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The Institute of Chartered Accountants of India

Code: FN2AF303259
Subject : 02 Advanced Financial Management

Total Marks: 70
Marks Obtained : 66

GRAPH PAPER IS ON THE PENULTIMATE PAGE
Book No. 1 (containing 28 pages)

THE INSTITUTE OF CHARTERED ACCOUNTANTS OF INDIA
CA Final Sept - 2025 Examination

Group No. I Paper No. 2
Subject Advance Financial Management
Number of Answer Books used : Main + 1 additional sheets
Date Seal 6 SEP 2025

For use by ICAI only
303259

Paper Code
P
E
M
1

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Q	R	S	T	U	V	W	X	Y	Z	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z

MCQ Booklet Serial No. 1132949 Paper No. 2 Level of Exam Final

MCQ Booklet Serial No.	Paper No.	Foundation	Intermediate	Final
1	1			
2	1			
3	1			
4	1			
5	1			
6	1			
7	1			
8	1			
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23	1			
24	1			
25	1			
26	1			
27	1			
28	1			
29	1			
30	1			

MCQ Answers

1	A B C D	11	A B C D	21	A B C D
2	A B C D	12	A B C D	22	A B C D
3	A B C D	13	A B C D	23	A B C D
4	A B C D	14	A B C D	24	A B C D
5	A B C D	15	A B C D	25	A B C D
6	A B C D	16	A B C D	26	A B C D
7	A B C D	17	A B C D	27	A B C D
8	A B C D	18	A B C D	28	A B C D
9	A B C D	19	A B C D	29	A B C D
10	A B C D	20	A B C D	30	A B C D

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DATE

the cover

the OMR portion

appropriate space at the

and affix the same on box provided

number written in numbers, words and

ation wrongly, Institute will not take any

fresh page and question number prominently written at the

number should be distinctly written in the margin

be fully completed in one page or in a consecutive set of pages

than the space provided for the purpose of writing distinguishing mark

786", etc., will tantamount to adoption of "unfair means"

book to the invigilator take care to score out (X) blank pages, if any, that you

INSTRUCTIONS TO THE CANDIDATE FOR FILLING THE MCQ ANSWER FIELDS

1. Pencil to Darken the appropriate Circle.

2. Darken the correct MCQ Booklet Serial No. distinctly written in the margin.

3. If any candidate fills in this information wrongly, Institute will not take any responsibility for rectifying the mistake.

4. Please darken the complete circle.

5. If you want to change your Answer, erase the darkened circle completely and make a fresh mark.

6. Please do NOT make any stray marks on the OMR cover page.

7. Rough work must NOT be done on the OMR cover page.

8. Mark your answer only in the appropriate space against the number corresponding to the question.

How to mark answers

CORRECT METHOD **WRONG METHOD**

(A) ● (C) (D) ✗ ☹ ☹ ☹

Illustration for Filling the MCQ Booklet Serial No.

0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9

Q. No.	To be ticked <input checked="" type="checkbox"/> by the candidate against the Questions answered (Descriptive Type)
1	<input type="checkbox"/> 8 <input type="checkbox"/>
2	<input type="checkbox"/> 9 <input type="checkbox"/>
3	<input type="checkbox"/> 10 <input type="checkbox"/>
4	<input type="checkbox"/> 11 <input type="checkbox"/>
5	<input type="checkbox"/> 12 <input type="checkbox"/>
6	<input type="checkbox"/> 13 <input type="checkbox"/>
7	<input type="checkbox"/> 14 <input type="checkbox"/>
Total	Total

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03

(SI) (a)

(i) Cost of Equity = $R_b + \beta(R_m - R_b)$

$$= 7\% + 0.8(16 - 7)$$

$$= 7\% + 0.8(9)$$

$$= \underline{\underline{14.2\%}}$$

(ii) EPS

	₹
Gross Profit	1200000
- Indirect Expenses	(500000)
- Depreciation	(30000)
- Interest (200000 x 10%)	(20000)
= Profit before Tax	650000
(-) Tax (20%)	(130000)
Profit after Tax (PAT)	520000

