

**STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI – 600 086.**  
**(For candidates admitted during the academic year 2011-12 & thereafter)**  
**SUBJECT CODE : 11CM/MC/AP64**

**B.Com. DEGREE EXAMINATION APRIL 2017**  
**COMMERCE**  
**SIXTH SEMESTER**

**COURSE : MAJOR – CORE**  
**PAPER : AUTOMATED ACCOUNTING PRACTICES - THEORY**  
**TIME : 1 HOUR** **MAX. MARKS : 40**

**SECTION – A**

**ANSWER ALL QUESTIONS** **10 x 2 = 20**

1. What are the two pre-defined ledger available in Tally?
2. What are the different options in Gateway of Tally?
3. What are the shortcuts for Voucher Creation and Alteration Screen in Tally?
4. How will you view the Book of Accounts in Tally?
5. State the procedure for deleting a Group
6. What are the different types of information system?
7. How will you present and analyze trends in Excel?
8. How do you determine slope and intercept using Excel?
9. Write a note on Audit toolbar.
10. Mention the shortcut key combinations used for navigating
  - a. to the top of the Worksheet
  - b. to the end of a column.

**SECTION B**

**ANSWER ANY FOUR QUESTIONS** **4 x 5 = 20**

11. What are the types of Tally ERP 9 vouchers? Explain and also give the shortcut for creating this vouchers?
12. Explain Accounting features and Inventory features in Tally.
13. Explain the application and use of the following shortcut keys
  - a. ALT + 2
  - b. ALT + A
  - c. ALT + C
  - d. ALT + D
  - e. ALT + E
14. Explain how the following functions are determined in Excel?
  - a. Future value of money
  - b. Forecast
  - c. Net present value
  - d. Trend
  - e. Interest rate for an investment
15. If you wish to accumulate \$197,000 in 5 years, how much must you deposit today in an account that pays a quoted annual interest rate of 13% with semi-annual compounding of interest? Write down the steps in computation using EXCEL function
16. Write down the steps to Fit a trend line using the method of least squares for the following data in EXCEL.

Year	2010	2011	2012	2013	2014	2015
Production	90	83	86	97	92	98

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**COURSE : MAJOR – CORE**  
**PAPER : AUTOMATED ACCOUNTING PRACTICES – PRACTICAL I**  
**TIME : 2 HOURS** **MAX. MARKS : 60**

**SECTION A**

**ANSWER ALL QUESTIONS**

**6 x 5 = 30**

1. From the data given below, find the two regression equations and the most likely marks in Statistics, when the marks in Economics is 30

Marks in Commerce	35	38	45	28	34	46	29	36	44	32
Marks in Accounts	33	36	59	50	46	36	31	30	32	49

2. Journalize the following transactions and show the voucher types.
- a. Started business by investing cash 3,00,000
  - b. Purchased goods for cash 30,000
  - c. Sold good to Kavitha for Rs 8,000 cash
  - d. Hema returned goods worth Rs 500
  - e. Bought 1000 shares of Rs. 100 each in Reliance Ltd at Rs 100 per share, brokerage paid was Rs 1000.
  - f. Amount withdrawn for office use Rs 8,000
  - g. Received cash from Ravi Rs 12,800 in full settlement of Rs 13,000.
3. From the following information show the results of operations of a manufacturing concern using trends percentages with 2013 as base year:

	2016	2015	2014	2013
Sales	1,300	1,200	950	1,000
Cost of goods sold	728	696	589	600
Gross profit	572	504	361	400
Total selling expenses	120	110	97	100
Net operating profit	452	394	264	300

4. Mr. Rahul deposits Rs 5,000 at the end of every year for 6 years in his savings account paying 5% interest compounded annually. He wants to determine how much sum of money he will have at the end of the 6<sup>th</sup> year?
5. From the following Balance Sheet prepare a statement showing flow of funds.

Liabilities	31/12/2011	31/12/2012	Assets	31/12/2011	31/12/2012
Share capital	2,00,000	2,50,000	Land	50,000	66,000
Creditors	70,000	45,000	Stock in Trade	80,000	90,000
Retained earnings	10,000	23,000	Debtors	1,20,000	1,15,000
			Cash	30,000	47,000
<b>Total</b>	<b>2,80,000</b>	<b>3,18,000</b>	<b>Total</b>	<b>280000</b>	<b>3,18,000</b>

6. Enter the following transactions in the purchase book and sales book of Mr. Pandian
- Jan 1 – Purchased goods from Balu – Rs. 30,000
  - Jan 2 - sold goods to Swamy Rs. 15,000
  - Jan 4 - Bought goods from Gowri Rs. 13,500
  - Jan 12 Sold goods to Tamilarasi Rs. 10,500
  - Jan 19 Sold goods to Jaya Rs. 750
  - Jan 21 Bought goods from Rajesh Rs. 9,000
  - Jan 31 Sold goods to Shanthi Rs 900

### SECTION B

**ANSWER ALL QUESTIONS**

**2 x 15 = 30**

7. From the following balances extracted from of Mr.Rehman as on 31.3.2015, Prepare Trading and Profit & Loss a/c and Balance Sheet taking into account the adjustments:

