



VIKRAMA SIMHAPURI UNIVERSITY::NELLORE

Common Framework of CBCS for Colleges in Andhra Pradesh
(A.P. State of Council of Higher Education)

B.Sc. Accountancy Core Syllabus under CBCS

(with effect from the Academic Year 2020-21)

Course Structure

Structure of B.Sc. Accountancy Core Syllabus under CBCS

Sem	Paper	Title of course	Credits	Hrs	Marks		
					Int	Univ	Total
I	I	Fundamentals of Accounting	4	4	25	75	100
		Practical-I	1	2	0	50	50
II	II	Financial Accounting	4	4	25	75	100
		Practical-II	1	2	0	50	50
III	III	Statistical Methods and their Applications	4	4	25	75	100
		Practical-III	1	2	0	50	50
IV	IV	Advanced Corporate Accounting	4	4	25	75	100
		Practical-IV	1	2	0	50	50
IV	V	Cost and Management Accounting	4	4	25	75	100
		Practical-V	1	2	0	50	50

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I-B.Sc. Accountancy Syllabus
(Choice-Based Credit System - W.E.F. 2020-21
SEMESTER - I

COURSE-I : FUNDAMENTALS OF ACCOUNTING

Credits: 4

Max. Marks: 100

External: 75

Internal: 25

UNIT-I – INTRODUCTION TO ACCOUNTING

Need for Accounting – Definition – Objectives, Advantages – Book keeping and Accounting– Accounting concepts and conventions - Accounting Cycle -Accounting equation - Classification of Accounts and its rules – Double entry book keeping – Journalizing – Posting to ledgers, Balancing of ledger accounts- problems.

UNIT –II – SUBSIDIARY BOOKS

Types of Subsidiary Books -Cash Book, Three columns Cash Book- Petty cash Book -Problems.

UNIT-III- BANK RECONCILIATION STATEMENT

Need for bank reconciliation - Reasons for difference between Cash Book and Pass Book Balances - Preparation of Bank Reconciliation Statement- Problems on both favorable and unfavorable balances.

UNIT-IV – TRIAL BALANCE & RECTIFICATION OF ERRORS

Preparation of Trial Balance –Types of errors – Rectification of Errors suspense Account- Problems.

UNIT -V - FINAL ACCOUNTS:

Final Accounts – Preparation of Trading account, Profit and Loss Account and Balance Sheet.

TEXT BOOKS :

1. Accountancy –I, S.P. Jain & K.L Narang, Kalayani Publishers.
2. T.S.Reddy & A.Murthy , Financial Accounting , Margham Publications .

REFERENCE BOOKS :

1. Principles and Practice of Accounting, R L Gupta & V. K Gupta, Sulthan Chand & sons.
2. Accountancy – I, Tulasian , Tata Mcgraw Hill Co.
3. Financial Accounting , Dr. V.K.Goyal, Excel Books.
4. K. Arunjothi, Fundamentals of Accounting, Maruthi Publications.
5. Swayam App online information (Unit wise) Commerce subject codes : 224, 215, 214, 319, 318, 320, 216, 225, 331, 321.
6. Co-curricular activities (Seminars, Quiz, Assignments, Group Discussion, Project work, NCC, NSS).
7. Work load details (4+1+1) 4-Theory, 1-Practical, 1-Co-curricular Activities.

Instruction to Paper Setter :

Two questions must be given from each unit in Section-A and Section-B

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VIKRAMA SIMHAPURI UNIVERSITY :: NELLORE.
THREE YEAR B.Sc (MACS) DEGREE EXAMINATION
FIRST YEAR EXAMINATION
SEMESTER - I : FUNDAMENTALS OF ACCOUNTING
MODEL PAPER

Time: 3 Hours

Max. Marks : 75

PART-A

Answer any FIVE of the following Questions

(5 X 3 = 15 Marks)

- | | |
|------------------------------------------------------|--------|
| 1. From the following particulars prepare Raju's A/c | Rs. |
| 1-1-2014 Amount due from Raju | 8,000 |
| 5-1-2014 Sold goods to Raju | 14,000 |
| 8-1-2014 Purchased goods from Raju | 5,000 |
| 14-1-2014 Cash received from Raju | 6,000 |
| 24-1-2014 Cash paid to Raju | 4,000 |
| 31-1-2014 Raju's A/c settled by cheque | |

2. What are the rules relating to different types of accounts?
3. A trader maintains Petty cash book under imprest system. Record the following Transactions in his Petty Cash Book:

2014		Rs.
Sep. 1	Received for Petty payments	500
2	Postage	40
5	Stationery	25
8	Advertising	50
12	Wages paid	20
16	Carriage	15
20	Conveyance	22
30	Postage	50

4. Explain Different type of Subsidiary Books?
5. From the following particulars prepare bank Reconciliation statement as on 30.04.2010
- a) Bank Balance as per Pass book Rs 12000.
 - b) Cheques deposited but not collected Rs.2000
 - c) Cheques issued but not presented Rs 1500
 - d) Bank Charges appeared in Passbook Rs 200
6. What are the causes for the difference in cash book and pass book balance?
7. From the following particulars Prepare Trial Balance.

Cash	4000	Plant	30000
Capital	25000	Bank Loan	6000
Stock	5000	Sales	10000
O/S Expenses	1000	Reserve	3000
Drawing	3000	O/S Income	4000
Purchase Returns	1000	Creditors	15000
Purchases	15000		

8. What are the errors disclosed by trial balance?
9. From the following particulars prepare Profit and Loss Account for the year ending 31-3-2005.
 Salaries and Wages – Rs. 10,000 ; Rent and Taxes – Rs. 15,000 ; Bad debts – Rs. 5,000;
 Depreciation – Rs. 6,000, Discount allowed - Rs. 4,000 ; Gross Profit – Rs. 80,000.
10. Explain the difference between revenue expenditure and capital expenditure.

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PART-B

Answer any **FIVE** questions. All questions carry equal marks. 5 X 12 = 60M

11. Classify the following into Personal, Real and Nominal Accounts

- (a) Capital (b) Rent recovered (c) Accrued Interest
(d) Discount (e) Bad debts (f) Carriage (g) goodwill
(h) Premises (i) Investments (j) Work-in-Progress.