$\therefore \text{EPS} = \frac{\text{PAT}}{\text{No of Shares}}$

$$= \frac{520000}{150000}$$

$$\approx 3.467$$

Round off $\underline{\underline{3.47}}$

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04

(iii) ~~Equity Value = EBITDA × 4~~

∴ EBITDA =
Gross Profit - Operating Expenses
= 1200000 - 500000
= 700000

∴ Equity Value
EBITDA × 4 = 700000 × 4 = 2800000
(+) Cash + Cash Equivalent = + 500000
(-) Debt 200000
3100000

per share = $\frac{3100000}{150000} = 20.67$

wrongly calculated

(iv) Enterprise Value =
Market Cap + Debt - Cash + Cash Equivalent
= (12 × 150000) + 200000 - 500000
= 1800000 + 200000 - 500000
= 1500000

✓

1aStep2 ✓ 2

1a ✓ 5

R ✓

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05

Q1) (b)

Invoice Amount = 855 Lakh Yen
Current & Equivalent = 500 Lakh

Current Exchange Rate : 1 ₹ = 1.71 Yen
10% Decline
Expected Rate : 1 ₹ = 1.539 Yen

(i) ∴ Expected loss

Current & Equivalent	= 500
Expected & Equivalent (3m)	= 555.556
$\left[\frac{855}{1.539 \text{ Yen}} \right]$	Loss (55.556) Loss = <u>55.556</u> <input checked="" type="checkbox"/>

(ii) If Forward Contract is used

Current & Equivalent	= 500
3m later & Equivalent	= 508.929
$\left[\frac{855}{1.68 \text{ Yen}} \right]$	Loss (8.929) Loss = <u>8.929</u> <input checked="" type="checkbox"/>

(iii) As seen above the expected loss is reduced from 55.556 to ~~8.929~~ 8.929 by using forward contract

∴ KK Ltd should use (ii) hedge by forward contract

1bStep1

✓

4

R

✓

1b

✓

4

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06

QD (C)

Steps of Business Succession Strategy

1. Identify the key leadership positions - The company should identify the key leadership positions which need to be succeeded for which they need to identify a suitable candidate
- ~~2. Map the competency~~
2. Map the competency required for the position:- The company should map the competencies required in the person who shall take the specified leadership position.
3. Identify the competency in the current workforce - The succession plan can involve a new leader from the current work force hence the company may choose an existing employee if he has the required competency
4. Bridge Leader - The bridge leader fills the gap between the current leader and the new successor if there is some delay in the succession eg: due to age of the successor

1cStep1 ✓ 4 ✓ 1c ✓ 1 ✓ 13 ✓ R ✓

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07
Q2) (a)

Existing Share Price as per dividend model

$$D_0 = 2.5 \quad K_e = R_f + \beta(R_m - R_f)$$

$$y = 4\% = 10\% + 1.3 \times 6\% = 17.8\%$$

$$P_0 = \frac{D_0}{K_e - y} = \frac{2.5}{17.8\% - 4\%} = \frac{2.5}{13.8\%} = 18.84$$

Revised Price

$$D_0 = 2.5 \quad K_e = 8\% + 1.2 \times 4\% = 12.8\%$$

$$y = 6\%$$

$$P_0 = \frac{D_0}{K_e - y} = \frac{2.5}{12.8\% - 6\%} = \frac{2.5}{6.8\%} = 38.97$$

The current share price is 45 even after the 0th revised factor the price ^{increases to} 38.97 from 18.84 he should ~~buy~~ HOLD the shares.

