



The Institute of Chartered Accountants of India

Code: FN1FR565894
Subject : FINANCIAL REPORTING

Total Marks: 100
Marks Obtained : 86

Subject FR
 Number of Answer Books used : Main + 3 additional sheets

For use by ICAI only

565894



| Q.No. | To be ticked (✓) by the candidate against the Questions answered | Marks Awarded (To be filled by Examiner) | | | | | Total |
|--------------|--|--|---|---|---|---|-------|
| | | a | b | c | d | e | |
| 1 | ✓ | | | | | | |
| 2 | | | | | | | |
| 3 | ✓ | | | | | | |
| 4 | ✓ | | | | | | |
| 5 | ✓ | | | | | | |
| 6 | ✓ | | | | | | |
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| 12 | | | | | | | |
| 13 | | | | | | | |
| 14 | | | | | | | |
| Total | | | | | | | |



21 NOV 2020

Use only Blue / Black Ball Point Pen to write and shade the circles.
AVOID RED PEN.
 Write the marks in the boxes before shading the respective circles.

Total Marks awarded

| | |
|---|---|
| | |
| 0 | 0 |
| 1 | 1 |
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| 7 | 7 |
| 8 | 8 |
| 9 | 9 |

Total Marks awarded (in words) _____

Examiner's Signature _____



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INSTRUCTIONS TO THE CANDIDATE

Answers are not to be written on this page

1. Answers should be written in figures and words in the allotted space at the right hand corner of the cover page only and nowhere else including additional answer book/s and graph paper.
2. Roll number should be written in the box in numbers and darken the appropriate circles of the OMR form provided in the right hand corner of the cover page with **Black / Blue** ball point pen.
3. Fill particulars such as name of Examination, Group No., Paper No. and subject at the appropriate space at the left hand upper corner.
4. Remove the Bar Code sticker of the particular paper from the Attendance sheet and affix the same on the box provided in the right hand corner of the cover page.
5. Since a machine will read the Roll no., please check and ensure that Roll number written in numbers, words and circles darkened are correct. In case any candidate fills this information wrongly, Institute will not take any responsibility for rectifying the mistake.
6. The answers should be written neatly and legibly.
7. The answer to each question must be commenced on a fresh page and question number prominently written at the top of each answer. Alternatively, the question number should be distinctly written in the margin.
8. The answer to each question in all parts should be fully completed in one page or in a consecutive set of pages, before the next question is taken up.
9. Writing of Roll number in place/s other than the space provided for the purpose or writing distinguishing mark, symbols like "OM", "Sri", "Jesus", "786", etc., will tantamount to adoption of "unfair means"
10. Before submission of answer book to the invigilator take care to score out (X) blank pages, if any, that you might have left.



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18 Q3

3



6.5 3a

Q3(a)

As per Ind AS 116 'Leases', when a seller sells an asset to the buyer and takes back the same asset on lease, it amounts to a 'Sale and Leaseback' transaction.

If the transaction satisfies the requirements of performance obligation being satisfied as per Ind AS 115 'Revenue from Contract with Customers', the seller-lessee derecognises the asset from its books and recognises a ROU Asset and Lease Liability as per Ind AS 116 as under:

Consideration received = ₹ 20,00,000

Carrying Value of Asset = ₹ 13,00,000

Lease Liability will be recorded at the PV of Annual Lease payments discounted at interest rate implicit in lease i.e. 12% i.e. ₹ 14,94,000

ROU Asset = Lease Liability

1

3a Step 1

However, since the transaction is not at fair value, the consideration above fair value i.e. ₹ 3,00,000 will be regarded as a financing transaction.



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Q3(a)

1.5 3aStep3 The value of ₹ 3,00,000 will also be reduced from value of lease liability.
∴ Lease Liability will be recorded at $14,94,000 - ₹ 3,00,000 = ₹ 11,94,000$

ROU Asset will be recognised at = $\frac{\text{Lease Liability} \times \text{Carrying Value}}{\text{Fair Value}}$

2 3aStep2
$$= ₹ \frac{11,94,000 \times 13,00,000}{25,00,000}$$

$$= ₹ 6,20,880$$

The difference if any will be taken to the Profit & Loss A/c.

