# VI Semester B.Com. Examinàtion, September/October 2022 (CBCS) (2016-17 and Onwards) (Fresh + Repeaters) COMMERCE <br> <br> Paper - 6.4 : Management Accounting 

 <br> <br> Paper - 6.4 : Management Accounting}

Time : 3 Hours
Max. Marks : 70
Instruction : Answer should be written completely either in English or in Kannada.

SECTION - A
ఎిభాగె- ఎ
Answer any five sub-questions. Each sub-question carries 2 marks.
$(5 \times 2=10)$


1. a) What do you mean by Management Accounting?

నిఎFळణా లోచ్పలాస్త్ర్ర ఎందరెఁను ?
b) State any four functions of Management Accounting.

c) What is common size statement?

సШూనగాత్ర, జెట్టి ఎందరాలను ?
d) What is fund flow statement?

నిధి జృలనా யీట్టి ఎందరైను ?
e) Gross profit ratio is $30 \%$, gross profit is ₹ $8,00,000$. Calculate the cost of goods sold.

f) Given current ratio is 3.5 , working capital is ₹ $4,00,000$. Calculate the amount of current assets and current liabilities.
 బాల్తి జదాబ్దారిగత్ను చండుఃిఱియిరి.
g) Write any four components of current assets.

బలల్తి ఆస్తియి నాల్పు అంపగళస్ను బరాయిరి.

# SECTION - B 

ఎభాగ- బి

Answer any three of the following questions. Each question carries 6 marks. ( $3 \times 6=18$ )

2. Briefly explain the objective of Management Accounting.

3. Given gross profit $₹ 3,20,000$, Net profit $₹ 1,92,000$, Gross sales $₹ 16,56,000$, Sales returns ₹ 56,000 , Opening stock ₹ $3,60,000$ and Closing stock $₹ 2,80,000$. Calculate :
i) Gross profit ratio
ii) Net profit ratio
iii) Cost of goods sold
iv) Stock turnover ratio.


ముట్తు అంఆిము దాస్తలగు ₹ $2,80,000$.

i) ఒట్ట్లు లాభీ అసుజై



4. Calculate trend percentages from the following figures of Ramya Enterprises taking 2018-19 as base.

$$
\text { 2018-19 2019-20 } 2020-21 \quad 2021-22
$$

|  | ₹ | ₹ | ₹ | ₹ |
| :---: | :---: | :---: | :---: | :---: |
| Net sales | 4,00,000 | 3,60,000 | 4,80,000 | 6,00,000 |
| Less: Cost of goods sold | 2,40,000 | 2,40,000 | 2,80,000 | 3,20,000 |
| Gross profit | 1,60,000 | 1,20,000 | 2,00,000 | 2,80,000 |
| Less: Operating expenses | 40,000 | 40,000 | 60,000 | 80,000 |
| Net operating profit | 1,20,000 | 80,000 | 1,40,000 | 2,00,000 |
| Less: Income tax | 60,000 | 40,000 | 70,000 | 1,00,000 |
| Profit after tax | 60,000 | 40,000 | 70,000 | 1,00,000 |
|  <br>  |  |  |  |  |
|  | 2018-19 | 2019-20 | 2020-21 | 2021-22 |
|  | ₹ | ₹ | ₹ | ₹ |
| పిశ్యుగళు | 4,00,000 | 3,60,000 | 4,80,000 | 6,00,000 |
|  | 2,40,000 | 2,40,000 | 2,80,000 | 3,20,000 |
| \#ూల ల లాభ | 1,60,000 | 1,20,000 | 2,00,000 | 2,80,000 |
|  | 40,000 | 40,000 | 60,000 | 80,000 |
| నివ్ట్ర చృయీఇひురణియ లృభ | 1,20,000 | 80,000 | 1,40,000 | 2,00,000 |
| (-) ఐరమూన తెరిగి | 60,000 | 40,000 | 70,000 | 1,00,000 |
| కెరిగియి నంకెరద లాభ | 60,000 | 40,000 | 70,000 | 1,00,000 |