2aStep1 ✓ 4
2aStep2 ✗ 0
2a ✓ 4 ✗

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08

Q 2) (b)

Principle = 80 Crore
FRA rate = 7.3% p.a.
3 months = 1.825% $(\frac{7.3}{12} \times 3)$

He will borrow for 3 months after 6 months
= 6x9 FRA

(i) Actual Rate = 7.6% p.a.
3 months = 1.9% $(\frac{7.6}{12} \times 3)$

∴ ~~Settle~~ Settlement = $\frac{80 \text{ Crore}}{1.019} \times (1.825 - 1.9)\%$

= $\frac{600000}{1.019}$

= 588812.5613

Rounded = 588812.56 ✓

∴ The bank will pay BM & Co. 588812.56 ✓

R

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09

Q 2) (b)

(ii) Actual Rate = 6.8%
3 month = ~~1.700%~~ $((6.8/12) \times 3)$

\therefore Settlement = $\frac{80 \text{ Crore} \times (1.825 - 1.7)}{1.017}$

$= \frac{1000000}{1.017}$

$= 983284.16691$

Round off = 983284.17

BM4 Co will pay to bank = ₹ 983284.17

2bStep1 4

R

2b 4

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Q2) (c) ¹⁰

Key Points to make a company financially sustainable :-

1. Have a good public image
2. Be clear about its value (Value Clarity)
3. Have adequate financial systems
4. Have financial autonomy
5. Have more than one source of Income
6. Have more than one way of generating Income

2cStep1



4

R



2c



4

2



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Q3) (a)

DO NOT WRITE ANYTHING HERE	<p>Initial outflow on redemption</p> <p style="text-align: right;">₹ (In Lakh)</p> <p>Details</p> <p>= Premium paid on redemption = 30 (600 Lakh x 5%)</p> <p>(-) Tax benefit on above = (6) (30 x 20%)</p> <p>+ Issue Cost of 10% Debenture = 10</p> <p style="text-align: right;">Total Cost = 34 Lakh</p>
DO NOT WRITE ANYTHING HERE	<p>Cost Saving in future</p> <p style="text-align: right;">₹ (Lakh)</p> <p>Details</p> <p>Interest Saving = 12 (600 x 2%)</p> <p>(-) Tax on Interest = (2.4) (12 x 20%)</p> <p>(+) Tax saving on Issue Cost = 0.4 (10 x 20%)</p>
DO NOT WRITE ANYTHING HERE	<p style="text-align: right;">10</p> <p>∴ Benefit from the Redemption</p> <p>= Initial Cost Saving - (10 x 3.79%) = 37.9 Lakh</p> <p style="text-align: right;">Benefit = 3.9 Lakh</p>

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12

Since the Present Value of Net Saving is 3.9 Lakh which is positive the Company should Redem the ga ahead with redemption decisions.

3a



3

R



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13

Q3(b)

Option I : pay 1.5 & 1.2 as dividend & Capital gain

Opening NAV = 17.5
Closing NAV = 18.9
Gain = 1.4

∴ Total Return = 1.4 + 1.2 + 1.5 = 4.1

∴ Holding period Return = $\frac{4.1}{17.5} \times 100$
= 23.43% ✓

Option II : Reinvest at 17.3

∴ ~~Cost~~ = (1.5 + 1.2) × 1000 = 2700

Units reinvested = $\frac{2700}{17.3} = \underline{156.07}$

∴ Return = (156.07 × 18.9) - (1000 × 17.5)
= 21847.723 - 17500
= 4347.72

R

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$$\text{Holding Period Return \%} = \frac{4349.72}{17500} \times 100$$

$$= 24.86\%$$

3bStep1



4

Since return is higher in Option II

Option - II is preferable.

R



3b



4

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Q3 (c)

Risk associated with use of Block chain:-

1. There are ~~various~~ various risk associated with blockchain and every company who has a ~~different~~ different risk appetite which can lead to a conflict in monitoring the control around the risk of use of Block chain
2. Reliability of transaction depends on the underlying technology if the underlying technology has been tampered with it can lead to the integrity and reliability of transactions being tampered.
3. Lack of Centralized authority - The lack of a centralized authority to oversee and ~~control~~ overlook the transactions leads to a risk
4. There is ~~huge~~ humongous data being processed which can lead to a risk of information overload if the company unable to process the information accurately.
5. All transactions are irreversible.