12. Journalise the following transactions.

- (a) Rao starts business with Rs.10,000 cash and a building worth Rs.50,000
(b) Purchased goods worth Rs.20,000 out of which goods worth Rs.12,000 was on credit from Shyam.
(c) Sold goods on credit worth Rs.16,000 to Ram.
(d) Received Rs.15,600 from Ram in full settlement of his account.
(e) Paid Rs.11,800 to Shyam in full settlement of Rs.12,000 due to him.
(f) Paid wages Rs.500 and salaries Rs.2,000

13. Enter the following transactions in suitable subsidiary books.

	Rs.
Jan.1 Purchased goods from Rekha	7,500
4 Sold goods to Midhum	8,000
5 Returned goods to Rekha	500
6 Sridevi bought goods from us	4,000
8 Received goods returned by Midhun	400
10 Rajesh sold goods to us	4,000
15 Sold goods to Kishore	3,000
16 Returned goods to Rajesh	600
20 Kishore returns goods	500

14. Enter the following transactions in a three column cash book.

2015		Rs.
January 1	Started business with cash	40,000
2	Opened savings bank account with Vijaya Bank	16,000
5	Bought goods by cheque	350
6	Received cheque from Suhas	400
	Allowed him discount	20
8	Sold goods for cash	80
10	Paid into bank – Cash	60
	Cheque	400
14	Paid Sateesh by cheque	690
	Discount received	10
17	Paid Carriage	300
20	Drew from bank for office	400
31	Paid Salaries by cheque	200

15. From the following particulars prepare Bank Reconciliation Statement.

- (a) Debit balance as per cash book is Rs. 10,000.
(b) Cheques issued but not presented for payments Rs. 1,500.
(c) Cheques paid into bank but not credited Rs. 1,000.
(d) Interest credited in pass book only Rs. 100.
(e) Cheques received, entered in cash book but omitted to send to bank Rs. 500.
(f) Bills collected and credited in pass book only Rs. 2,000.

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16. From the following transactions prepare bank reconciliation statement as on 30.04.2010

- a) Overdraft balance as per pass book Rs. 20,000
- b) On 24th April Cheques worth Rs. 8000 were issued of which cheques worth Rs 5000 were presented for payment.
- c) On 29th April Cheques worth Rs. 10000 were Deposited with the bank of which cheques worth Rs 8000 were only collected.
- d) Interest on Investments Rs. 2000 was collected by bank which was appeared in passbook
- e) Bank Charges Rs 200 and interest on overdraft Rs 150 were debited in pass book.

17. The following trial balance was prepared by a clerk appointed newly by Rao & Company. Some errors were found in the Trial Balance due to lack of experience in preparing accounts. Prepare Trial Balance by rectifying these mistakes.

S.No	Particulars	Debit Rs.	Credit Rs.
1.	Opening Stock	5,000	
2.	Capital		60,000
3.	Discount allowed		500
4.	Discount received		700
5.	Fixed Assets		60,000
6.	Sales	85,000	
7.	Purchases		45,000
8.	Purchase returns		1,000
9.	Sales returns	2,000	
10.	Carriage inwards		600
11.	Carriage outwards		700
12.	Wages, Salaries	25,000	
13.	Bills receivable	7,000	
14.	Debtors	9,000	
15.	Bills Payable		7,000
16.	Rent	3,000	
17.	Interest Paid		2,000
18.	Cash	800	
19.	Creditors	6,900	
20.	Closing Stock	33,800	
		1,77,500	1,77,500

18. Rectify the following errors by using Suspense account.

- a. Sales Day book was overcast by Rs. 100.
- b. A sale of Rs. 50 to X was wrongly debited to Y account.
- c. General expenses Rs. 180 was posted in the account as Rs. 810.
- d. A bill receivable for Rs. 155 was written in bills payable book. The bill was given by P.
- e. Legal expenses Rs. 119 paid to James was debited to his personal account.
- f. Cash received from C. Dass was debited to G. Dass Rs. 150.
- g. While carrying forward the total of one page of purchases book to the next, the amount of Rs. 1,235 was written as Rs. 1,325.

Show Suspense a/c and Journal Entries.

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19. The following are the figures extracted from the Books of Krishna Murthy on 30-09-2006 ;
Prepare Final Accounts :

<i>Debit</i>	<i>Credit</i>	
<i>Rs.</i>	<i>Rs.</i>	<i>Rs.</i>
Capital		50,000
Plant & Machinery	20,000	
Furniture	11,500	
Sundry Debtors & Creditors	15,000	20,000
Bills Receivable & Payable	10,000	5,000
Opening Stock	20,000	
Purchases & Sales	60,000	90,000
Depreciation	1,200	
Outstanding Salaries		800
Salaries	10,000	
Wages	22,000	
Insurance	1,000	
Prepaid Insurance	100	
Carriage	400	
10% Loan		<u>5,400</u>
Total	<u>1,71,200</u>	<u>1,71,200</u>

Adjustments :

- (a) Write off Rs. 1,000 as Bad Debts and provide 5% on debtors for bad debts.
(b) Closing Stock was valued at Rs. 40,000. (c) Allow 10% Interest on Capital.

20. On 31st March 2007, the following figures are extracted from the Books of Ranga Rao. Prepare final accounts for the year after taking into account the following adjustments :

- (a) Depreciation 5% off plant and 10% on fixtures.
(b) Provide for a March rent unpaid Rs. 150.
(c) Provide for Reserve for Bad Debts $2\frac{1}{2}$ % on Debtors.
(d) Outstanding wages Rs. 800 and salaries Rs. 350
(e) Stock on 31st March, 2007 Rs. 16,580 and
(f) Insurance unexpired on 31-3-2007 Rs. 70.