5．Prepare schedule of changes in working capital．

| Particulars | 31－3－2021 | 31－3－2022 |
| :---: | :---: | :---: |
|  | ₹ | ₹ |
| Bank overdraft | 64，000 | － |
| Creditors | 3，20，000 | 3，60，000 |
| Bills payable | 40，000 | 64，000 |
| Outstanding expenses | 12，000 | 20，000 |
| Stock | 1，20，000 | 2，40，000 |
| Debtors | 1，60，000 | 3，20，000 |
| Bills receivable | 40，000 | 25，000 |
| Cash in hand | 25，000 | 65，000 |
| Cash at bank | － | 75，000 |
| Prepaid expenses <br> ஆ శేళిగిన దిపరెగళింద ซృయ | 16,000 | 24，000 |
| ఎఎపరగటు | 31－3－2021 | 31－3－2022 |
|  | ₹ | ₹ |
| బ్యృంరే మిలరెళెత | 64，000 | － |
| ధనిగహు | 3，20，000 | 3，60，000 |
| 山ుజకి ముంఱnగు | 40，000 | 64，000 |
| బలళ్ ఇరుబె బె飞్చేగతు | 12，000 | 20，000 |
| దృన్తెను | 1，20，000 | 2，40，000 |
| య゙ణొగెళు | 1，60，000 | 3，20，000 |
| స్టిలృత రి ముఱిగటు | 40，000 | 25，000 |
| నగదు | 25，000 | 65，000 |
| బ్యాంళెనల్లిన నగదు | － | 75，000 |
|  | 16，000 | 24，000 |

6. From the following you are required to find out cash generated from operation under indirect method.

| Particulars | 31-3-2021 | 31-3-2022 |
| :--- | :---: | :---: |
|  | $₹$ | $₹$ |
| Debtors C.A | $2,80,000$ | $2,10,000$ |
| Creditors | $1,50,000$ | $1,90,000$ |
| Stock CA | $1,90,000$ | $2,20,000$ |
| Bills receivable C. | 90,000 | $1,10,000$ |
| Bills payable | 60,000 | 20,000 |

a) The Balance of Profit and Loss Account on 31-3-2021 ₹ 3,50,000 and on 31-3-2022 ₹ 5,90,000.
b) Preliminary expenses written off $₹ 15,000$.
c) Depreciation on plant ₹ 42,000 .


| ఎపరగษు | 31-3-2021 | 31-3-2022 |
| :---: | :---: | :---: |
|  | ₹ | ₹ |
| యణశగళు | 2,80,000 | 2,10,000 |
| पినగ\% | 1,50,000 | 1,90,000 |
| దలన్రెను | 1,90,000 | 2,20,000 |
| బరబిఁరాడ ఱుంఱిగళు | 90,000 | 1,10,000 |
| జొడబాలాద్రుంఱిగ\%ు | 60,000 | 20,000 |

a) లృభ ముత్తు జేఙ్కే ఖూతేయ లృభ 31-3-2021 రందు ₹ 3,50,000 山ుత్తు 31-3-2022 రందు ₹ $5,90,000$.

c) యుంత, గళ మేలలిన సపపళ్ ₹ 42,000 .

$$
\begin{gathered}
\text { SECTION - C } \\
\text { دభァN'- } 2
\end{gathered}
$$

Answer any three of the following questions. Each question carries 14 marks. ( $3 \times 14=42$ )