3cStep1 ✓ 4 ✓ 3c ✓ 3 ✓ 11 ✓ R ✓

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Q4) (a)

(i) Systematic Risk = $\beta^2 \times \text{variance of market}$

TC Limited
 $= 0.8^2 \times 2.1$
Systematic Risk = 1.344 ✓

Unsystematic risk = Variance - Systematic Risk
 $= 5.8 - 1.344$
 $= \underline{4.456}$ ✓

PC Limited
Systematic Risk = $0.7^2 \times 2.1$
 $= \underline{1.029}$ ✓

Unsystematic Risk = $4.8 - 1.029$
 $= \underline{3.771}$ ✓

4aStep1 ✓ 2 ✓

(ii) Portfolio Risk
 $\therefore \text{Portfolio beta} = (0.5 \times 0.8) + (0.5 \times 0.7)$
 $= 0.75$

Systematic Risk = $0.75^2 \times 2.1$
 $= 1.181$

Unsystematic Risk of Portfolio = $(\text{weight of TC})^2 \times \text{Unsystematic Risk of TC} + (\text{weight of PC})^2 \times \text{Unsystematic Risk of PC}$

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$$= 0.5^2 \times 4.456 + 0.5^2 \times 3.771$$

$$= \underline{2.057}$$

Variance = Systematic Risk + Unsystematic Risk

$$= 1.181 + 2.057$$

$$= \boxed{3.238}$$

4aStep2 2

(iii) If proportion is changed to
 60% for TCMH & 40% for PC Ltd then
Unsystematic Risk = $0.6^2 \times 4.456 + 0.4^2 \times 3.771$

$$= 1.604 + 0.603$$

$$= \underline{2.207}$$

\therefore Variance Syst Portfolio beta = $0.6 \times 0.8 + 0.4 \times 0.7$

$$= 0.76$$

\therefore Systematic Risk = $0.76^2 \times 2.1$

$$= \underline{1.213}$$

\therefore Total Variance = $1.213 + 2.207$

$$= \underline{3.420}$$

NO it is not favourable since the risk (variance) has increased.

4aStep3 2

and return also fell from 15% to 14.4%.

4a 6 R

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Q4) (b)

WN-1

Details

Calculation of NIFTY future

Buy share (5000 x 50 x 1.5) = ₹ 375000

Sell share Q Ltd (2500 x 80 x 2) = ₹ 400000
(25000)

Since his overall position is short he will buy $\left[\frac{25000}{1000} \right]$ 25 future of NIFTY

∴ Cash Position:

Details	Amt	Qty	₹
Buy P Ltd	5000 x 50		250000
Sell Q Ltd	2500 x 80		(200000)
Buy NIFTY	1000 x 25		25000
			<u>75000</u>

Next Day

Details	Amt	Qty	₹
Sell Buy P Ltd	5000		
Buy Q Ltd	2500		
Sell NIFTY	1000		

R

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Next Day Position closed		
Details		₹
Sell P Ltd	5000 x 49	245000
Buy Q Ltd	2500 x 84	(210000)
Sell NIFTY	25 x 975	24375
		<u>59375</u>

Loss = 75000 - 59375
 = 15625

His overall loss = 15625

4bStep1 ✓ 4

4b ✓ 4

R

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Q4) (c)

Parameter to identify Currency Risk:-

1. Government Action - Any policy or action taken by the government affects the currency appreciation or depreciation.
2. Change in Government - A change in the government can cause appreciation or depreciation in currency due to confidence and policy.
3. War - A war can cause the currency to depreciate due to downgrading of the business and other ~~uncertain~~ uncertain.
4. Natural Calamity, Coup etc - A natural calamity can depreciate the currency value as the industry and GDP will be affected.
5. Nominal Interest Rate - A country with higher interest rates will have its currency depreciated against country with lower interest rate. ~~due to~~
6. Inflation Rate - Due to purchasing power parity the country with high inflation rate will have a depreciation in currency.