<i>Rs.</i>	<i>Rs.</i>
Plant	55,000
Fixtures	1,720
Capital	93,230
Factory Fuel & Power	542
Office Salaries	3,745
Lighting (Factory)	392
Sales	1,26,177
Travelling Expenses	925
Carriage Outwards	960
Discount	422
Drawings	6,820
Stock	21,725
Mfg. Expenses	2,680
Insurance	570
Cash at Bank	2,245
Cash in Hand	68
S. Debtors	47,800
S. Creditors	22,680
Purchases	83,290
Wages	9,915
Rent and Taxes	1,765
Office Expenses	2,778
Carriage Inwards	897
Return Outwards	3,172
Bills Payable	6,422
Commission	260
Return Inwards	7,422
Insurance Prepaid	100

Instruction to Paper Setter:

Two questions must be given from each unit in Part-A and Part-B

I-B.Sc. Accountancy Syllabus
(Choice-Based Credit System - W.E.F. 2020-21)
SEMESTER - II

COURSE II : FINANCIAL ACCOUNTING

Credits: 4

Max. Marks: 100

External: 75

Internal: 25

Unit-I : Bills of Exchange

Meaning of Bill –Features of bill – Parties in the Bill – Discounting of Bill – Renewal of Bill – Entries in the books of Drawer and Drawee. Problems

Unit-II : Consignment Accounts :

Consignment – Features – Account sales – Delcredere Commission – Valuation of Closing Stock – Proforma invoice Price – Normal and abnormal Loss – Differences between consignment and sale.

Unit-III : Single entry system:

Single entry system (statement of affairs method only) – feature of single entry system – defects of single entry system – opening statement of affairs – closing statement of affairs – calculation of Net Profit.

Unit-IV : Depreciation :

Depreciation – Meaning – Causes – accounting treatment – methods of providing depreciation – straight line method - diminishing Balance Method – Annuity Method – only – simple problems.

Unit-V : Provisions and Reserves :

Provision for bad debts account – Bad debts accounts - Provision for discount on Debtors and Creditors – Treatment in balance sheet – provision for repairs and renewals account.

Text Books :

1. Accountancy –I, S.P. Jain & K.L Narang, Kalayani Publishers.
2. T.S.Reddy & A.Murthy , Financial Accounting , Margham Publications .

REFERENCE BOOKS :

1. Principles and Practice of Accounting, R L Gupta & V. K Gupta, Sulthan Chand & sons.
2. Accountancy – I, Tulasian , Tata Mcgraw Hill Co.
3. Financial Accounting , Dr. V.K.Goyal, Excel Books.
4. K. Arunjothi, Fundamentals of Accounting, Maruthi Publications.
5. Swayam App online information (Unit wise) Commerce subject codes : 224, 215, 214, 319, 318, 320, 216, 225, 331, 321.
6. Co-curricular activities (Seminars, Quiz, Assignments, Group Discussion, Project work, NCC, NSS).
7. Work load details (4+1+1) 4-Theory, 1-Practical, 1-Co-curricular Activities.

Instruction to Paper Setter :

Two questions must be given from each unit in Part-A and Part-B

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VIKRAMA SIMHAPURI UNIVERSITY::NELLORE
CBCS - I-B.Sc (MACS) SEMESTER-II
FINANCIAL OF ACCOUNTING - II
MODEL QUESTION PAPER

Time: 3 Hours

Max. Marks : 75

PART - A

Answer any FIVE of the following Questions :

(5 X 3 = 15 Marks)

1. On 1st April 2010 Mr. Ramesh sold goods worth Rs 5000/- to Suresh and drew a four months bill and got his acceptance. On 1st May Ramesh Discounted the bill with bank at 12% per annum. On the due date the bill was honored and write journal entries in the books of Ramesh.
2. Noting Charges
3. From the Following Particulars prepare Account Sales.
Sales - Rs. 2,00,000 ; Expanses paid by consignee ; Commission 5% on sales, advance paid Rs. 70,000.
4. Explain the Difference between consignment and sale.
5. Find out the profit from the following data :
Capital at the beginning of the year Rs .60000/-
Drawings during the year Rs .7500/-
Capital at the end of the year Rs.67500/-
Additional capital introduced during the year Rs.3750/-
6. Distinguish between single entry system and double entry system.
7. From the following Particulars find the amount of depreciation.
On 1-1-2005 a Machinery was purchased for Rs. 90,000 and Erection charges Rs. 10,000. The Estimated Scrap value after 10 years was Rs. 20,000.
8. Write the causes for Depreciation.
9. On 1-1-2005 Provision for Bad debts showed a balance of Rs. 5,000. During the year Bad debts were Rs. 8,000. 31-12-2005 Debtors Amount to Rs. 2,00,000. Provide Reserve for bad debts at 5%. Prepare Bad debts account and Reserve for Bad debts Account.
10. Explain the Difference between Provision and Reserve.

PART - B

Answer any FIVE of the following Questions :

(5 X 12 = 60 Marks)

11. On 1st January 2015 Venkatesh sold goods worth Rs.5,000 to Nagarjuna and drew a bill on Nagarjuna for 3 months for the same amount. Nagarjuna accepted the bill and returned it to Venkatesh. On 1st February 2015, Venkatesh endorsed the bill in favour of his creditor Prabhakar in settlement of his debt. The bill was honoured on due date. Pass the necessary journal entries in the books of Venkatesh, Nagarjuna and Prabhakar.

12. Narayana purchased goods for Rs.15,000 from Ravindra on 1st March 2015. Ravindra drew upon Narayana a bill of exchange for the same amount payable after two months. The bill was immediately discounted by Ravindra with his bank @ 6% p.a. On the due date the bill was dishonoured and Bank paid Rs.100 as noting charges. Pass the necessary journal entries in the books of Ravindra and Narayana.

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13. Ramana consigned goods worth Rs. 50,000 to Murthy invoicing the same at Rs. 60,000. He has incurred Rs. 10,000 as expenses and drawn a bill on Murthy for Rs. 50,000. Murthy accepted the bill and received the consignment. His expenses are Rs. 10,000. 3/4ths of the goods are sold for Rs. 60,000. Murthy is entitled to a Commission of 10% on sales. Prepare Ledger Accounts in the books of both the parties.

