

## Set 3

- Q.1] A] a] Office Overheads  
 b] Variable Cost  
 c] Financial  
 d] Credit  
 e] Normal  
 j] Selling & Distribution.
- F] Standard  
 g] Decrease  
 h] ₹ 50000  
 i] Raw materials consumed.

B] True :- a, b, c, e, f,

False :- d, g, h, i, j

Q.2] Cost sheet for the year 2017

Particulars	2017 Total ₹	2018 Total ₹
Materials	12,00,000	32,000
(+) Wages	8,00,000	20,000
<b>PRIME COST</b>	20,00,000	52,000
(+) Factory overheads	6,00,000	18,000
<b>FACTORY COST</b>	26,00,000	70,000
(+) Admin O.H.	780,000	18,900
<b>COST OF PRODN</b>	33,80,000	88,900
(+) Selling O.H.	520,000	14,700
<b>COST OF SALES</b>	39,00,000	1,03,600
(+) Profit	11,00,000	29,221
<b>SALES</b>	50,00,000	1,32,821
	₹ 5m	10m

Q.2

(2)

B

Cost sheet for the year

Particulars	Total (₹)
Materials consumed	20,000
(+) Wages	12,000
<b>PRIME COST</b>	<b>32,000</b>
(+) Factory OH	6,000
<b>FACTORY COST</b>	<b>38,000</b>
(+) A.C.H.	5,000
<b>COST OF PRODN.</b>	<b>43,000</b>
(+) Op. sth of fgd	18,000
(-) Cl. sth of fgd	20,000
<b>C.O.G.S.</b>	<b>41,000</b>
(+) selling OH.	3,000
<b>COST OF SALES</b>	<b>44,000</b>
(+) profit	<u>25,000</u>
<b>SALES</b> <span style="border: 1px solid black; padding: 2px;">5m</span>	<u><b>69,000</b></u>

Particulars	₹
Profit Res. Stmt	
Net profit	25,000
(-) Admin 3,000	
(-) Factory 2,000	
Wages 20,000	
cl. mat 1,000	
Repairs 1,000	
Office 1,500	
of July 2,000	
(-) mat 5,000	<u>18,500</u>
cl. fg 3,000	
mach 4,000	
Divid 3,000	<u>16,000</u>
Factory 1,000	<u>15,000</u>
Production 15,000	

Profit & Loss A/c F.Y.

To Op. sth (mat)	15,000
To (fgd)	16,000
To mach	26,000
To wages	10,000
To Factory	7,000
To office	3,500
To July	1,000
To prep	1,500
To loss by sale	2,000
	<u>82,000</u>
TO NP	<u><span style="border: 1px solid black; border-radius: 50%; padding: 5px;">20,000</span></u>
	<u><u>1,02,000</u></u>

By sales	69,000
By cl. sth	
mat	13,000
Fgd	17,000
By divid. recd	3,000
	<u>92,000</u>
	<u><u>1,02,000</u></u>

<span style="border: 1px solid black; padding: 2px;">5m</span>	17,500
profit	<u>20,000</u>
apply	
P/L	

5m

Q.3 A]

(B)

a) FOH cost variance = ₹ 1500 (F)

b) FOH expdtr variance = ₹ 500 (A)

c) FOH Volume Variance = ₹ 2000 (F)

d) FOH Efficiency Variance = ₹ 1,500 (F)

e) FOH Capacity variance = ₹ 3,000 (A)

f) FOH Calendar variance = ₹ 3600 (F)

[2 1/2 marks each]

B] a) Sales Value Variance = ₹ 13500 (F)

b) Sales Price Variance = ₹ 16500 (F)

c) Sales <sup>volume</sup> ~~price~~ Variance = ₹ 3000 (A)

d) Sales mix Variance = ₹ 705.88 (A)

e) Sales <sup>sub volume</sup> ~~price~~ Variance = ₹ 2294.12 (A)

[3 marks each]

Q.4

(04)

A) Marginal Cost Statement 5m

Particulars	1st Half ₹	2nd Half ₹	Full Year ₹
Sales	600000	200000	800000
(-) V.C	300000	140000	440000
C.	300000	140000	440000
(-) FC	180000	180000	360000
P/E	120000	(40000)	80000

a) P.V. ratio 50% 50% 4mb) BEP ₹ 360000 ₹ 360000 4mc) M.O.S. ₹ 240000 2m

B)

a) P.V. ratio = 50%

b) Fixed cost = ₹ 20000 p.a.

c) BEP (₹) = ₹ 40000

d) ~~Profit~~  
Profit = ₹ 15000

e) Break sales = ₹ 60000

3m each

	2016 ₹	2017 ₹
Sales	1,20,000	2,00,000
FC		
C	60,000	1,00,000
(-) FC	<span style="border: 1px solid black; padding: 2px;">20,000</span>	<span style="border: 1px solid black; padding: 2px;">20,000</span>
Profit	<u>40,000</u>	<u>80,000</u>