7. Following are the Balance Sheets of Rama Ltd. and Lakshmana Ltd. as on 31-3-2022.

## Llabilities

|  | $₹$ | $₹$ |
| :--- | ---: | ---: |
| Equity share capital | $4,00,000$ | $10,00,000$ |
| $10 \%$ preference share capital | $2,00,000$ | $3,00,000$ |
| $5 \%$ debentures | $2,00,000$ | $2,00,000$ |
| Reserves and surplus | $2,00,000$ | $2,40,000$ |
| Provision for taxation | $1,00,000$ | $1,40,000$ |
| Sundry creditors | $5,00,000$ | $\mathbf{8 , 2 0 , 0 0 0}$ |
| Bank overdraft | $\mathbf{1 6 , 0 0 , 0 0 0}$ | $\mathbf{1 , 0 0 , 0 0 0}$ |
|  |  | $\mathbf{2 8 , 0 0 , 0 0 0}$ |
| Assets | $6,00,000$ | $12,50,000$ |
| Land and buildings | $3,60,000$ | $8,40,000$ |
| Plant and machinery | $3,00,000$ | $4,00,000$ |
| Stock | $2,00,000$ | $2,70,000$ |
| Sundry debtors | $1,40,000$ | 40,000 |
| Cash in hand | $\mathbf{1 6 , 0 0 , 0 0 0}$ | $\mathbf{2 8 , 0 0 , 0 0 0}$ |

You are required to prepare common size Balance Sheet and comment.
 సృమూన్య గృత్రద అఘాబె ఱట్టియిన్ను తయూరిసి ముత్తు దిముతిఁసి.

జదాబ్దారిగలు

నౌమొన్య రెఁరు బండదఎళ

| రెపో to. | Cち్mer |
| :---: | :---: |
| ₹ | ₹ |

$10 \%$ ఆద్య తల రెలరు బండఱాళ

| $4,00,000$ | $10,00,000$ |
| :--- | :--- |
| $2,00,000$ | $3,00,000$ |
| $2,00,000$ | $2,00,000$ |
| $2,00,000$ | $2,40,000$ |

తెరిగి మిల్షలృకి
ఛనిగళు
1,00,000
$1,40,000$
$5 \%$ నెలய్త్ర,గఆు
2,00,000
2,40,000
మిఇసలు లృభాంఠ

1,00,000
5,00,000
8,20,000
బ్యాంశో మిలరెళేత
-
$1,00,000$
16,00,000
28,00,000
ఆస్తిగగు

| జమిలను 山ుత్తు చేట్టఱగగు | 6,00,000 | 12,50,000 |
| :---: | :---: | :---: |
| నలథ్థబర ముత్తు యంత్రగ్రు | 3,60,000 | 8,40,000 |
| దృస్తరను | 3,00,000 | 4,00,000 |
| ఇకరి ఖుణీగెతు | 2,00,000 | 2,70,000 |
| నగదు | 1,40,000 | 40,000 |
|  | 16,00,000 | 28,00,000 |

8. From the following Balance Sheets of MRV Ltd. as on 31-3-2021 and 31-3-2022.

Liabilities 31-3-2021 31-3-2022 Assets
₹

Equity share
capital

$$
4,00,000
$$

5,00,000 buildings
1,40,000 Plant and
P\&LA
64,000
78,000 machinery
3,60,000
2,60,000
Long term loans 3,20,000
80,000 Stock
2,00,000
2,52,000
Creditors
2,40,000 2,20,000 Debtors
1,60,000 1,28,000
Bills payable
60,000 40,000 Cash at bank

1,04,000
18,000
Provision for
taxation

$$
60,000 \quad 80,000
$$

$$
\begin{array}{lll}
12,24,000 & 11,38,000 & 12,24,000 \\
11,38,000
\end{array}
$$

## Additional information :

a) During the year 31-3-2022, dividend of $₹ 84,000$ was paid.
b) Depreciation written off on Plant and machinery ₹ 24,000 and Land and buildings ₹ 45,000.
c) Assets of another company were purchased for a consideration of ₹ $1,00,000$ payable by issue of shares and assets consisted Land and Buildings $₹ 60,000$ and Stock ₹ 40,000 .
d) Income tax paid during the year ₹ 80,000 .