14. Gopal of Madras consigned 300 cycles at Rs. 2,000 per cycle to Kiran of Hyderabad. Gopal paid freight Rs. 4,000 and other expenses Rs. 2,000. Kiran sold 250 cycles at Rs. 2,500 per cycle and 25 cycles at Rs. 2,200 per cycle. Kiran spent for freight Rs. 3,000 and other expenses Rs. 1,000. He remitted the amount due to Gopal after deducting his normal commission at 5% and del credere commission at 3% on total sales. One debtor of Kiran paid only Rs. 4,800 against Rs. 5,000 in full settlement.

15. From the following particulars prepare a Statement of Profit and Loss for the year ended 31-12-2006

PARTICULARS	1-1-2006	31-12-2006
	Rs.	Rs.
Cash	4,000	3,000
Bank	10,000	5,000(overdraft)
Debtors	80,000	75,000
Stock	30,000	28,000
Creditors	42,000	37,000
Machinery	10,000	15,000
Furniture	1,000	1,000

The Proprietor drew at the rate of Rs. 750 per month. He introduced Rs. 3,000 as fresh capital

16. Calculate profit earned by the trader from the following. The trader follows single entry system.

PARTICULARS	1.1.1990	31.12.1990
	Rs.	Rs.
Creditors	1,50,000	1,60,000
Bills payable	40,000	30,000
Plant	1,00,000	1,50,000
Machinery	3,00,000	2,80,000
Stock	1,00,000	1,10,000
Debtors	1,50,000	1,40,000
Cash	10,000	15,000

Provide depreciation on fixed assets at 5% and on stock and debtors at 10%

17. X company Ltd., closes its accounts on 31st December each year. X company Ltd., purchased on 1-1-1999 a plant for Rs. 40,000 and spent Rs. 10,000 as erection charges. On 1-7-1999, Rs. 25,000 worth of additional machinery was purchased. The plant purchased on 1-1-1999 was sold for Rs. 10,000 on 1-7-2001 as it became obsolete. On the same date a new machinery was purchased for Rs. 60,000. The Company provides for depreciation @ 5% p.a. on the diminishing balance method.

18. On 1-1-2001 X Co. Ltd. Purchased a machine for Rs. 60,000 and Rs. 20,000 were spent on its erection immediately. On 1-7-2002 another machine was purchased for Rs. 52,000 and on 1-7-2003 the first machine was sold for Rs. 64,000. On the same date, another machine was purchased for Rs. 50,000. On 1-1-2004, the second machine was sold for Rs. 46,000. Depreciation was provided on machine at the rate for 10% per annum on the original cost annually on 31st December. Prepare machine account for the above four calendar years.

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19. On 31st December 2006, provision for Repair A/c of X Ltd. Shows a balance of Rs. 700. In that year actual repairs amounted to Rs. 400. The business has practice of transferring Rs. 300 every year to provision for repairs accounts. Show provision for Repairs Account for 2006.

20. On 1-1-2005 Provision for bad debts in the books stood at Rs. 2,000. During the year bad debts were ` Rs.5,000. On 31-12-2005 debtors amounted to `Rs 1,00,000. Make a provision for bad debts at 5%.

On 31-12-2006 debtors amounted to Rs 2,00,000. During the year bad debts were Rs 8,000. Make a provision for bad debts at 5%.

Prepare Bad debts account and Reserve for Bad debts Account.

Instruction to Paper Setter :

Two questions must be given from each unit in Part-A and Part-B

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II-B.Sc. Accountancy Syllabus
(Choice-Based Credit System - W.E.F. 2020-21
SEMESTER - III

COURSE III: STATISTICAL METHODS AND THEIR APPLICATIONS

Credits: 4

Max. Marks: 100

External: 75

Internal: 25

UNIT-I :

Introduction measures of central tendency, computation of Arithmetic mean, Median and Mode only for ungrouped data and grouped data. (Numerical Applications Only)

UNIT-II :

Measures of Dispersion, Computation of Range – Coefficient of Range – Quartile Deviation – Coefficient of Quartile Deviation – Mean Deviation – Coefficient of Mean Deviation. (Numerical Applications Only)

UNIT-III :

Measures of Dispersion, Variance standard Deviation – Coefficient of Variation for grouped and ungrouped data. (Numerical Applications Only)

UNIT-IV :

Finite Differences – Forward Differences – Backwards Differences.
Newton's forward interpolation formula - Newton's backward interpolation formula.

UNIT-V :

Meaning of Correlation, Types of correlation Karl-pear sons coefficient of correlation (for individual series only) Spearmans Rank correlation.

NOTE : 1. Concentration on numerical problems Only.

2. Proofs of theorems and Derivations of expressions are omitted.

TEXT BOOKS :

1. Statistical Methods – Dr. S.P. Gupta – Chand & Sons.
2. Quantitative Techniques by C. Sathyadevi – S. Chand.

REFERENCE BOOKS :

1. Statistical Methods – Snedecor G.W. & Cochran W.G. Oxford & + DII.
2. Elements of Statistics – Mode. E.B. - Prentice Hall.
4. Swayam App online information (Unit wise) Commerce subject codes : 224, 215, 214, 319, 318, 320, 216, 225, 331, 321.
5. Co-curricular activities (Seminars, Quiz, Assignments, Group Discussion, Project work, NCC, NSS).
6. Work load details (4+1+1) 4-Theory, 1-Practical, 1-Co-curricular Activities.

Instruction to Paper Setter:

Two questions must be given from each unit in Section-A and Section-B

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II-B.Sc. Accountancy Syllabus
(Choice-Based Credit System - W.E.F. 2020-21
SEMESTER - III (MODEL QUESTION PAPER)

STATISTICAL METHODS AND THEIR APPLICATIONS

Time: 3 Hours

Max. Marks : 75

SECTION - A

Answer any **FIVE** questions. Each question carries 3 Marks.

