

2023

FINANCIAL REPORTING AND  
FINANCIAL STATEMENT ANALYSIS — GENERAL

Paper : DSE-6.1AG

Full Marks : 80

*Candidates are required to give their answers in their own words  
as far as practicable.*

প্রাপ্তলিখিত সংখ্যাগুলি পূর্ণমান নির্দেশক।

বিভাগ - ক

১। ভারতীয় হিসাবনিকাশমান-1 এর পরিধি আলোচনা করো।

৫

অথবা,

ভারতীয় হিসাবনিকাশমান-1 এর উদ্দেশ্য লেখো।

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২। নিম্নলিখিত তথ্যের ভিত্তিতে Gross Profit Ratio নির্ণয় করো :

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Opening Stock – ₹ 50,000

Closing Stock – 1.2 times of opening stock

Stock Turnover – 4 times

Sales – ₹ 2,50,000

৩। নিম্নলিখিত তথ্যের ভিত্তিতে Fund from operation নির্ণয় করো :

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(₹)

(অ) Net profit for the year 2022-23

1,06,000

(আ) Transfer to General reserve in 2022-23

25,000

(ই) An old machine having book value of ₹ 30,000 was sold for

24,000

(ঈ) Goodwill written off

10,000

(উ) Depreciation charged on the fixed assets

25,000

(ঊ) Dividend received on investment in shares

12,000

অথবা,

তহবিল প্রবাহ বিবরণীর অসুবিধাগুলি আলোচনা করো।

৫

Please Turn Over

বিভাগ - খ

৪। নিম্নলিখিত দুটি কোম্পানির তথ্যের ভিত্তিতে Common Size Income Statement তৈরি করো :

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	Quant Ltd. (₹)	Nippon Ltd. (₹)
Sales	16,00,000	9,50,000
Cost of Goods Sold	11,50,000	6,50,000
Cash Operating Expenses	24,000	17,000
Other Income	30,000	20,000

৫। Ind AS 16 অনুযায়ী 'Property, Plant and Equipment'-এর স্বীকৃতিদানের মূল শর্তগুলি আলোচনা করো।

১০

অথবা,

নিম্নলিখিত তথ্যের ভিত্তিতে Ind AS 33 অনুযায়ী Parag Ltd.-এর Basic EPS নির্ণয় করো :

১০

Profit before tax for the current year	₹ 1,00,00,000
Equity Share Capital @ ₹ 10 each	₹ 60,00,000
Equity Share Capital of ₹ 10 each, ₹ 4 paid	₹ 20,00,000
12% Cumulative Preference Shares	₹ 50,00,000
Corporate Tax Rate applicable	30%

বিভাগ - গ

৬। H. Ltd., S. Ltd.-এর 1200 টি শেয়ার 01.04.2022 তারিখে ক্রয় করে। 31.03.2023 তারিখে H. Ltd. এবং তার অধীনস্থ কোম্পানি S. Ltd.-এর সম্পত্তি ও দায়ের বিবরণীগুলি নিম্নোক্ত :

	H. Ltd. (₹)	S. Ltd. (₹)
<b>I. EQUITY AND LIABILITIES</b>		
<b>1. Shareholders' Funds :</b>		
(a) Share Capital :		
(i) Preference Share Capital of ₹ 10 each fully paid	1,00,000	—
(ii) Equity Share Capital of ₹ 100 each fully paid	5,00,000	1,50,000
(b) Reserves and Surplus :		
General Reserve	3,40,000	6,000
Profit and Loss Balance (cr.)	3,60,000	1,08,000

	H. Ltd. (₹)	S. Ltd. (₹)
<b>2. Non-Current Liabilities :</b>		
6% Debentures (Secured)	—	24,000
<b>3. Current Liabilities :</b>		
Trade Payables – Sundry Creditors	1,00,000	44,300
<b>TOTAL</b>	<b>14,00,000</b>	<b>3,32,300</b>
<b>I. ASSETS</b>		
<b>1. Non-Current Assets :</b>		
(a) Property, Plant and Equipment	8,72,000	2,01,300
(b) Non-current Investments		
Investment in S. Ltd. (Shares of S. Ltd.)	1,80,000	—
<b>2. Current Assets :</b>		
(a) Inventories	1,36,000	50,600
(b) Trade Receivables – Debtors	2,00,000	70,000
(c) Cash and Cash Equivalents – Cash at Bank	12,000	10,400
<b>TOTAL</b>	<b>14,00,000</b>	<b>3,32,300</b>