You are required to prepare
i) Schedule of changes in working capital.
ii) Fund flow statement.



| జదాబ్దారిగఆు | 31-3-2021 | 31-3-2022 | ఆస్తిగటు | 31-3-2021 | 31-3-2022 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | ₹ | ₹ |  | ₹ | ₹ |


| నలమొన్య రెలరు |  |  | భామి ముక్తు |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| బండ్రల | 4,00,000 | 5,00,000 | చేట్టెగగు | 4,00,000 | 4,80,000 |
| నెమున్య నిధి | 80,000 | 1,40,000 | న్ర్దెరరుత్తు |  |  |


| లృభ ముక్తు న్ట్ట్రులై | 64,000 | 78,000 | యంత్ర,గళు | 3,60,000 | 2,60,000 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| దొఖాకШధి నలల | 3,20,000 | 80,000 | దలన్తానుగెళు | 2,00,000 | 2,52,000 |
| ఛనిగఆు | 2,40,000 | 2,20,000 | యుణగఆు | 1,60,000 | 1,28,000 |

 उెరిగేกอగి

మిఁసలు $60,000 \quad 80,000$
12,24,000 11,38,000
12,24,000 11,38,000
Шబ్చుచరి మోరింి :
a) బాల్తి ఐష్దద 31-3-2022రల్లి ₹ 84,000 లాభాంహవన్ను யెఐతిసలాగిది.
 ₹ 45,000 రజ్ట్టు సఐహళియున్ను కేగేయలలగిదా.

 దాన్తాను ₹ 40,000.


i) జర బండదాహ బదలలచణె జెట్టి ముత్తు
ii) నిధి జలనా జట్టియన్ను తయారిసి.
9. Using the following data prepare Balance Sheet.

Gross profit ( $20 \%$ on sales)
₹ $4,80,000$
Share capital
₹ $4,00,000$
Credit sales to total sales
80\%
Stock turnover ratio (Cost of sales/closing stock) 8 times
Total Assets turnover ratio 3 times
(Sales/total assets)
Average collection period 18 days
(360 days in a year)
Current ratio 1.6 : 1

Long term debt to equity (Total) 40\%
Current liabilities consist creditors and B.P. in the ratio of $2: 1$.

ఒట్టుల లృభ (మృరృటద మొలల 20\%)
₹ $4,80,000$
హెలు బండాదాళ
₹ $4,00,000$
ఒట్టు మొరృటదరల్లి సెలద మూరృట

$$
80 \%
$$

స్రుచు ఐీఃిదలటు అనుఱృత 8 山ెట్డు
(అజెలు 山ూరృట/అంకియు దృన్తెను)
ఒట్టుఆాస్తియి ఎఃిపలటు అనుఱృత 3 ※ఱృ్టు
(మూరృటె/ ఒట్టు ఆాస్తి)

సరాసేరి ఐస్సృలి అజధి
18 దినగళు
(ఎజ్బ దిల్లి 360 దినగజు)
బాల్తి అనుఱృత

40\%

10. From the following Balance Sheets of M/s Kruthik Ltd. as on 31-3-2021 and 31-3-2022. Prepare cash flow statement as per AS-3.
Liabilities

> 2020-21 2021-22 Assets
₹ ₹
Equity share Land and

| capital | $2,00,000$ | $3,00,000$ | Buildings | 50,000 | $1,10,000$ |
| :--- | :---: | ---: | :--- | :--- | :--- |
| Share premium | - | 10,000 | Plant and |  |  |


| General reserve | 50,000 | 80,000 | Machinery | $2,00,000$ |
| :--- | ---: | :--- | ---: | ---: |
| Profit and Loss A/c | 50,000 | 70,000 | Investments | 10,000 |
| $8 \%$ Debentures | $1,00,000$ | 50,000 | Stock | 80,000 |
| Provision for |  | Debtors | 90,000 | 60,000 |
| taxation | 30,000 | 40,000 Cash in hand | 40,000 | 30,000 |
| Proposed |  | Cash at bank | 30,000 | 20,000 |

dividend
20,000 30,000
Sundry creditors $50,000 \quad 70,000$

$$
5,00,000 \quad 6,50,000
$$

5,00,000
6,50,000

## Additional Information :

i) Investment costing ₹ 8,000 was sold for ₹ 15,000 the profit being credited to Profit and Loss A/c.
ii) An interim dividend of ₹ 26,000 was paid during the year 2021-22.
iii) Accumulated depreciation on Land and Buildings 2020-21 was ₹ 30,000 and 2021-22 was ₹ 40,000.
iv) Treate provision for taxation and proposed dividends as current liabilities.
v) Depreciation written off on Land and Buildings ₹ 20,000 .