∴ Accounting in books of Venus Ltd :-

1) Bank A/c Dr 25,00,000 { To the extent of fair value }
ROU Asset A/c Dr 6,20,880
2) To Profit & Loss A/c (bal fig) 6,26,880
To Building A/c 13,00,000
To Lease Liability A/c 11,94,000

2) Bank A/c Dr 3,00,000
To Loan Taken A/c 3,00,000
{ for consideration received in excess of fair value } → considered as financing transaction.



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7.5 3b

5



Q3cb)

As per Ind AS 36 'Impairment of Assets', if a corporate asset can be allocated to the Cash Generating units on a reasonable basis, then the impairment loss shall be calculated after allocating the value of corporate asset in ratio of carrying values.

However, if the value of corporate asset cannot be allocated on reasonable basis, it shall be impaired considering the recoverable amount for the business as a whole after impairment of individual CGU's.

⇒ Calculation of Impairment loss of Individual CGU's (₹ in Crs)

| Particulars | Train | Railway station | Railway Tracks. |
|---------------------------------------|-------|-----------------|-----------------|
| Carrying Value (A) | 1500 | 2250 | 3300 |
| Remaining Life (B) | 10 | 20 | 20 |
| A x B | 15000 | 45000 | 66000 |
| Ratio | 15 | 45 | 66 |
| Allocation of Cost of 'and (15:45:66) | 214 | 643 | 943 |
| Total CV | 1714 | 2893 | 4243 |
| Recoverable Value | 1800 | 2700 | 4200 |

3 3bStep1



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Q3(b)

1 3bStep2 Impairment loss - 193 43

→ Allocation to CGU's and Land (Corporate Asset)

⇒ Railway station:

Impairment loss to CGU $\Rightarrow 193 \times \frac{2250}{2893}$

$\Rightarrow 150$

Loss to Land $\Rightarrow 193 \times \frac{643}{2893} \Rightarrow 43$

2 3bStep3

Railway Tracks:

CGU $\Rightarrow 43 \times \frac{3300}{4243} \Rightarrow \text{€ } 33$

Land $\Rightarrow 43 \times \frac{943}{4243} \Rightarrow \text{€ } 10$

∴ Total Impairment loss charged to Land $\Rightarrow 43 + 10 = 53$

→ Calculation of Impairment loss of business as a whole:




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| Particulars | Train | Station | Tracks | Land | Building |
|--------------------------------------|-------|---------|--------|------|----------|
| Carrying Value | 1500 | 2250 | 3300 | 1800 | 600 |
| Less: Impairment charged | - | (150) | (33) | (53) | - |
| Balance | 1500 | 2100 | 3267 | 1747 | 600 |
| Recoverable Total CV | | | | | 9214 |
| Recoverable Value (Company as whole) | | | | | 9600 |
| Impairment | | | | | NIL |

1.5 3b Step 4

∴ The company as a whole is not impaired since Recoverable Value excess the aggregate carrying value.



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Q3CC)

4 3c

As per Ind AS 2 'Inventories',
Inventories are defined as -

- Assets held for sale in ordinary course of business (FG)
- Assets to be used in production process for sale (WIP) &
- Materials held to be consumed in the production process.

Since Sophia Ltd is engaged in supplying Inverter panels, it constitutes inventories for Sophia Ltd.

Inventories are carried at lower of carrying value or (net realisable value)

In the given case,

(i) Sophia Ltd has already incurred cost of ₹ 255 lakhs for WIP and ₹ 165 lakhs on FG. (Cost)

Since the customer cannot take the delivery, Sophia Ltd must estimate the net realisable value of such WIP and FG if it can be sold to another buyer. It must be then measured at lower of cost or NRV.




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Q3(c)

However, if it cannot be sold to another buyer, its NRV will be considered as NIL and the entire cost shall be written off. (Measured at NIL).