অন্যান্য তথ্যাবলি :

- (অ) On 01.04.2022 Profit and Loss of S. Ltd. stood at ₹ 77,500 and General Reserve at ₹ 3,000.
- (আ) H. Ltd. revalued Plant and Machinery of S. Ltd. at the time of purchase of shares by ₹ 20,000 more than its book value (ignore depreciation).
- (ই) Trade Receivables of S. Ltd. include ₹ 24,000 for sales to H. Ltd. on which S. Ltd. made a profit of ₹ 6,000.
- (ঈ) Inventory of H. Ltd. includes ₹ 8,000 of stock purchased from S. Ltd.

31.03.2023 তারিখে H. Ltd. এবং এর অধীনস্থ কোম্পানি S. Ltd.-এর সংযুক্ত উদ্বৃত্তপত্রটি প্রস্তুত করো।

৭। Subrata Ltd.-এর 31শে March, 2022 এবং 2023-এর উদ্বৃত্তপত্র প্রদত্ত হল। এর ভিত্তিতে তুমি 31.03.2023 তারিখে সনাদ বছরের জন্য নগদ প্রবাহ বিবরণী প্রস্তুত করো :

Balance Sheet of Subrata Ltd.

Particulars	Notes No.	31.03.2022 (₹)	31.03.2023 (₹)
<b>I. EQUITY AND LIABILITIES</b>			
<b>1. Shareholders' Fund :</b>			
(a) Share Capital		1,00,000	1,25,000
(b) Reserves and Surplus :			
(i) Balance of Profit		12,000	10,000
(ii) General Reserve		15,000	18,000
<b>2. Non-Current Liabilities</b>		-	-
<b>3. Current Liabilities :</b>			
(a) Trade Payable :			
(i) Sundry Creditors		8,000	6,500
(ii) Bills Payable		1,200	1,000
(b) Short-term Provision :			
Provision for taxation		18,600	16,700
<b>TOTAL</b>		<b>1,54,800</b>	<b>1,77,200</b>
<b>II. ASSETS</b>			
<b>1. Non-Current Assets :</b>			
(a) Property, Plant and Equipment :			
(i) Building		45,000	50,000
(ii) Plant		40,000	38,000
(b) Intangible Assets :			
Goodwill		12,000	10,000
(c) Non-Current Investment		10,000	12,000
<b>2. Current Assets :</b>			
(a) Inventory		30,000	38,000
(b) Trade Receivables :			
(i) Bills Receivables		2,000	2,500
(ii) Debtors		14,000	18,000
(c) Cash and Cash Equivalent		1,800	8,700
<b>TOTAL</b>		<b>1,54,800</b>	<b>1,77,200</b>

## অতিরিক্ত তথ্যাবলি :

- (অ) Depreciation charged on Plant was ₹ 5,000 and on building ₹ 4,000.  
 (আ) A plant, book value of which was ₹ 5,000, was sold at ₹ 7,000.  
 (ই) Provision for taxation of ₹ 19,000 was made during the year.  
 (ঈ) Interim dividend of ₹ 8,000 was paid during the year.