4cStep1



4

4c



4



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Q3 (a)

Year	Working	₹	NC
0		₹ 1 = 1.6	
1	$\left[\frac{1.6 \times 1.08}{1.06} \right]$	₹ 1 = 1.630	✓
2	$\left[\frac{1.63 \times 1.08}{1.06} \right]$	₹ 1 = 1.661	✓
3	$\left[\frac{1.661 \times 1.08}{1.06} \right]$	₹ 1 = 1.6	It should be -46.875

[Assuming CF is nominal]

Year	NC	INR (₹) Exchange Rate (WN-1)	Value of Cash flow (Million) ₹
0	75	1.6	46.875 ✗
1	7.8	1.630	4.785 ✓
2	11.4	1.661	6.863 ✓
3	12.3	1.692	7.270 ✓

Present Value of future Cash flow.

Year	Amount NC in (₹)	(₹)	Rate

5aStep1 ✓

2 ✓

R ✓

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NPV Calculation (Assume Cash flows are Nominal)

Year	(Year 0) NC cashflow	₹ cashflow	Total	P.V.F	Total
0	(46.875)	-	(46.875)	1	(46.875)
1	7.8	8.607	13.892	0.926	12.401
2	8.3	12.6	19.463	0.857	16.680
3	7.27	13.8	21.07	0.794	16.730
					<u>-1.064</u>

5aStep2 ✓ Since NPV is negative project should not be accepted.

5aStep3 ✓ In the above solution it is assumed that cashflow is nominal.

Assumption 2: If it is assumed that cashflow is real then the solution will be as follows:-

WN-3 Nominal Cashflow of NC

Year	Amount		Future Value Factor	Amount
0	(75)		1	(75)
1	7.8	x	1.08	= 8.424
2	11.4	x	(1.08) ²	= 13.297
3	12.3	x	(1.08) ³	= 15.494

WN-4 NC to ₹ in INR

Year	NC Amt	Rate	₹
0	75	1.6	46.875

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		(WN-4)		Amt
1	7.8 8.424	1.63		5.168
2	12.4 13.297	1.661		8.005
3	12 13.494	1.692		9.157

WN-5 - ₹ Cashflow in Nominal			
Year	Amt	Rate	Amt
1	8.607	1.06	9.123
2	12.6	$(1.06)^2$	14.157
3	13.8	$(1.06)^3$	16.436

NPV Calculation (Assume Cashflow are real)					
Year	(NC) ⁹	₹(WN-5)	Total	PVF	Total
0	(46.875)	0	(46.875)	1	(46.875)
1	5.168	9.123	14.291	0.926	13.233
2	8.005	14.157	22.162	0.857	18.993
3	9.157	16.436	25.593	0.794	20.321
					5.672

Since NPV is positive project should be accepted.

∴ In this answer we assumed cashflow gives in question are real so we adjusted them as per inflation factor.

5a
✓
6

R
✓

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Q5) (b)

(i) NPV at year end = 25.

∴ If NPV has increased by 13.6%
= 100 + 13.6% = 113.6%

$$\begin{aligned} \therefore \text{Initial NPV} &= \frac{\text{Closing NPV}}{1.136} \\ &= \frac{25}{1.136} \end{aligned}$$

Opening NPV = 22

∴ Let unit purchased = x

$$x + \frac{x \times 5}{25} = 15000$$

$$1.2x = 15000$$

$$x = \frac{15000}{1.2}$$

$$= 12500 \text{ units}$$

(ii) As calculated above the NPV per unit on date of investment = 22.

$$\begin{aligned} \text{Total Investment} &= \text{Unit} \times [\text{NPV} + \text{Entry load}] \\ &= 12500 \times [22 + 0.05] \\ &= 275625 \end{aligned}$$