(ii) In respect of Debtors of ₹ 195 lakhs, since the amount is not recoverable, the entire amount must be recorded as Provision for bad and doubtful debts.

∴ Suitable provisions must be made as stated above.

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Q5

10

5

5a

Q5(a)

As per Ind AS 19 'Employee Benefits', the treatment for given cases shall be as under :-

(i) Short-term compensating absences:

In case of accumulating absences, the company must recognise a provision on the basis of no. of leaves it expects the employees to carry forward.

∴ No. of [privilege leaves] expected to be carried forward ⇒

$$200 \text{ employees} \times 5 + 800 \text{ Employees} \times 10$$

$$\Rightarrow 1000 + 8000$$

$$\Rightarrow \underline{9000 \text{ days}}$$

No. of [Sick leaves] to be provided for :-

$$\Rightarrow 200 \text{ employees} \times 2 + 800 \text{ ee} \times 5$$

$$\Rightarrow 400 + 4000$$

$$\Rightarrow \underline{4400 \text{ days}}$$

(ii) Profit sharing plan :-

A provision must be made on the basis of profits expected to be distributed to employees.

$$\therefore \text{Amount to be provided for} = ₹ 4000 \text{ Crs} \times 3.5\% \Rightarrow \underline{₹ 140 \text{ Crs}}$$

2

5aStep1

1

5aStep2

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Q5(a)

(iii)

Defined Contribution Plan:

The amount to be paid towards contribution plan must be

- recognised as expense in the P/L A/c

- a corresponding liability must be

created for amount remaining unpaid on balance sheet date.

2

5aStep3

→ ₹ 200 Crs must be recognised as expense in P/L A/c

→ Since ₹ 40 crs has already been paid, a liability must be created for ₹ 160 crs.



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5b

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Q 5(b)

Name of Group: Entity A & Subsidiaries
Consolidated Statement of Cash Flows for
Year ending 31 March 2020 :-

| Particulars | ₹ |
|--|---------------|
| Consolidated Profit after tax | 27500 |
| Add: Tax expense debited | 7500 |
| Add: Interest Cost debited (Financing) | 2000 |
| Add: Depreciation (Non-Cash) | 15000 |
| | <u>52000</u> |
| Changes in Working Capital | |
| Decrease in Trade Receivables (WN1) | 2000 |
| Decrease in Inventories (WN2) | 4500 |
| Decrease in Trade Payables (WN3) | (12000) |
| | <u>(5500)</u> |
| | 46500 |
| (-) Tax paid (5500 + 7500 - 6000) | (7000) |
| Cash Flow from Operating (CA) Activities | <u>39500</u> |
| - Cash Flow from Investing Activities: | |
| Investment in Btd (87000 - 1000) (WN4) | (36000) |
| - Cash Flow from Financing Activities: | |
| Interest Cost | (2000) |

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Q5(b)

| | | | | |
|-----|---------|--------------------------------------|---------------|--|
| 6.5 | 5bStep1 | at Cash Flows during the year | 1500 | |
| | | Add: Opening Cash & Cash Equivalents | 2500 | |
| | | Closing Cash & Cash Equivalents | <u>₹ 4000</u> | |
| | | <u>WN1: Trade Receivables:</u> | | |
| | | Closing balance | 27000 | |
| | | (-) Acquired from B | (4000) | |
| | | | 23000 | |
| | | (-) Opening balance | 25000 | |
| | | Change | (2000) | |
| | | <u>WN2: Inventories:</u> | | |
| | | Closing balance | 15000 | |
| | | (-) Acquired from B | (2000) | |
| | | | 13000 | |
| | | (-) Opening balance | 17500 | |
| | | Change | (4500) | |
| | | <u>WN3: Trade Payables:</u> | | |
| | | Closing balance | 34000 | |
| 1.5 | 5bStep2 | (-) Acquired from B | (16000) | |
| | | | 18000 | |
| | | (-) Opening balance | (30,000) | |
| | | Change | (12000) | |

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Q5(b)

WNA:

As per Ind AS 7 'Cash flow statements', amount paid for acquiring control over subsidiary must be recognised on gross basis under 'Investing Activities' and must be recorded net of cash & cash equivalents of a tree.