5 X 3 = 15M

1. From the following data the monthly income of ten employees in an office. Calculate the Arithmetic mean
Income (Rs) : 4780, 5760, 6690, 7750, 4840, 4920, 6100, 7210, 7050, 6950.
2. In Asymmetrical Distribution, mode=32.1, Mean=35.4, find out the value of Median:
3. Find Median, and Mode to the following data :
 4, 5, 6, 4, 5, 4, 10
4. Find the range to the following data 200, 210, 208, 160, 220, 250.
5. Compute Quartile Deviation From the following data

Marks	10	20	30	40	50	60
No. of Students	4	7	15	8	7	2
6. If mean of a distribution is 160, Mode 157 Standard deviation is 50. Find co-efficient of Variation.
7. Find the forward difference table to the following

x	35	45	55	65	75
y	200	220	243	270	289

8. Construct backward difference table to the following data and find $\nabla^2 y_2, \nabla^4 y_2$

x	0	1	2	3	4	5	6
y	0	1	16	81	256	625	1296

9. Find Correlation Coefficient to the Following data $\Sigma x^2 = 222, \Sigma y^2 = 364, \Sigma xy = 261$
10. Write the formula for Rank Correlation.

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SECTION - B

Answer any **FIVE** questions carries equal marks :-

5 X 12=60 M

11. Calculate Arithmetic Mean for the following data

X	1	2	3	4	5	6	7
F	5	9	12	17	14	10	6

12. Find Mode to the following data :

Marks	0-10	10-20	20-30	30-40	40-50
No of students	3	15	7	10	12

13. Calculate Mean Deviation for the following data :

X	5	10	15	20	25	30
F	3	4	8	12	7	2

14. Compute Coefficient of Quartile Deviation to the following data

Marks	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100
No of students	10	15	28	32	40	35	26	14	10	5

15. The following are the runs scored by two batsmen A and B in 10 Innings. Find out who is better run getter and who is more consistent player

A runs	90	110	5	10	125	15	35	16	134	10
B runs	65	68	52	47	63	25	25	60	55	60

16. Compute Variance and Standard Deviation for the following data :

C.I	100-110	110-120	120-130	130-140	140-150	150-160	160-170
F	4	14	22	30	20	8	2

17. Find $f(1.6)$ using Newton's forward Interpolation formula from the following table

x	1	1.4	1.8	2.2
y	3.49	4.82	5.96	6.5

18. Find $f(3.5)$ by Newton's Backward Interpolation formula from the following data

x	0	1	2	3	4
y	3	4	7	8	10

19. Calculate coefficient of correlation of the following data :

X	10	12	13	16	17	20	25	30	34
Y	20	22	26	27	29	33	37	40	42

20. Calculate Rank Correlation for the data given below :

X	72	70	46	69	56	65	65	45	35	75
Y	111	110	105	112	115	115	101	118	107	120

Instruction to Paper Setter:

Two questions must be given from each unit in Section-A and Section-B

1300
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II-B.Sc. Accountancy Syllabus
(Choice-Based Credit System - W.E.F. 2020-21
SEMESTER - IV (SYLLABUS)

COURSE IV: ADVANCED CORPORATE ACCOUNTING

Credits: 4

Max. Marks: 100

External: 75

Internal: 25

UNIT – I : HIRE PURCHASE ACCOUNTS :

Hire purchase account – features of hire purchase system – calculation of interest and calculation of cash price – Journal and ledger in the books of buyer and Vendor (excluding default and Re-possession and Hirepurchase trading account.

UNIT – II : BANK ACCOUNTS :

Bank Accounts – Books and Registers to be maintained by Banks – Banking Regulation Act, 1969 - Legal Provisions Relating to preparation of profit and loss Accounts only, Rebate on bills discounted. (Including problems).

UNIT – III : ACCOUNTS OF INSURANCE COMPANIES :

Life Insurance Companies –Preparation of Revenue Account, Profit and Loss Account, Balance Sheet (including problems) – LIC Act, 1956. Preparation and valuation of balance sheet – correct life assurance fund including problems.

UNIT – IV : ISSUE OF SHARES :

Issue of shares at par – at premium – at discount – calls in arrears – Forfeiture of shares – Re-issue of shares.

UNIT – V : INTERNAL RECONSTRUCTION :

Alteration of Shares capital – Capital reduction – procedure for capital reduction – Accounting entries for Internal reconstruction – preparation of Balance sheet after internal reconstruction – Simple problems

TEXT BOOKS :

1. Accountancy –I, S.P. Jain & K.L Narang, Kalayani Publishers.
2. T.S.Reddy & A.Murthy , Financial Accounting , Margham Publications .

REFERENCE BOOKS:

1. Principles and Practice of Accounting, R L Gupta & V. K Gupta, Sulthan Chand & sons.
2. Accountancy – I, Tulasian , Tata Mcgraw Hill Co.
3. Financial Accounting, Dr. V.K.Goyal, Excel Books.
4. K. Arunjothi, Fundamentals of Accounting, Maruthi Publications.
5. Swayam App online information (Unit wise) Commerce subject codes : 224, 215, 214, 319, 318, 320, 216, 225, 331, 321.
6. Co-curricular activities (Seminars, Quiz, Assignments, Group Discussion, Project work, NCC, NSS).
7. Work load details (4+1+1) 4-Theory, 1-Practical, 1-Co-curricular Activities.

Instruction to Paper Setter:

Two questions must be given from each unit in Section-A and Section-B

1300
B.02

II-B.Sc. Accountancy Syllabus
(Choice-Based Credit System - W.E.F. 2020-21
SEMESTER - IV

COURSE IV: ADVANCED CORPORATE ACCOUNTING

(QUESTION PAPER STRUCTURE)

VIKRAMA SIMHAPURI UNIVERSITY :: NELLORE
CBCS – B.Sc (MACS) – III YEAR – SEMESTER-VI (w.e.f. 2017-'18)
SEMESTER-VI (MODEL QUESTION PAPER)
ADVANCED CORPORATE ACCOUNTING

No. of Hours per week: 5
Credits: 4

Max. Marks: 100
External: 75
Internal: 25

Time: 3 Hours

Max. Marks : 75

SECTION - A

Answer any FIVE questions. Each question carries 3 Marks. 5 X 3 = 15M

1. Cash price of the machinery was Rs. 30,000. Rs. 6,000 was to be paid on signing of the agreement and the balance was to be paid three annual installments of Rs. 10,000 each. Find the amount of interest for each Installment.