## অথবা,

নিম্নে 31.03.2022 ও 31.03.2023 তারিখে RIL Ltd.-এর দায় ও সম্পত্তিগুলি প্রদত্ত হল :

	Note Nos.	31.03.2022 ( ₹ )	31.03.2023 ( ₹ )
<b>I. EQUITY AND LIABILITIES</b>			
<b>1. Shareholders' Funds :</b>			
(a) Share Capital :			
Equity Share Capital of ₹ 10 each		8,00,000	10,00,000
(b) Reserves and Surplus :			
(i) Securities Premium		1,00,000	1,20,000
(ii) General Reserve		3,60,000	4,40,000
(iii) Profit and Loss Balance (cr.)		2,20,000	2,96,000
<b>2. Non-Current Liabilities :</b>			
Bank Loan		4,20,000	4,60,000
<b>3. Current Liabilities :</b>			
(a) Trade Payables – Sundry Creditors		1,66,000	2,16,000
(b) Short-term Provision – Provision for taxation		2,00,000	2,10,000
<b>TOTAL</b>		<b>22,66,000</b>	<b>27,42,000</b>
<b>II. ASSETS</b>			
<b>1. Non-Current Assets :</b>			
(a) Property, Plant and Equipment		17,00,000	20,60,000
(b) Non-Current Investments		96,000	1,24,000
<b>2. Current Assets :</b>			
(a) Inventories		2,40,000	2,80,000
(b) Trade Receivables – Debtors		1,60,000	1,90,000
(c) Cash and Cash Equivalent		70,000	88,000
<b>TOTAL</b>		<b>22,66,000</b>	<b>27,42,000</b>

Please Turn Over

অতিরিক্ত তথ্যাবলি :

- (অ) Dividend paid during the year ₹ 75,000.
- (আ) The company sold part of the fixed assets for ₹ 24,000 (WDV ₹ 20,000). Depreciation charged on fixed assets during the year ₹ 1,40,000.
- (ই) Investment costing ₹ 16,000 were sold during the year for ₹ 19,000.
- (ঈ) Income Tax provided during the year ₹ 1,98,000.
- 31.03.2023 তারিখে সমাপ্ত বছরের জন্য AS 3 অনুসারে RIL Ltd.-এর নগদ প্রবাহ বিবরণী প্রস্তুত করো। ১৫

৮। নিম্নলিখিত তথ্যের ভিত্তিতে 31.03.2023 তারিখে Sunlight Ltd.-এর একটি উদ্বর্তপত্র প্রস্তুত করো।  
[Schedule-III এর কাঠামো প্রয়োজনীয় নয়] ১৫

- Current ratio = 2.5
- Liquid ratio = 1.5
- Net Working Capital = ₹ 3,00,000
- Cost of Goods sold / Closing Stock = 8 times
- Gross Profit Ratio = 25%
- Average debt collection period = 1.5 months
- Fixed Assets / Shareholder's Net worth = 0.75
- Reserves and Surplus / Share Capital = 0.50.

অথবা,

- (ক) তরলত্ব পরিমাপের অনুপাতগুলি কী কী? এই ধরনের যে-কোনো দুটি অনুপাতের গুরুত্ব আলোচনা করো।
- (খ) তুমি কি মনে করো যে আর্থিক বিবরণী বিশ্লেষণে অনুপাত যথেষ্ট? তোমার মতামত ব্যাখ্যা করো। ১০+৫

[ English Version ]

The figures in the margin indicate full marks.

Group - A

1. Discuss the Scope of Ind-AS 1. 5

Or,

Write the objectives of Ind-AS 1. 5

2. From the following information, compute Gross Profit Ratio : 5

Opening Stock – ₹ 50,000

Closing Stock – 1.2 times of opening stock

Stock Turnover – 4 times

Sales – ₹ 2,50,000

3. Calculate Fund from operation from the following details :

5

(i) Net profit for the year 2022-23	(₹)
(ii) Transfer to General reserve in 2022-23	1,06,000
(iii) An old machine having book value of ₹ 30,000 was sold for	25,000
(iv) Goodwill written off	24,000
(v) Depreciation charged on the fixed assets	10,000
(vi) Dividend received on investment in shares	25,000
	12,000

*Or,*

State the limitations of Fund Flow Statement.