$\therefore 37000 - 1000 = \text{₹ } 36000$

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6 5c

15



Q5(c)

As per Ind AS 28 'Accounting for Associates & Joint Ventures', when an entity follows equity method for accounting of associates in its CFS, it must record the cost of investment and increase this value by amount of its share in post profits of the associate.

1.5 5cStep1

The parent/investor must increase the value of investment by:

- Share in Post P/L
- Share in Post OCI
- Share in changes in equity (post)

1.5 5cStep2

⇒ The investor must retain the same classification as done by the associate for recording the post profits.

For eg:- if the associate records the transaction in OCI, the Investor must also record its share in post OCI in the OCI (Reserve) and correspondingly increase the value of its investment by same amount.

Even if the investor does not directly participate in the transactions done by associates,



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Q5(c)

it records the changes in profits of associates by retaining the same classification (i.e. P/L, OCI, Equity) in the consolidated financial statements.

In the given case, S records the credit of ₹1000 on sale of stake in equity.

→ ∴ H must also recognise its share (i.e. 20%) of increase in equity i.e. ₹200 in 'Other Equity' in consolidated financial statements.

1.5 5cStep3

The investment in S recorded as per 'Equity Method' will also be increased by ₹200 in consolidated Financial Statements.

1.5 5cStep4

extract:

| Equity | | Assets | |
|--------------|-------|-----------------|-------|
| Other Equity | ↑ 200 | Investment in S | ↑ 200 |

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04(a)

18.5 Q4

5.5 4a

1 4aStep1

As per Ind AS 109 and Ind AS 32 on 'Financial Instruments', if an instrument has the features of both - liability and equity, then it is a 'compound financial instrument'. In given case, 8% convertible loan is a compound instrument and must be split into equity and liability components as under :-

| Yr | CF | DF @ 10% | PV |
|----|-----------------|----------|------------|
| 1 | 96000 | 0.91 | 87360 |
| 2 | 96000 | 0.83 | 79680 |
| 3 | 96000 | 0.75 | 72000 |
| 4 | 96000 + 1200000 | 0.68 | 652 881280 |

3 4aStep2

Value of liability component (1120320)

(-) Nominal value (12,00,000)

Value of Equity Component (79,680)

The liability component would be measured at 'amortised cost' using 'effective interest rate of 10%'.



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Q4(a)

∴ Interest to be recorded for current year $\rightarrow \text{₹ } 1,12,032$ (@10%)

Amount already included as Finance Cost = ₹ 96,000.

1 4aStep3 ∴ Additional Interest to be recorded in P/L A/c $\rightarrow \text{₹ } 16,032$.

Closing balance of Liability Component:

| Yr | Op. balance | Int@10% | Payments | Cl. bal |
|----|-------------|---------|----------|---------|
| 1 | 1120320 | 112032 | 96000 | 1136352 |
| 2 | 1136352 | 113635 | 96000 | 1153987 |
| 3 | | | 96000 | |
| 4 | | | 96000 | |

Equity component will not be remeasured.

∴ Extract of Balance sheet :-

→ Equity

| | | |
|---------------------------|--------|--|
| Other Equity (of 8% Loan) | 79,680 | |
|---------------------------|--------|--|

→ Non-Current Liability

| | | |
|---------------------------|-----------|--|
| Financial Liab | | |
| Liab component of 8% Loan | 11,52,987 | |

→ Current Liab

| | | |
|---------------------------|---------|--|
| Financial Liab | | |
| Liab component of 8% Loan | 1,74,55 | |

0.5 4aStep4



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Qu(a)

P/L A/c
Finance Cost =

₹ 112032

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4b

20



Q4(b)

As per Para 13(a) of Ind AS '108' 'Operating Segments',
an operating segment must be reported if its total revenue is $\geq 10\%$ of the total revenue (internal + external) of the entity.

