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**PG-010-001602**

Seat No. \_\_\_\_\_

**B. B. A. (Sem. VI) (CBCS) Examination**

**July - 2018**

**602 : Management Accounting - 02**

*(New Course)*

**Faculty Code : 010**

**Subject Code : 001602**

Time :  $2\frac{1}{2}$  Hours]

[Total Marks : 70

- Instructions :** (1) All questions indicate **right** figures full marks of the question.  
(2) Working notes shall be treated as a part of the answer.  
(3) Calculation should be neat and clean.

- 1 From the Balance Sheet of Jaykant Ltd. as on 31-3-2012 14 and 31-3-2013 and other additional information given to you prepare :
- (a) Statement showing changes in working capital
  - (b) Other necessary accounts
  - (c) Adjusted Profit and Loss A/c.
  - (d) Funds flow statement.

<i>Liabilities</i>	<i>31-3-12</i> <i>Rs.</i>	<i>31-3-13</i> <i>Rs.</i>	<i>Assets</i>	<i>31-3-12</i> <i>Rs.</i>	<i>31-3-13</i> <i>Rs.</i>
Equity share capital of Rs. 10 each	1,00,000	1,50,000	Goodwill	30,000	28,000
General Reserve	60,000	20,000	Building	60,000	1,00,000
P & L A/c.	10,000	12,000	Machinery	40,000	95,000
10% Debentures	-	50,000	Investments	15,000	12,000
Creditors	25,000	31,000	Stock	16,000	25,000
Bills payable	20,000	20,000	Debtors	49,000	21,000
Provision for tax	15,000	17,000	Bank balance	12,000	13,000
			Preliminary expenses	8,000	6,000
	<b>2,30,000</b>	<b>3,00,000</b>		<b>2,30,000</b>	<b>3,00,000</b>

**Additional Information :**

- (1) On 1-4-2012 company has given bonus shares from General Reserve. One bonus share is given against two equity shares.
- (2) Taxation paid during the year was Rs. 14,000 and interim dividend of Rs. 8,000 was also paid.
- (3) Depreciation charged on building is Rs. 6,000 and on machinery is Rs. 4,000.
- (4) A machine having book value of Rs. 10,000 was sold with profit. This profit was credited to Capital Reserve A/c.
- (5) During the year debentures were issued at 5% discount.
- (6) Investment of Rs. 5,000 were sold at 20% profit.
- (7) Closing stock of 31-3-2012 was shown at price which is 20% less than cost price. Closing stock of 31-3-2013 is shown at cost price. You have to consider original cost price of stock of 31-3-2012.
- (8) Goodwill was written off against Capital Reserve.

**OR**

- 1 Following are the Balance Sheet of Mahandra Ltd. for the year 31-3-2013 and 31-3-2014 : 14

<i>Liabilities</i>	<i>31-3-13</i> <i>Rs.</i>	<i>31-3-14</i> <i>Rs.</i>	<i>Assets</i>	<i>31-3-13</i> <i>Rs.</i>	<i>31-3-14</i> <i>Rs.</i>
Equity share capital of Rs. 10 each fully paid up	3,00,000	5,00,000	Goodwill	1,00,000	80,000
General Reserve	1,50,000	1,00,000	Machinery	3,50,000	4,50,000
P & L A/c.	1,48,000	1,38,000	L & B	3,00,000	2,70,000
9% Debentures	1,00,000	1,40,000	Investment	80,000	75,000
Creditors	80,000	60,000	Stock	40,000	80,000
Bills payable	75,000	95,000	Cash balance	-	40,000
Unpaid expenses	10,000	5,000	Debtors	75,000	90,000
Provision for taxation	60,000	80,000	B/R	15,000	20,000
B.O.D.	55,000	-	Preliminary expenses	18,000	12,000
	<b>9,78,000</b>	<b>11,18,000</b>	Debenture discount	-	1,000
				<b>9,78,000</b>	<b>11,18,000</b>

**Additional Information :**

- (1) On 1-4-2013 company has given bonus shares in ratio of one bonus share against three equity shares hold. Provision for this, is done from General Reserve.
- (2) During the year, tax and dividend were paid Rs. 55,000 and Rs. 54,000 respectively.
- (3) New debentures were issued at 5% discount during the year.
- (4) Investment of Rs. 20,000 cost, was sold at such price so as to realise 20% discount profit on selling price.
- (5) Depreciation written off during the year :
  - On Machinery ..... Rs. 35,000
  - On Land and building ..... Rs. 30,000
- (6) Machinery having book value of Rs. 50,000 was sold at 20% loss during the year.

From above mentioned particulars, prepare :

- (a) Statement showing changes in Working Capital.
- (b) Necessary Accounts.
- (c) Funds Flow statements.