5

**Group - B**

4. From the following data relating to two companies, prepare Common Size Income Statement :

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	Quant Ltd. (₹)	Nippon Ltd. (₹)
Sales	16,00,000	9,50,000
Cost of Goods Sold	11,50,000	6,50,000
Cash Operating Expenses	24,000	17,000
Other Income	30,000	20,000

5. Discuss the basic recognition criteria of 'Property, Plant and Equipment' as per Ind AS 16.

10

*Or,*

From the following information given by Parag Ltd., calculate Basic EPS as per Ind AS 33.

10

Profit before tax for the current year	₹ 1,00,00,000
Equity Share Capital @ ₹ 10 each	₹ 60,00,000
Equity Share Capital ₹ 10 each, ₹ 4 paid	₹ 20,00,000
12% Cumulative Preference Shares	₹ 50,00,000
Corporate Tax Rate applicable	30%

Please Turn Over

Group - C

6. H. Ltd. acquired 1200 Equity Shares in S. Ltd. on 01.04.2022. The statement of assets and liabilities of H. Ltd. and its subsidiary, S. Ltd. as on 31.03.2023 stood as follows :

	H. Ltd. ( ₹ )	S. Ltd. ( ₹ )
<b>I. EQUITY AND LIABILITIES</b>		
<b>1. Shareholders' Funds :</b>		
(a) Share Capital :		
(i) Preference Share Capital of ₹ 10 each fully paid	1,00,000	—
(ii) Equity Share Capital of ₹ 100 each fully paid	5,00,000	1,50,000
(b) Reserves and Surplus :		
General Reserve	3,40,000	6,000
Profit and Loss Balance (cr.)	3,60,000	1,08,000
<b>2. Non-Current Liabilities :</b>		
6% Debentures (Secured)	—	24,000
<b>3. Current Liabilities :</b>		
Trade Payables – Sundry Creditors	1,00,000	44,300
<b>TOTAL</b>	<b>14,00,000</b>	<b>3,32,300</b>
<b>I. ASSETS</b>		
<b>1. Non-Current Assets :</b>		
(a) Property, Plant and Equipment	8,72,000	2,01,300
(b) Non-current Investments		
Investment in S. Ltd. (Shares of S. Ltd.)	1,80,000	—
<b>2. Current Assets :</b>		
(a) Inventories	1,36,000	50,600
(b) Trade Receivables – Debtors	2,00,000	70,000
(c) Cash and Cash Equivalents – Cash at Bank	12,000	10,400
<b>TOTAL</b>	<b>14,00,000</b>	<b>3,32,300</b>

**Other information :**

- (i) On 01.04.2022 Profit and Loss of S. Ltd. stood at ₹ 77,500 (cr.) and General Reserve at ₹ 3,000.  
(ii) H. Ltd. revalued Plant and Machinery of S. Ltd. at the time of purchase of shares by ₹ 20,000 more than its book value (ignore depreciation).  
(iii) Trade Receivables of S. Ltd. include ₹ 24,000 for sales to H. Ltd. on which S. Ltd. made a profit of ₹ 6,000.  
(iv) Inventory of H. Ltd. includes ₹ 8,000 of stock purchased from S. Ltd.

You are required to prepare the Consolidated Balance Sheet of H. Ltd. with its subsidiary S. Ltd. as at 31.03.2023

7. From the following Balance Sheet of Subrata Ltd. on 31st March 2022 and 2023, prepare a Cash Flow Statement for the year ended 31.03.2023. 15