3

4bStep1

calculation of % Revenue :

| Segment | % of Total Sales | Reportable? |
|---------|------------------|------------------------------|
| A | 31.25% | Yes <input type="checkbox"/> |
| B | 6.25% | No <input type="checkbox"/> |
| C | 8.59% | No <input type="checkbox"/> |
| D | 53.90% | Yes <input type="checkbox"/> |

As per Para 13(b), Segment A & D cross the required threshold and must be reported.

However, as per Para 15, if the external revenue of reportable segments is less than 75% of total external revenue of entity, then additional segments must be reported to increase the value to



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Q4(c)

75% of total revenue.

External Revenue of A & D \Rightarrow 470000

4bStep2 % of Total External Revenue \Rightarrow 73.43%

Since this is less than 75%, additional segments must be reported.

Since Segment C is a high growing business and management expects higher contribution in future, it can be reported as 'startup segment'.

\therefore % of Total Revenue (A, C, D) \Rightarrow 87.5%.

4bStep3 \therefore Segments to be reported as per Ind AS 108 \Rightarrow Segment A, C & D.

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4c

22



Q4(c)

As per Ind AS 103, 'Business Combination', accounting under 'Acquisition Method' would be as under :-

1

4cStep1

Acquisition Date \Rightarrow 31 Dec 2019.

2) Acquirer \Rightarrow P Ltd.

3) Calculation of Purchase Consideration :-

| | (₹) |
|--|-----------|
| Cash | 50,00,000 |
| Shares (90,000 \times ₹ 10) | 9,00,000 |
| Fair Value of Contingent Consideration | 2,00,000 |

1.5

4cStep2

₹ 61,00,000

4) Fair Value of Net Identifiable Assets taken over of S Ltd \Rightarrow ₹ 45,00,000

1.5

4cStep3

Value of NCI at Fair Value = ₹ 0,000.

6) Acquisition related costs were debited to Profit & Loss A/c \Rightarrow ₹ 2,00,000.

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0400

(7) Calculation of Goodwill / Gain on Bargain Purchase :-

| | (₹) |
|--|--------------------|
| Purchase Consideration | 61,00,000 |
| (+) Fair Value of Net | 5,00,000 |
| (+) Fair Value of Investment previously held | 18,00,000 |
| | <u>84,00,000</u> |
| (-) Fair Value of Net Identifiable Assets taken over | (45,00,000) |
| Goodwill | ₹ 39,00,000 |

2 4cStep5

⇒ ∴ Accounting entry to be passed in books of P Ltd's on 31.12.2019

| | |
|--|-----------|
| Net Identifiable Assets A/c Dr | 45,00,000 |
| Goodwill A/c Dr | 39,00,000 |
| To Cash A/c | 50,00,000 |
| To Eq. Share Capital A/c | 9,00,000 |
| To Contingent Consideration Payable A/c | 2,00,000 |
| To Net A/c | 5,00,000 |
| To Carrying Value of Investment | 8,00,000 |
| To P/L / other Equity (Gain on Investment) | 10,00,000 |

1 4cStep4



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17 Q6

24



5 6a

Q6(a)

As per Ind AS 102 'Share based payments' -

WN1) Calculation of expenses to be debited to P/L A/c

2.5 6a Step 1

| Yr | Expected employees | Cumulative Amount | Expense for the year. |
|-----------|------------------------|--|-----------------------------------|
| 1.04.2017 | 94% 100% | $10,000 \times ₹100$ $\times \del{94\%} 100%$ | 940000 ₹ 10,00,000 |
| 31.3.18 | 94% | $10,000 \times ₹132$ $\times 94\% \Rightarrow$ 1240800 | ₹ 240800 (1240800 - 10,00,000) |
| 31.3.19 | 91% | $10000 \times 139 \times$ $91\% \Rightarrow$ ₹ 1264900 | ₹ 24100 |
| 31.3.20 | 85% | $10,000 \times 141$ $\times 85\%$ ₹ 1198500 | (66900) |

⇒ Since SARs vest immediately, they are recorded at fair value on grant date and re-measured subsequently (at fair value on every reporting date).