2. Explain features of hire purchase system.

3. What is rebate on Bill discount.

4. Prepare 13th Schedule in Profit & Loss of Daring Bank Ltd.

Interest on Loan 3,49,000

Interest on C.C. 2,24,000

Interest on O/D 1,28,000

Discount on Bills Discounted 1,94,000

Postage & Telegram 20,000

Commission Exchange 9,100

5. Compute the Adjusted life Insurance fund :

Life Insurance on 1-1-2011 73,17,000

Bonus in Reduction of Premises 12,000

Income tax 2,000

Out standing premises 500

Re-Insurance claims 400

6. What is use of Life Insurance.

7. Shares issued at premium.

8. X and Company Ltd., offers to public Rs.5,000 equity shares Rs.10 each payable Rs.2 on application Rs.6 on allotment. Rs.2 on first and final call. Pass journal entries in this books of X company Ltd.

9. Explain the internal reconstruction.

10. Write the Journal Entry :

1. The Equity share of Rs. 10 to be reduced to Rs. 1.

2. The preference share of Rs. 10 to be reduced by Rs. 3.

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BOS

SECTION - B

Answer any **FIVE** questions carries equal marks :-

5 X 12=60 M

11. On 1st January, 2008, the Tirupati Industries bought a machine from Hyderabad Machine Make Co. on the hire purchase system. The cash price of the machine was Rs. 26,350 and the payment was to be made as below :
Rs.10,000 on signing of the agreement and the balance in three yearly installments of Rs. 6,000 each, 5% interest is charged by the vendors.
Record necessary ledger accounts in the books of the Hire Buyer depreciating machinery at 15% p.a. on the Diminishing Balance Method.
12. A mini bus is purchased for Rs. 1,60,000 under hire purchase agreement on 1.1.2008. The amount payable is Rs. 40,000 on 1.1.2008 on entering the agreement and the balance in three annual installments of Rs. 50,000 each at the end of each year. Depreciation is charged at 10% on written down value method.
Show the asset account and hire vendor's account in the books of the purchaser.
13. From the following particulars prepare the profit and loss account of Regional Bank for the year ended 31st March 2009.

	<u>Rs.</u>		<u>Rs.</u>
Interest on deposits	32,00,000	Discount on bills discounted	14,90,000
Commission (Cr)	1,00,000	Interest on overdrafts	16,00,000
Interest on loans	24,90,000	Interest on cash credits	23,20,000
Sundry Charges (dr)	1,00,000	Auditors Fees	35,000
Rent and taxes	2,00,000	Directors Fees	16,000
Payment to employees	5,00,000	Bad debt to be in written off amounted to	3,00,000

14. The following in an extract from the Trail Balance of Andhra Bank as at 31-3-2008.

	<u>Rs.</u>	<u>Rs.</u>
Bills Discounted	51,50,000	
Rebate on bills discounted due April - 2007		30,501
Discount received		1,45,500

An analysis of bills discounted as shown above shows the following :

<u>Due of Bills</u>	<u>Amount</u>	<u>Term (Months)</u>	<u>Discounts @ % PA</u>
Jan. 13th	7,50,000	4	12
Feb. 17th	6,00,000	3	10
March. 6th	4,00,000	4	11
March. 16th	2,00,000	2	10

Find out the amount of discount to be credited to Profit and Loss Account and Pass appropriate entries.

15. The Revenue Account of life insurance company showed the life fund of Rs. 23,71,000 on 31-12-2006 before taking into account the following items.

- (a) Claims intimated but not admitted Rs. 89,250
- (b) Bonus utilized in reduction of premium Rs. 13,500
- (c) Interest accrued on investments Rs. 29,750
- (d) Outstanding premium Rs. 27,000
- (e) Claims covered under reinsurance Rs. 40,500
- (f) Provision for taxation Rs. 31,500

Pass Journal entries giving effect to the above adjustments and show, the statement of Adjusted life fund.

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16. A Life insurance company gets its valuation made once in every two years. The Life Insurance fund on 31st Decemeber-2005 amounted to Rs. 41,92,000 before providing for Rs. 32,000 for the shareholders dividend for the year 2005. Its actual valuation on 31st December-2005 disclosed net liability of Rs. 40,40,000 under the assurance and annuity contracts. An interim bonus of Rs. 40,000 was paid to the policy holders during the period ending 31st December – 2005.

Prepare a statement showing the amount now available as bonus to policy holders.

17. Lavanya Co. Ltd. Offered Rs.5,000 equity shares of Rs.25 each to the public at premium of 10% against its registered capital of Rs.8,000 shares of Rs.25 each the company received applications for Rs.4,500 shares only. The amounts payable on shares were as follows :

On application Rs.5 per share

On allotment Rs.7.50 per share (plus premium)

On first and final call – Balance Amount

All money due was duly received expecting on Rs.100 shares on first and final call from Gopichand a share holder. The company decided to forfeiture the shares. Subsequently the share were the issued at Rs.20 each you are require to pass necessary Journal entry and show all relevant items in the Balance Sheet of the company.

18. A Ltd company issued a prospectus inviting applications for Rs.4,000 shares of Rs.20 each at premium of Rs.4 per share payable as follows :

On application Rs.4, on allotment Rs.10 (including premium) on first call Rs.6 and on second call Rs.4.

Applications were received for Rs.6,000 shares and allotments made pro-rata to the applicants for Rs.4,800 shares, the remaining applications being rejected. Money over paid on applications was employed on account of sums due on allotment.

X to whom 80 shares were allotted failed to pay the allotment money and on his failure to pay the first call, he shares were forfeited. Y the holder of 120 shares fail to pay the two calls and his shares were forfeited after the second call had been made.

Of the shares forfeited 160 shares were sold to Z certified as fully paid for Rs.18 for share the whole of X's shares being included. Show Journal and Cash Book Entries.

