| Sales (in units) | 20000 | 25000 | 30000 | 40000 |
| S.P. per unit (in Rs.) | 15 | 20 | 25 | 30 |
| Variable cost per unit (in Rs.) | 10 | 15 | 20 | 25 |
| Fixed Cost (in Rs.) | 15000 | 40000 | 50000 | 60000 |
| Interest (in Rs.) | 30000 | 25000 | 35000 | 40000 |
| Tax (\%) | 30 | 30 | 30 | 30 |
| Number of equity shares | 5000 | 9000 | 10000 | 12000 |

[^0]
[^0]:    SOLUTION
    Try it yourself