2 Balance Sheet of Varshil Ltd. for 31-3-2014 and 2015 14  
are as under :

<i>Liabilities</i>	<i>31-3-15</i> <i>Rs.</i>	<i>31-3-14</i> <i>Rs.</i>	<i>Assets</i>	<i>31-3-15</i> <i>Rs.</i>	<i>31-3-14</i> <i>Rs.</i>
Equity share capital	6,00,000	4,00,000	Land and Building	4,00,000	1,75,000
Share premium	32,000	21,000	Machinery	3,55,000	2,81,000
General Reserve	35,000	75,000	Patent	48,000	56,000
P & L A/c.	1,00,500	52,500	Furniture	28,350	31,500
12% Debentures	2,10,000	1,10,000	Debtors	1,50,000	1,00,000
Creditors	84,000	63,000	Stock	80,000	1,00,000
Provision for tax	35,000	55,000	Cash	32,650	30,500
			Deb. Discount	2,500	2,500
	<b>10,96,500</b>	<b>7,76,500</b>		<b>10,96,500</b>	<b>7,76,500</b>

**Other Information :**

- (1) Depreciation written off on L and B Rs. 17,500, On Machinery Rs. 56,200, Patent Rs. 8,000 and Furniture Rs. 3,150.
- (2) Machinery Rs. 81,000 was sold at Rs. 70,000 during the year.
- (3) During the year 31,000 were paid for tax and Rs. 42,000 for dividend.
- (4) During the year, company has given bonus share in ratio of one bonus share to holder of four equity shares from General Reserve. New equity shares were issued at 11% premium.
- (5) Debentures were issued at 3% discount.

From above mentioned information, prepare Cash Flow statement as per Accounting Standard No. 3. You are required to show all calculations as part of the answer.

**OR**

**2** The following are the Balance Sheet of Tata Ltd. : **14**

<i>Liabilities</i>	<i>2012</i> <i>Rs.</i>	<i>2013</i> <i>Rs.</i>	<i>Assets</i>	<i>2012</i> <i>Rs.</i>	<i>2013</i> <i>Rs.</i>
Paid-up share capital :			Machinery	8,60,000	10,80,000
Equity shares of			Investment	1,50,000	1,65,000
Rs.10 fully paid-up	4,50,000	7,50,000	Stock	70,000	60,000
General Reserve	3,50,000	3,00,000	Debtors	1,60,000	1,80,000
P & L A/c.	1,80,000	1,36,000	Cash and		
10% Debentures	1,00,000	50,000	Bank	13,500	22,200
Creditors	78,000	1,26,000	Prepaid		
O/s expenses	2,000	3,000	expenses	1,500	2,800
Provision for					
taxation	50,000	70,000			
Proposed					
dividend	45,000	75,000			
	<b>12,55,000</b>	<b>15,10,000</b>		<b>12,55,000</b>	<b>15,10,000</b>

***Additional Information :***

- (1) Investments worth Rs. 60,000 were sold for Rs. 50,000. Depreciation on machinery was Rs. 2,20,000.
- (2) Company has issued Bonus Shares to equity shareholders by capitalising required sum from General Reserve in the Proportion of 3 : 1.
- (3) Issued new equity shares at the face value, as right shares, on the enhanced capital by issue of Bonus shares, in the ratio 4 : 1.
- (4) Rs. 45,000 had paid as tax for the last year and dividend is also paid for the year 2012.

Prepare Cash Flow Statement. All your calculations necessary for this are to be shown as part of your answer.

- 3 The Balance Sheet of Tata Ltd. as on 31-3-2018 was 14  
as under :

***Balance Sheet***

<b><i>Liabilities</i></b>	<b><i>Rs.</i></b>	<b><i>Assets</i></b>	<b><i>Rs.</i></b>
2500 Equity shares of Rs. 100 each (fully paid)	2,50,000	Fixed assets	4,00,000
3500 Pref. shares of Rs. 100 each (fully paid)	3,50,000	Shares of subsidiary company	79,600
Share premium	50,000	Dues from subsidiary company	1,00,000
P & L A/c.	2,63,100	Investment in Govt. securities	1,70,000
Dividend equili. fund	1,45,000	Stock	1,92,000
6% Debentures	70,000	Debtors	3,80,000
Long term loan	67,000	Bank balance	40,000
Creditors	80,000	Preliminary expenses	4,000
Unclaimed dividend	2,500		
Proposed dividend	40,000		
Bills payable	48,000		
	<b><i>13,65,600</i></b>		<b><i>13,65,600</i></b>

***Additional Information :***

- (1) Interest on long term loan for Rs. 11,500 is deducted while computing current year's profit.
- (2) Valuer valued replacement cost of fixed assets at Rs. 4,63,500.
- (3) Loss of machine sold of Rs. 11,500 debited to Profit and Loss A/c.
- (4) Value of shares of subsidiary company is at present Rs. 78,000.
- (5) Investment in Govt. Securities valued at Rs. 1,78,000.
- (6) Profit before tax is Rs. 3,20,000.
- (7) Stock of Rs. 1,000 is discarded because of its obsolescence and it is to be written off every year.
- (8) Profit of Rs. 29,000 made on last year's sales included in current year's profit.
- (9) Additional depreciation on fixed assets because of replacement cost value is to be written off for Rs. 11,400.

Find out :

- (a) Total Capital Employed
- (b) Return rate on total Capital Employed
- (c) Total Net Capital Employed
- (d) Rate of return on net Capital Employed.

**OR**

**3** Find out the following of the Shyam Ltd. : **14**

- (a) ROI on total capital employed.
- (b) ROI on owner's capital employed.

Sale 20000 units @ Rs. 320 per unit.

Cost per unit :

Material Rs. 240,

Direct labour Rs. 12,

Variable overheads Rs. 36,

Fixed overheads Rs. 12

Working capital is 15% of sale. Fixed assets Rs. 10,40,000,

Creditors (long-term) Rs. 5,00,000.

Interest on long-term loan is @ 15% p.a. and taxation rate is 50%.

4 Describe the Process of ALM. 14

**OR**

4 Discuss the meaning, definition and significance of ALM. 14

5 Write note on "Types of Responsibility Centres". 14

**OR**

5 Write short note on 'Responsibility Accounting'. 14

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