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Q6(a) Journal Entries :-

| 2.5 | 6aStep2 | Particulars | Dr (₹) | Cr (₹) |
|-----|---------|--|-----------|-----------|
| | | 1-04-2017 Employee benefit expense A/c ^{Dr} To SBP Liab A/c (Being SAR's granted) | 10,00,000 | 10,00,000 |
| | | 31-3-2018 Employee benefit expense A/c ^{Dr} To SBP Liab A/c (Being SAR's valued at FV on B/S date) 100 ₹ 132 | 240800 | 240800 |
| | | 31-3-2019 EBE A/c ^{Dr} To SBP Liab A/c (Being SAR's reversed at 9) | 24,100 | 24,100 |
| | | 31-3-2020 EBE A/c To SBP Liab A/c | | |
| | | 31-3-2020 SBP Liab A/c ^{Dr} To EBE A/c (Being SAR's valued at ₹ 141) | 66,400 | 66,400 |
| | | 31-3-2020 SBP Liab A/c ^{Dr} To Bank (Being option exercised) | 11,98,500 | 11,98,500 |

* Note :- Employee Benefit Expense A/c can be transferred to PL A/c every year.



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5 6b

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Q6(b)

As per Ind AS 12 'Income Taxes', the transactions would be given effect as under :-

- (i) Deferred tax Assets must be recognised only when there is certainty that taxable profits will be earned in future against which such DTA will be set-off.

DTA can be created on bought forward losses of S Ltd.

- 1 6bStep1 However, since Parent Ltd estimates that S Ltd will not make any taxable profits in future, [no DTA] will be created on loss of ₹ 20,00,000 incurred by S Ltd.

- (ii) Carrying value of loan in Books as per Ind AS 109 ⇒ $(₹ 50,00,000 - 1,00,000) \times 10\%$
on 31.3.2020 + 49,00,000

- 2 6bStep2 ⇒ 5390000
to Tax base of loan on 31.3.2020 ⇒ ₹ 50,00,000

∴ Deductible temporary difference ⇒ 390000

∴ DTA ⇒ ₹ 390000 × 20%
on 31.3.2020 = ₹ 78000

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Addl. Book No. 1

THE INSTITUTE OF CHARTERED ACCOUNTANTS OF INDIA
 ADDL. BOOK

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21 NOV 2020

Q 6(b)

As per Ind AS 109, effective interest rate is that rate at which PV of inflows equates PV of outflows. inflows net of exps

| | | | |
|------------------------|-----------|--|--|
| Initial Recognition => | € 4900000 | | |
| 6b Step 3 10% (y1) | 490000 | | |
| + 10% (y2) | 5390000 | | |
| + 10% (y3) | 539000 | | |
| Payment at end. | 5929000 | | |
| | 5859290 | | |
| | € 6521900 | | |

Since this equates the present value, the EIR of 10% is correct as per Ind AS 109.



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Code: FN1FR565894
Subject: FINANCIAL REPORTING

Total Marks: 100
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4 6c

2

Q 6(c)

As per provisions of CSR contained in Section 135 of Companies Act, 2013, the following companies are required to constitute a CSR committee ⇒

2 6cStep1

- Any company having -
- networth of $\geq ₹ 500$ Crs.
 - Turnover of $\geq ₹ 1000$ Crs.
 - Net Profit of $\geq ₹ 5$ Crs.

in the immediately preceding financial year must constitute a CSR committee.

- (i) Even though criteria not satisfied in current year, Ro must form CSR committee since profit in preceding FY $\geq ₹ 5$ Crs.

(ii) Any expenditure incurred by the company in the ordinary course of business or in nature of commercial activities is not considered as CSR expenditure?

2 6cStep2

This, commercial activities undertaken during pandemic cannot be accounted as CSR.

View of Accountant is incorrect.

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3

3

3 6d

1 6dStep1

AS per Ind AS 111 'Joint arrangements', every joint operator of a joint operation must recognise in its books

- assets and liabilities included share in assets/liabilities held jointly
- share in revenue and expenses of joint operation.