## Balance Sheet of Subrata Ltd.

Particulars	Notes No.	31.03.2022 (₹)	31.03.2023 (₹)
<b>I. EQUITY AND LIABILITIES</b>			
<b>1. Shareholders' Fund :</b>			
(a) Share Capital		1,00,000	1,25,000
<b>(b) Reserves and Surplus :</b>			
(i) Balance of Profit		12,000	10,000
(ii) General Reserve		15,000	18,000
<b>2. Non-Current Liabilities</b>			
<b>3. Current Liabilities :</b>			
<b>(a) Trade Payable :</b>			
(i) Sundry Creditors		8,000	6,500
(ii) Bills Payable		1,200	1,000
<b>(b) Short-term Provision</b>			
Provision for taxation		18,600	16,700
<b>TOTAL</b>		<b>1,54,800</b>	<b>1,77,200</b>
<b>II. ASSETS</b>			
<b>1. Non-Current Assets :</b>			
<b>(a) Property, Plant and Equipment :</b>			
(i) Building		45,000	50,000
(ii) Plant		40,000	38,000
<b>(b) Intangible Assets :</b>			
Goodwill		12,000	10,000
<b>(c) Non-Current Investment</b>			
		10,000	12,000
<b>2. Current Assets :</b>			
<b>(a) Inventory</b>			
		30,000	38,000
<b>(b) Trade Receivables :</b>			
(i) Bills Receivables		2,000	2,500
(ii) Debtors		14,000	18,000
<b>(c) Cash and Cash Equivalent</b>			
		1,800	8,700
<b>TOTAL</b>		<b>1,54,800</b>	<b>1,77,200</b>

**Additional information :**

- (i) Depreciation charged on plant was ₹ 5,000 and on building ₹ 4,000.
- (ii) A plant, book value of which was ₹ 5,000, was sold at ₹ 7,000.
- (iii) Provision for taxation of ₹ 19,000 was made during the year.
- (iv) Interim dividend of ₹ 8,000 was paid during the year.

Please Turn Over

Or,

Following are the Liabilities and Assets of RIL Ltd. as on 31.03.2022 and 31.03.2023 :

	Note Nos.	31.03.2022 (₹)	31.03.2023 (₹)
<b>I. EQUITY AND LIABILITIES</b>			
<b>1. Shareholders' Funds :</b>			
(a) Share Capital :		8,00,000	10,00,000
Equity Share Capital of ₹ 10 each			
(b) Reserves and Surplus :		1,00,000	1,20,000
(i) Securities Premium		3,60,000	4,40,000
(ii) General Reserve		2,20,000	2,96,000
(iii) Profit and Loss Balance (cr.)			
<b>2. Non-Current Liabilities :</b>		4,20,000	4,60,000
Bank Loan			
<b>3. Current Liabilities :</b>		1,66,000	2,16,000
(a) Trade Payables – Sundry Creditors			
(b) Short-term Provision – Provision for taxation		2,00,000	2,10,000
<b>TOTAL</b>		<b>22,66,000</b>	<b>27,42,000</b>
<b>II. ASSETS</b>			
<b>1. Non-Current Assets :</b>			
(a) Property, Plant and Equipment		17,00,000	20,60,000
(b) Non-Current Investments		96,000	1,24,000
<b>2. Current Assets :</b>		2,40,000	2,80,000
(a) Inventories			
(b) Trade Receivables – Debtors		1,60,000	1,90,000
(c) Cash and Cash Equivalents		70,000	88,000
<b>TOTAL</b>		<b>22,66,000</b>	<b>27,42,000</b>

**Additional information :**

- (i) Dividend paid during the year ₹ 75,000.
- (ii) The company sold part of the fixed assets for ₹ 24,000 (WDV ₹ 20,000). Depreciation charged on fixed assets during the year ₹ 1,40,000.
- (iii) Investment costing ₹ 16,000 were sold during the year for ₹ 19,000.
- (iv) Income Tax provided during the year ₹ 1,98,000.

You are required to prepare a Cash Flow Statement of RIL Ltd. for the year ended 31.03.2023 as per AS 3.

8. From the following information relating to Sunlight Ltd., prepare a Balance Sheet as on 31.03.2023.  
[Schedule III format is not required]

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- Current ratio = 2.5
- Liquid ratio = 1.5
- Net Working Capital = ₹ 3,00,000
- Cost of Goods sold / Closing Stock = 8 times
- Gross Profit Ratio = 25%
- Average debt collection period = 1.5 months
- Fixed Assets / Shareholder's Net worth = 0.75
- Reserves and Surplus / Share Capital = 0.50.

**Or,**

- (a) What are the liquidity measurement ratios? Explain two of them with significance.
- (b) Do you think that ratios are enough to analyse financial statements? Explain your view.

10+5