5bStep1



3

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25

(ii) Return = $\frac{\text{Closing Unit} \times \text{NPV (End)}}{\text{Redem Amt}}$

$$\text{Redem Amt} = \text{closing Unit} \times [\text{NPV (End)} - \text{Exit Cost}]$$

$$= 15000 \times [25 - (1.1 \times 25)]$$

$$= 371250$$

Tax Paid = $371250 - 275625$

$$= 95625 \times 20\%$$

$$= 19125$$

Remitted Amt

$$\text{Actual Return} = 371250 - 19125$$

$$= 352125$$

Return % = $\frac{352125 - 275625}{275625}$

$$= \frac{76500}{275625} = 27.76\%$$

Real Return = $27.76 - 4.5\%$

$$= 23.26\%$$

5bStep2 ✓ 4

5b ✓ 7

5 ✓ 13

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Q6. (a)

$$\begin{aligned} \text{Required Return} &= 8.6 \times 20\% + 11 \times 30\% + 13 \times 50\% \\ &= 1.72 + 3.3 + 6.5 \\ &= 8.92\% = 11.52\% \end{aligned}$$

(1) $FCFF = 125 \text{ Million}$

$$y = 8\%$$

$$\begin{aligned} \text{Value of firm} &= \frac{FCFF + y}{K_e - y} \\ &= \frac{125 \times 1.08}{(8.92 - 8)\%} = \frac{125 \times 1.08}{(11.52 - 8)\%} \end{aligned}$$

Required Return :-

$$\text{Debt} = 8.6 \times (1 - 0.3) \times 0.2 = 1.204$$

$$\text{Pref. stock} = 11 \times 0.3 = 3.3$$

$$\text{Com. stock} = 13 \times 0.5 = 6.5$$

$$\underline{11.52\%} \quad \checkmark$$

$$\therefore \text{Value of firm} = \frac{FCFF + y}{K_e - y}$$

$$= \frac{125 \times 1.08}{(11.52 - 8)\%}$$

$$= \underline{4500} \quad \checkmark$$

6aStep1



2

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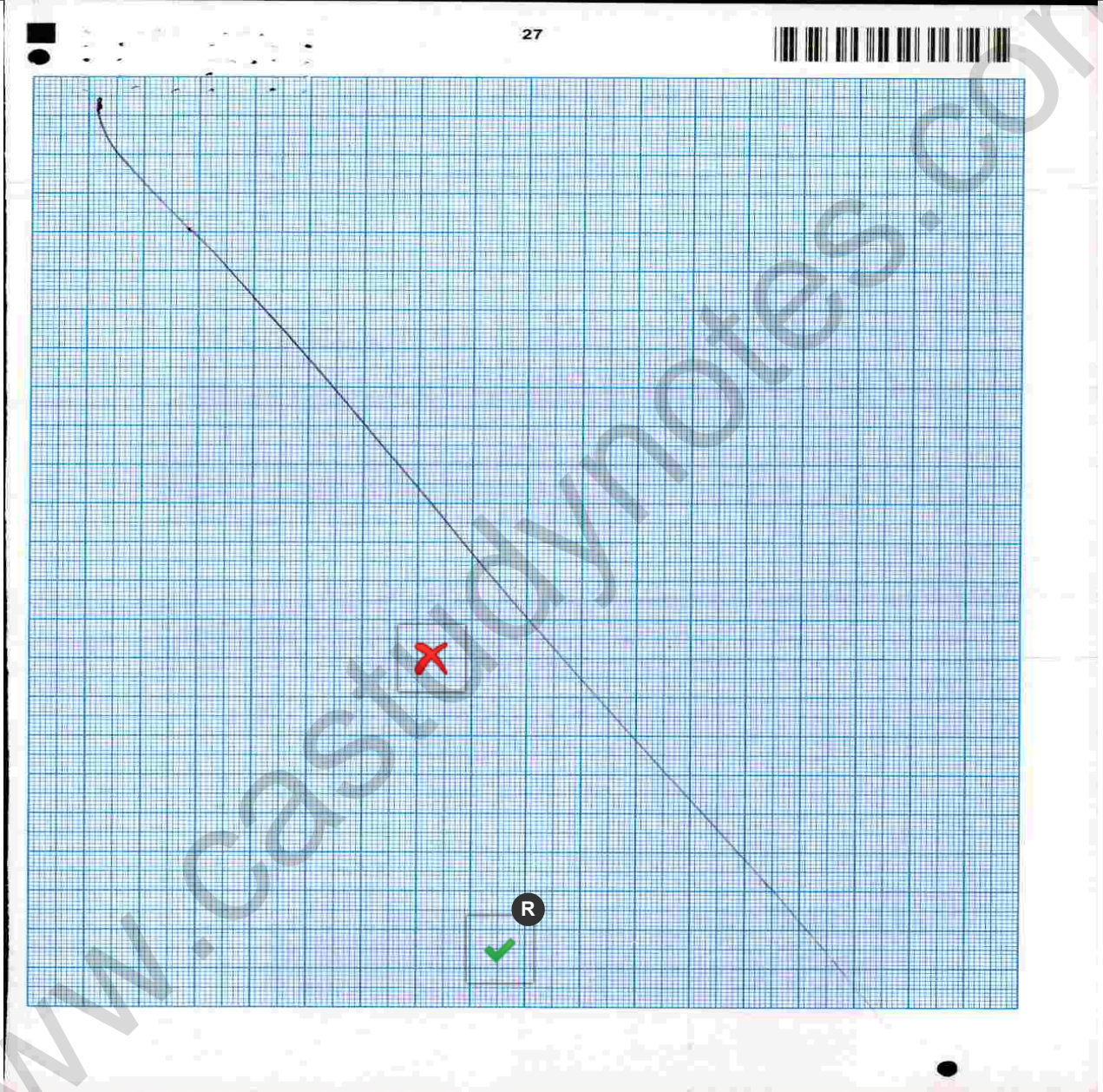
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Competency