19. The Balance Sheet SRISAI Limited on 31st December – 2006 was as given below :

<i>Liabilities</i>	<i>Rs.</i>	<i>Assets</i>	<i>Rs.</i>
Share Capital		Goodwill	30,000
4,000 Pref. Shares of Rs. 100 each	4,00,000	Freehold premises	4,00,000
8,000 Equity Shares of Rs. 100 each	8,00,000	Plant & Machinery	6,00,000
5% debentures	2,00,000	Stock	80,000
Bank overdraft	1,00,000	Debtors	1,00,000
Creditors	2,00,000	Profit and Loss Account	4,90,000
	17,00,000		17,00,000

The Company adopted the following scheme of capital reduction, which was duly approved by the court.

(a) The preference shares be reduced to Rs. 75 per share and equity shares to Rs. 37.50

(b) The debenture holders had taken over stock and debtors in full satisfaction of their claim.

(c) The goodwill account is to be written off.

(d) The freehold properties to be depreciated by 50% and

(e) The value of Plant and Machinery to be increased by Rs. 50,000. Give Journal Entries to implement the above scheme and prepare. Revised Balance Sheet of the company.

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BOS

20. The following is the Balance Sheet of weak Ltd as on 31-12-2007 :

<i>Liabilities</i>	<i>Rs.</i>	<i>Assets</i>	<i>Rs.</i>
Capital :		Goodwill	2,00,000
1,00,000 Equity Shares of Rs. 10 each fully paid	10,00,000	Machinery	10,00,000
10% Cumulative preference shares of Rs. 100 Each, Fully paid	2,00,000	Stock	2,50,000
Sundry Liabilities	10,00,000	Debtors	2,00,000
		Bank	50,000
		P & L Account	5,00,000
	22,00,000		22,00,000

Preference share dividend is in arrears for last four year and the following scheme of reconstruction is passed by the shareholders and approved by the court.

- The equity shares of Rs. 10 each are to be reduced to an equal number of equity shares Re 1 each.
- 50% of the preference share dividend in arrears is to be paid in cash immediately and the preference shareholders have agreed to forego the balance.
- Machinery and stock to be depreciated by 5% and a provision for doubtful debts is to be created at 10% on debtors.
- All intangible and fictitious assets are to be written off.

Instruction to Paper Setter :

Two questions must be given from each unit in Section-A and Section-B

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B-02

III-B.Sc. Accountancy Syllabus
(Choice-Based Credit System - W.E.F. 2020-21
SEMESTER - V (SYLLABUS)

COURSE V : COST AND MANAGEMENT ACCOUNTING

Credits: 4

Max. Marks: 100

External: 75

Internal: 25

UNIT-I : INTRODUCTION :

Classification of Cost – Meaning of Cost, Costing, Cost Accounting and Cost Accountancy - Distinguish between Financial Accounting and Cost Accounting - Preparation of Cost Sheet (including problems).

UNIT-II : ELEMENTS OF COST :

Materials: Economic Order Quantity (EOQ) - Stock levels – Reorder Level, Minimum Level, Maximum Level, Average Stock Level - Methods of pricing issues – FIFO, LIFO, Weighted average, Simple average only (including problems)

UNIT – III : CONTRACT COSTING :

Essentials – Preparation of Contract Accounts (including problems).

UNIT – IV : FINANCIAL STATEMENT ANALYSIS :

Financial Statement analysis and interpretation: Comparative analysis and common size statements and trend analysis (including problems).

UNIT – V : BREAK-EVEN ANALYSIS :

Break –Even analysis – Break Even point, In terms of Rupees and Units - Profit Volume Ratio and Margin of Safety - Estimation of Sales when desired Profit – Estimation of Profit when Sales are given – (including problems)

REFERENCES :

1. S.P. Jain and K.L. Narang – Advanced Cost Accounting, Kalyani Publishers, Ludhiana.
2. M.N. Aurora – A test book of Cost Accounting, Vikas Publishing House Pvt. Ltd.
3. S.P. Iyengar – Cost Accounting, Sultan Chand & Sons.
4. Nigam & Sharma – Cost Accounting Principles and Applications, S.Chand & Sons.
5. S.N .Maheswari – Principles of Management Accounting.
6. I.M .Pandey – Management Accounting, Vikas Publishing House Pvt. Ltd.
7. Sharma & Shashi Gupta – Management Accounting, Kalyani Publishers. Ludhiana.
8. Swayam App online information (Unit wise) Commerce subject codes : 224, 215, 214, 319, 318, 320, 216, 225, 331, 321.
9. Co-curricular activities (Seminars, Quiz, Assignments, Group Discussion, Project work, NCC, NSS).
10. Work load details (4+1+1) 4-Theory, 1-Practical, 1-Co-curricular Activities.

Instruction to Paper Setter :

Two questions must be given from each unit in Section-A and Section-B

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III-B.Sc. Accountancy Syllabus
(Choice-Based Credit System - W.E.F. 2020-21
SEMESTER -V

COURSE V : COST AND MANAGEMENT ACCOUNTING

MODEL QUESTION PAPER

Time: 3 Hours

Max. Marks: 75

SECTION-A

Answer any FIVE questions carries equal marks :

5 X 3 = 15 M

1. Objectives of Cost Accounting.
2. From the following calculate the value of raw material consumed :
Raw materials purchases Rs.88,000 ; Opening stock of raw materials Rs.1,00,000 ; Closing stock of raw materials Rs. 1,23,500.
3. Prepare stores ledger account under FIFO method showing the receipts and issue of the material from the following particular
2-1-2015 purchase 4000units at rs.4 per unit
7-1-2015 purchase 500units at rs.5 per unit
13-1-2015 issued 2000units
4. From the following particulars find out EOQ?
 - (i) Annual usage – 6000 units.
 - (ii) Cost of Material per unit Rs. 20
 - (iii) Cost of Placing and received one order Rs. 60
 - (iv) Annual carrying cost of one unit : 10% of Inventory value.
5. From the following particulars find the amount of profit to be transferred to profit & loss account.
Notional profit of the contract Rs. 80,000
Contract price Rs. 10,00,000
Work Certified Rs. 3,00,000
Cash Received from contractee Rs. 2,40,000
6. Define work in progress?
7. What is Common size Analysis?
8. From the following particulars extracted from the profit & loss account of x-limited you are required to calculate.
 - a. Trend ratio's of different items

Year	Sales	Wages	Bad debts	Profit after tax
2016	350000	50000	14000	16000
2017	415000	60000	26000	24500

9. Find out P.V Ratio ?
Selling price per unit Rs.10 ; Variable cost per unit Rs.3.
10. Determine the variable cost from the following :
Profit Rs.1,40,000 ;
Fixed costs Rs. 1,60,000 ;
Sales Rs.16,00,000.