జฝాబ్దారిగళు 2020 -21 2021-22 ఆస్తిగఆు 2020 -21 2021-22

|  | ₹ | ₹ |  | ₹ | ₹ |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2,00,000 | 3,00,000 | భులమి ముత్తు |  |  |
| రెలరు ఱ,,మియి | - | 10,000 | చీ్టెరnళ | 50,000 | 1,10,000 |
| నుమున్్య మిల్లలు | 50,000 | 80,000 | గ్థ్థెరర ముత్తు |  |  |
| లృభ న్ֹట్రై 2ూత | 50,000 | 70,000 | యంత్ | 2,00,000 | 3,00,000 |
|  | 1,00,000 | 50,000 | ळృఱిశెగు | 10,000 | 50,000 |
| రేరిగె మి¢శలు | 30,000 | 40,000 | దలస్తెను | 80,000 | 60,000 |
| లృభాంఠ |  |  | ขుణீగైు | 90,000 | 80,000 |
| నeఱిช์ | 20,000 | 30,000 | నగదు | 40,000 | 30,000 |
| ఛణீกชు | 50,000 | 70,000 | బ్ర్రుంగన నగము | 30,000 | 20,000 |
|  | 5,00,000 | 6,50,000 |  | 5,00,000 | 6,50,000 |


 లอభ నష్ట్ర ขృతేగగ జఱి మూడలృగిది.

 ₹ 40,000 .


11. a) State whether the following transactions results in increase or decrease or do not effect the working capital.
i) Bills receivable dishonoured ₹ 45,000
ii) Plant purchased by the issue of shares ₹ $1,00,000$
iii) Sale of temporary investments ₹ 50,000
iv) Issue of shares for cash ₹ $2,00,000$
v) Redemption of debentures worth ₹ $1,50,000$
vi) Cash paid to creditors ₹ 60,000
vii) Sale of fixed assets worth ₹ $2,50,000$
b) Prepare a comparative income statement from the following income statement and comment.

31-3-2021

Net sales
Less: Cost of goods sold
( $₹^{\prime}$ 000)
12,000 11,200
31-3-2022
(₹ ${ }^{\prime} 000$ )

8,400
7.200

| Gross profit | 3,600 | 4,000 |
| :--- | :---: | :---: |
| Less : Operating expenses | $\underline{2,400}$ | $\underline{2,400}$ |
| Operating profit | 1,200 | 1,600 |
| Less : Non operating expenses | $\underline{1,000}$ | $\underline{800}$ |
|  | 200 | 800 |
| Add : Non-operating income | $\underline{100}$ | $\underline{80}$ |
| Net profit | 300 | 880 |






iv) జేలుగళే వితెరణణ ₹ $2,00,000$
v) సౌలజత్గ, గళ మురుఱెఱతి ₹ $1,50,000$

vii) మూరృటబాద స్థిర ఆస్తిగఆు ₹ 2,50,000
 అనిసశేగళస్ను తిఆిస．

ఎెఐరగఆు

|  | 31－3－2021 | 31－3－2022 |
| :---: | :---: | :---: |
|  | （ $\mathcal{F}^{\prime}$ 000） | （ $\mathrm{F}^{\prime}$＇000） |
| నిప్హ్ర పిచ్రయగకు | 12，000 | 11，200 |
|  | 8，400 | 7，200 |
| సృథథ లอభ | 3，600 | 4，000 |
|  | 2，400 | $\underline{2,400}$ |
| ๖ృయ゙కでటుఱృటి లృభ | 1，200 | 1，600 |
|  | 1，000 | 800 |
|  | 200 | 800 |
|  | 100 | 80 |
| నిШ్టహ లృభ | 300 | 880 |