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6 SEP 2025
Q 6) (a)

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Value of Equity = Value of firm - Debt - Pref. stock
 $= 4500 - 275 - 120$
 $= ₹ 4105 \text{ Million}$ ✓

Per share Value = $\frac{4105}{20}$
 $= 205.25 \text{ per share}$ ✓

(i) ∴ Since share is available at 192.5 and value is 205.25 it is undervalued.
 6aStep2 ✓ 3 ∴ Roni should BUY the share. ✓

(ii) $K_e \text{ of Equity} = 13$
 $y = 8.5$
 Value = 4105

∴ $4105 = \frac{FCFF \times 1.085}{(13 - 8.5)\%}$

6a ✓ 7 $4105 \times 9.5\% = FCFF \times 1.085$
 $FCFF = \frac{184.725}{1.085}$
 6aStep3 ✓ 2 $= 170.25 \text{ Million}$ ✓

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36) (b) 2

Alternative: I

Borrow present value of 750000

$$= \frac{750000}{1.045}$$

$$= 7171033 \$$$

Convert into £ @ 1* = \$1.3288

$$= \frac{7171033}{1.3288}$$

$$= 5401139 £$$

Invest in UK @ 5%.

$$\therefore 5401139 \times 1.05$$

6bStep1 4

$$= 5671196 £$$

Total Receipt in Alternative I

$$= \boxed{£5671196}$$

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Alternative II: Forward Contract

Forward Rate:
1 £ = \$ 1.3128

$\therefore \frac{7500000}{1.3128} = \cancel{5712980}$
\$ 5,712,980

Total Receipt in Alternative II ^R

= 5,712,980

6b Step 2 3

Since Receipt is more in Alternative II
we should choose Alternative II
which is forward Contract

^R

6b 7

6 14

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Total Marks: 70
Marks Obtained : 66

Result Overview

Awarded Marks: 66

Max Marks:70

NA Not Attempted

O Optional

M Marked

Q1_Compulsory (Score: 13/14)

Question No	Awarded Marks	Maximum Marks	Status
1	13	14	M
1a	5	6	M
1b	4	4	M
1c	4	4	M

Q2_Q6 (Score: 53/56)

Question No	Awarded Marks	Maximum Marks	Status
2	12	14	M
2a	4	6	M
2b	4	4	M
2c	4	4	M
3	11	14	O
3a	3	6	O
3b	4	4	O
3c	4	4	O
4	14	14	M
4a	6	6	M
4b	4	4	M
4c	4	4	M
5	13	14	M
5a	6	7	M
5b	7	7	M
6	14	14	M
6a	7	7	M
6b	7	7	M

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