Debit Balances	Rs.	Credit Balances	Rs.
Land and Buildings	42,000	Capital	62,000
Machinery	20,000	Sales	98,780
Patents	7,500	Returns Outwards	500
Stock 1.4.2004	5,760	Sundry Creditors	6,300
Sundry debtors	14,500	Bills payable	9,000
Purchases	40,675		
Cash in hand	540		
Cash at Bank	2,630		
Return Inward	680		
Wages	8,480		
Fuel & power	4,730		
Carriage on sales	3,200		
Carriage on purchases	2,040		
Salaries	15,000		
General Expenses	3,000		
Insurance	600		
Drawings	5,245		
	1,76,580		1,76,580

Adjustments:

- a) The value of stock on 31.12.2005 was estimated at Rs.6,800
  - b) Salary outstanding Rs.1,500
  - c) Insurance prepaid Rs.150
  - d) Depreciate machinery @ 10% and patents @20%
  - e) Create a provision of 2% on debtors for bad debts
8. The following are the extracts from the financial statements of active Ltd . as on 31.03.2000 and 2001

	31.03.2000	31.03.2001
Stock	10,000	25,000
Debtor	20,000	20,000
Bills Receivables	10,000	5,000
Advances	2,000	-
Cash	18,000	15,000
Bills Payables	15,000	20,000
Bank Overdraft	-	2,000
9% Debentures	5,00,00	5,00,000
Sales for the year	3,50,000	3,00,000
Gross profit	70,000	50,000

You are required to calculate for both the years

- a. Current Ratio
- b. Liquidity Ratio
- c. Stock Turnover Ratio
- d. Debtors Turnover ratio
- e. Gross Profit ratio
- f. Stock Working Capital Ratio

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**PAPER : AUTOMATED ACCOUNTING PRACTICES – PRACTICAL II**  
**TIME : 2 HOURS** **MAX. MARKS: 60**

**SECTION A**

**ANSWER ALL QUESTIONS**

**6 x 5 = 30**

1. Ascertain operating profit ratio from the following using EXCEL

Particulars	Rs
Net profit after tax	80,000
Profit on sale of buildings	30,000
Loss on sale of land	20,000
Preliminary expenses written off	10,000
Provision for tax	40,000
Interest on debenture paid	20,000
Net sales	7,00,000

2. Dhandapani & Co Ltd ., Furnishes the following balance sheet for the year 2015 and 2016 prepare common size balance .

Liability	2015	2016	Asset	2015	2016
Share Capital	2,00,000	3,00,000	Buildings	4,00,000	4,00,000
Reserves	6,00,000	7,00,000	Machinery	6,00,000	10,00,000
10% Debentures	2,00,000	3,00,000	Stock	2,00,000	3,00,000
Creditors	3,00,000	5,00,000	Debtors	2,00,000	2,50,000
Bills Payable	1,00,000	80,000	Cash at bank	1,00,000	50,000
Tax payable	1,00,000	1,20,000			
	15,00,000	20,00,000		15,00,000	20,00,000

3. Given the following data , find regression equations:

X <sub>1</sub>	12	22	32	28
X <sub>2</sub>	6	12	16	22

Also predict the value of X<sub>1</sub> when X<sub>2</sub> = 5.

4. Calculate fund from operation from the following

**PROFIT AND LOSS ACCOUNT**

Particulars	Rs	Particulars	Rs
To rent	10,000	By Gross profit	9,86,000
To salary	25,000		
To Depreciation on furniture	3,000		
To Discount on issue of shares	10,000		
To goodwill written off	5,000		
To preliminary expenses	6,000		
To Net Profit	9,27,000		
Total	9,86,000		9,86,000

5. Enter the following voucher entries in Tally.  
 Ram introduced Rs. 50,000 as additional capital on 1<sup>st</sup> April 2012.  
 He purchased goods worth Rs.28,000 from Srimathi on credit.  
 Goods worth Rs. 2,600 was returned to Srimathi.  
 A payment for Rs. 25,000 was made by cheque to Srimathi on full settlement.  
 Ram withdrew Rs. 12000 for his personal use.
6. From the following details prepare purchase and Sales Ledger
- |                           |        |
|---------------------------|--------|
|                           | Rs.    |
| Cash Purchases            | 29,000 |
| Creditors (opening)       | 20,000 |
| Creditors (closing)       | 28,000 |
| Allowances from creditors | 800    |
| Purchase returns          | 1,500  |
| Cash paid to creditors    | 25,000 |

### SECTION B

**ANSWER ALL QUESTIONS**

**2 x 15 = 30**

7. a. Mr. Y deposits Rs. 4000 at the end of every year for 6 years in his savings account paying 6% interest compounded annually. He wants to determine how much sum of money he will have at the end of the 6<sup>th</sup> year?  
 b. Calculate the present value of Rs. 10,000 received for a period of 4 years at a discount rate of 9%.
8. The following are the balances extracted from the books of Beta ltd on 31<sup>st</sup> March 2011. You are required to make the necessary closing entries and prepare
- Trial balance
  - Trading account
  - Profit and loss account
  - Balance sheet

Opening stock	12,000	Cash at bank	12,000
Bills payable	24,000	Rent	8,000
Creditors	18,000	Trade expenses	5,000
Wages	12,800	Office expenses	4,500
Insurance	8,400	Capital	46,000
Cash in hand	4,250	Bills receivable	9,200
Carriage inwards	8,000	Purchases	23,000
Commission (Dr)	4,800	Carriage out	900
Furniture	10,000	Sales	35,000
Stationery	2,200	Sundry Debtors	4,000
Secured loan	13,300	Commission (Cr.)	2,750

The closing stock was valued at 32,000

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