∴ It does not matter whether the joint operator has joint control over joint operation or not. The treatment is same for all joint operators.

1 6dStep2

In given case, M & N have joint control over Entity K. C Ltd. is a party to joint operation but does not have joint control.

1 6dStep4

In view of provisions given in Ind AS 111, the manner of accounting to be followed by M Ltd and N Ltd and C Ltd would be same.

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13.5 Q1

4



8 1a

Q 1(a)

The given case must be dealt with as per provisions of Ind AS 109 and Ind 'Financial Instruments'.

As per Ind AS 109, a financial asset must be initially recognised in books at fair value.

If the transaction is not on market terms, the cash flows must be discounted at market rate of interest and the balance must be recognised based its nature.

1 1aStep1

In the given case,

Housing loan is advanced to employees at 6% p.a. which is lower than market interest rate of 10% p.a.

∴ The fair value of loan can be computed as under :

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| Year | Principal | Interest | Total Cash Flow | P.F. @ | PV |
|------|-----------|----------|-----------------|--------|--------------------|
| 1 | 3,00,000 | 90,000 | 390,000 | 0.909 | 354,510 |
| 2 | 3,00,000 | 72,000 | 372,000 | 0.826 | 307,272 |
| 3 | 3,00,000 | 54,000 | 354,000 | 0.751 | 265,854 |
| 4 | 3,00,000 | 36,000 | 336,000 | 0.683 | 229,488 |
| 5 | 3,00,000 | 18,000 | 318,000 | 0.621 | 197,478 |
| | | | | | <u>₹ 13,54,602</u> |

2.5 1aStep2

Out of ₹ 15,00,000, only ₹ 13,54,602 must be recognised as loan and balance amount of ₹ 1,45,398 must be recognised as 'staff welfare expense' in the statement of it and IOR AIC.

1 1aStep3

Alternatively, it can also be recognised as asset and deferred over 5 years.



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2

Q1(a)

The loan amount of ₹ 13,54,602 would be recognised at amortised cost using market rate of 10%

1.5 1aStep5 ∴ The accounting treatment by accountant of recognising entire loan amount of ₹ 15,00,000 as loan and recognising interest of 6% p.a. is not in compliance with Ind AS 109.

(Initial recog)

∴ 1) Amount of Housing loan ⇒ ₹ 13,54,602
 2) Amount of Interest to be recognised for period ⇒ ₹ 1,35,460 (10% of ₹ 13,54,602)

3) Amount of ₹ 145,8 must be recognised in P/L A/c as 'Staff welfare expenses'

→ Amortisation of Housing loan:-

| 1aStep4 | Sl. No. | Op. bal | Int | Repayment | Closing bal |
|---------|---------|-----------|----------|-----------|-------------|
| | 1 | 13,54,602 | 1,35,460 | 3,90,000 | 11,00,062 |
| | 2 | 11,00,062 | 1,10,000 | 3,72,000 | 8,38,068 |



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3

Q1(a)

Balance Sheet Extract for Housing loan :-
as on 31.3.2021

| | |
|---------------------------|--------------------|
| <u>Non-Current Assets</u> | |
| <u>Financial Assets</u> | |
| Loan to employees | ₹38068 |
| <u>Current Assets</u> | |
| <u>Financial Assets</u> | 261994 |
| Loan to employees | (1100062 - 838068) |

1

1aStep6



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5.5 1b

Q1Cb)

As per Ind AS 33 'Earnings per share',

Basic EPS \Rightarrow $\frac{\text{Profit attributable to equity shareholders}}{\text{Weighted average no. of equity shares}}$

\Rightarrow $\frac{90,000}{16,000}$

1 1bStep1

$= \boxed{\text{₹ } 5.625 \text{ /share}}$

Diluted EPS :- $\frac{\text{Profit attributable to equity shareholders after considering dilutive earnings}}{\text{No. of shares after considering potential equity shares}}$

$= \frac{165,000 \text{ (WN)}}{56,150 \text{ (WN)}}$

$= \boxed{\text{₹ } 2.938 \text{ /share}}$

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21 NOV 2020

Q1CB

WN :- When there are multiple potential ordinary shares, they must be ranked on the basis of most dilutive to least dilutive on the basis of incremental earnings per share.