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SECTION-B

Answer any **FIVE** questions carries equal marks :

5 X 12 = 60 M

11. The following data has been extracted from the books of sunshine industries ltd. For the year 2015.

Opening stock of raw materials	25,000	Salary:-	
Purchase of raw materials	85,000	Office	2,500
Closing stock of raw materials	40,000	Salesman	2,000
Freight inwards	5,000	Other factory expenses	5,700
Wages-direct	75,000	Other office expenses	900
Wages-indirect	10,000	Manager's remuneration	12,000
Other direct charges	15,000	Bad debts written off	1,000
Rent and rates:-		Advertisement expenses	2,000
Factory	5,000	Travelling expenses of salesman	1,100
Office	500	Freight and carriage outwards	1,000
Direct consumption of materials	500	Sales	2,50,000
Depreciation		Advance income tax paid	15,000
Plant and machinery	1,500	Cash discount	5,000
Office furniture	100		

The manager has the overall charges of the company and his remuneration is to be allocated at Rs.4000 to the factory, Rs.2000 to the office and Rs.6000 to the selling operations.

From the above particulars, prepare a statement showing—

- a) Prime cost b) Factory cost c) Cost of production
d) Cost of sales e) Net profit

12. A manufacturing concern requires a statement showing the result of its production operation for September 2015. Cost records give the following information.

Particulars	1-sep-2010	30-sep-2010
Raw materials	1,00,000	1,23,500
Finished goods	71,500	42,000
Work-in progress	31,000	34,500

Transactions during the month of sep.2015

Purchases of raw materials	88,000
Direct wages	70,000
Work expenses	39,500
Administration expenses	13,000
Sale of factory scrap	2,000
Selling and distribution expenses	15,000
Sales	2,84,000

13. Calculate the minimum stock level, maximum stock level, re-ordering level and average stock level from the following information :

- (i) Minimum consumption = 100 units per day
(ii) Maximum consumption = 150 units per day
(iii) Normal consumption = 120 units per day
(iv) Re-order period = 10-15 days
(v) Re-order quantity = 1,500 units
(vi) Normal re-order period = 12 days.

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14. Prepare the stores ledger account LIFO methods.

1-1-2015 – 200 units at rs.24/- per unit

Receipts:-

4-1-2015 – 200 units at rs.24/- per unit
 10-1-2015 -- 150 units at rs.23/- per unit
 18-1-2015 -- 100 units at rs.23/- per unit
 22-1-2015 -- 100 units at rs.23.50/- per unit

Issues:-

5-1-2015 -250 units
 12-1-2015 -200 units
 25-1-2015 -250 units

15. From the following data prepare Contract Account, Contractee's Account and Balance Sheet as on 31-12-2009 :

	<u>Rs.</u>		<u>Rs.</u>
Work certified	1,43,000	Establishment charges	3,250
Cash received from contractee	1,30,000	Direct Expenditure	2,400
Materials sent to site	64,500	Wages due	1,800
Labour engaged on site	54,800	Closing materials	1,400
Plant installed at site	11,300	Materials returned to stores	400
Value of plant on 31-12-2009	8,200	Direct expenses due	200
Work not certified	3,400	Contract price	2,00,000

16. From the following data prepare Contract Account, as on 31-12-2009 :

	<u>Rs.</u>		<u>Rs.</u>
Work certified	2,82,000	Establishment charges	6,150
Cash received from contractee	2,00,000	Direct Expenditure	1,400
Materials sent to site	72,000	Closing materials	2,200
Labour engaged on site	65,300	Materials returned to stores	4,000
Plant installed at site	15,450	Direct expenses due	900
Value of plant on 31-12-2009	9,300	Contract price	3,50,000
Work not certified	9,800		

17. The following is the balance sheet of x-limited for the year 1991 and 1992. Prepare a comparative balance sheet and study the financial positions of the company :

Liabilities	1991	1992	Assets	1991	1992
Equity share capital	600000	800000	Land & buildings	370000	270000
Reserve & surplus	330000	222000	Plant & machinery	400000	600000
Debentures	200000	300000	Furniture & fixtures	20000	25000
Mortgage loan	150000	200000	Other fixed assets	25000	30000
Bills payable	50000	45000	Cash & bank	20000	80000
Sundry creditors	100000	120000	Bills receivable	150000	90000
Other current liabilities	5000	10000	Sundry debtors	200000	250000
			Stock	250000	350000
			Pre-paid expenses	-	2000
	1435000	1697000		1435000	1697000

Solved

18. Calculate the trend percentage from the following figures of x-ltd taking 2015 as the base year & interpret them (Rs. in lakhs)

Year	Sales	Stock	Profit before tax
015	1881	709	321
016	2340	781	435
017	2655	816	458
018	3021	944	527
019	3768	1154	672

19. You are given the following information

<u>Year</u>	<u>sales</u>	<u>profit</u>
2015	200000	20000
2016	300000	40000

Calculate:-

- p/v ratio
- fixed cost
- B.E.P
- Profit when sales rs.180000
- Sales to earn profit of rs.50000

20. Calculate P/V ratio, B.E.P and margin of safety from the following information.

Sales	- Rs.600000
Fixed expenses	- Rs.150000
Direct materials	- Rs.200000
Direct labour	- Rs.120000
Other variables expenses	- Rs.80000

Instruction to Paper Setter:

Two questions must be given from each unit in Section-A and Section-B

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BOS