⇒ ∴ Calculation of Incremental Earnings per share :-

(i) Warrants / Options :-
 Bonus element in Options ⇒ $\frac{900 \times ₹ 75}{₹ 90}$
 ⇒ 750
 ∴ Bonus Shares Issuable ⇒ $900 - 750$
 = (150)

Incremental earnings ⇒ NIL
 ∴ Incremental EPS ⇒ (NIL)

(ii) Convertible Preference Shares :-



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Q1(c)²

Incremental earnings \Rightarrow $(7500 \text{ shares} \times ₹ 9) + 8\%$
 \Rightarrow ₹ 72900

Incremental Shares \Rightarrow $7500 \text{ shares} \times 2$
 \Rightarrow 15000 shares

\therefore Incremental EPS \Rightarrow $\frac{₹ 72900}{15000}$
 \Rightarrow ₹ 4.86

3 1bStep3

(iii) 10% Convertible Debentures:

Incremental earnings \Rightarrow $(10,00,000 \times 10\%) - 25\%$
 \Rightarrow ₹ 75000

Incremental Shares \Rightarrow $\frac{10,00,000 \times 4 \text{ sh}}{100}$
 \Rightarrow 40,000 shares

Incremental EPS \Rightarrow ₹ 1.875

\therefore Options \rightarrow Most Dilutive
 Convertible preference Shares \rightarrow Least Dilutive.

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3
Q1CB

Calculation of diluted earnings per share :-

| Particulars | Earnings | No of shares | EPS. |
|---|----------|--------------|--------------------------------|
| Basic EPS | 90,000 | 16,000 | 5.625 |
| (+) Dilution on options | | 150 | |
| | 90,000 | 16,150 | 5.573 <input type="checkbox"/> |
| (+) Dilution on convertible debentures | 75,000 | 40,000 | |
| | 165,000 | 56,150 | 2.938 <input type="checkbox"/> |
| (+) Dilution on convertible pref shares | 72,900 | 15,000 | |
| | 237,900 | 71,150 | 3.344 <input type="checkbox"/> |

1.5 1b Step 2 Since the maximum dilution is ₹ 2.938, the diluted EPS ⇒ ₹ 2.938




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4



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Subject : FINANCIAL REPORTING

Total Marks: 100
Marks Obtained : 86

Result Overview

Awarded Marks: **86**

Max Marks: 100

NA Not Attempted

○ Optional

■ Marked

Q1_Compulsory (Score: 13.5/20)

| Question No | Awarded Marks | Maximum Marks | Status |
|-------------|---------------|---------------|--------|
| Q1 | 13.5 | 20 | M |
| 1a | 8 | 12 | M |
| 1b | 5.5 | 8 | M |

Q2_Q6 (Score: 72.5/80)

| Question No | Awarded Marks | Maximum Marks | Status |
|-------------|---------------|---------------|--------|
| Q2 | 0 | 20 | O |
| 2a | 0 | 14 | O |
| 2b | 0 | 6 | O |
| Q3 | 18 | 20 | M |
| 3a | 6.5 | 8 | M |
| 3b | 7.5 | 8 | M |
| 3c | 4 | 4 | M |
| Q4 | 18.5 | 20 | M |
| 4a | 5.5 | 6 | M |
| 4b | 6 | 6 | M |
| 4c | 7 | 8 | M |
| Q5 | 19 | 20 | M |
| 5a | 5 | 6 | M |
| 5b | 8 | 8 | M |
| 5c | 6 | 6 | M |
| Q6 | 17 | 20 | M |
| 6a | 5 | 5 | M |

| | | | |
|----|---|---|---|
| 6b | 5 | 6 | M |
| 6c | 4 | 5 | M |
| 6d | 3 | 4 | M |

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