

FACULTY OF COMMERCE  
M.Com. (E-Commerce) III – SEMESTER REGULAR EXAMINATIONS, DEC-2016  
E-COMMERCE AND E-BANKING

**PAPER – II**

Time: 3 Hours]

[Max. Marks: 50

Note: Answer all questions from Section – A and Section – B

Section – A

(5x4=20)

Answer the following questions in not more than **ONE** page each:

1. B2B
2. Scriptural money
3. Visa 3D
4. Chips
5. SSL

Section – B

(5x6=30)

Answer the following questions in not more than **FOUR** pages each:

6. a) Discuss about essentials of E-commerce requirements.  
(OR)  
b) Explain the term EPS and explain types of EPS in detail.
7. a) Explain the features EDI.  
(OR)  
b) Write a note on legal security and privacy.
8. a) Write a note on Cryptography.  
(OR)  
b) Explain the various credit card security measures in banks.
9. a) What are the types of Authentication methods? Explain in detail.  
(OR)  
b) Discuss about factors considered in securing the firewall.
10. a) Explain various automated clearing and settlement systems in banks.  
(OR)  
b) Discuss about the SET protocol in Electronic Payment.

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FACULTY OF SOCIAL SCIENCES  
M.A. (ECONOMICS) III – SEMESTER REGULAR EXAMINATIONS, DEC-2016  
ECONOMICS OF GROWTH & DEVELOPMENT - I  
**PAPER – II**

Time: 3 hours]

[Max. Marks: 70

Note: Answer all questions from Section – A and Section – B

**Section – A**

Answer the following questions in not more than **ONE** page each: (5x4=20)

1. PQLI
2. Stationary state
3. Knife edge problem
4. Shocks and stimulants
5. Balanced growth

**Section – B**

Answer the following questions in not more than **FOUR** pages each: (5x10=50)

6. a) Discuss the construction process of HDI.  
(OR)  
b) Explain the meaning and factors affecting growth and development.
7. a) Discuss salient features of Adam Smith's theory of growth.  
(OR)  
b) Explain the salient features of Marx's theory of economic development.
8. a) Discuss Solow's model of growth.  
(OR)  
b) Bring out the main features of new growth models.
9. a) Discuss the dual sector model of economic development of Arthur Lewis.  
(OR)  
b) Critically explain Nelson's low level equilibrium trap theory.
10. a) Explain Hirschman's theory of unbalanced growth.  
(OR)  
b) Discuss A.K. Sen's time series criterion.

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FACULTY OF ARTS  
M.A. (ENGLISH) III – SEMESTER REGULAR EXAMINATIONS, DEC-2016  
INDIAN WRITING IN ENGLISH - I  
**PAPER – II**

Time: 3 Hours]

[Max. Marks: 70

Note: Answer all questions from Section – A and Section – B

Section – A

(5x4=20)

Answer the following questions in not more than **ONE** page each:

1. A note on Indian Nationalist movement.
2. Briefly discuss about Toru Dutt's Sita.
3. Bakha in *Untouchable*.
4. Comment on the title *The Man Eater of Malgudi*.
5. A note on Tagore's concept of nationalism.

Section – B

(5x10=50)

Answer the following questions in not more than **FOUR** pages each:

6. a) Discuss in details about the Reform Movements in India.  
(OR)  
b) Comment on the Rise of Indian English Novel.
7. a) Briefly discuss about the diction and style in Sarojini Naidu's poems.  
(OR)  
b) Comment up on the style and technique in Aurobindo's poems.
8. a) Discuss Krupabai's *Kamala* as a social novel.  
(OR)  
b) Comment on the social alienation in Anand's *Untouchable*.
9. a) Raja Rao's *Kanthapura* reflects the various phases and facets of Gandhian movement.  
Discuss.  
(OR)  
b) Discuss irony and humour in R.K.Narayan's *The Man Eater of Malgudi*.
10. a) According to Ambedhkar "Caste system is a social division of people of the same race"  
Comment.  
(OR)  
b) The idea of Nationalism according to Tagore.

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FACULTY OF COMMERCE  
M.Com (GENERAL) III– SEMESTER REGULAR EXAMINATIONS, DEC-2016  
COST ACCOUNTING  
**PAPER –II**

Time: 3 Hours]

[Max. Marks: 70

Note: Answer all questions from Section – A and Section – B

Section – A

(5x4=20)

Answer the following questions in not more than **ONE** page each:

1. Direct cost Vs. Indirect cost.
2. Difference between Waste and Scrap.
3. What is meant by differential costing?
4. Zero Based Budget.
5. Standard cost Vs. Estimated cost.

Section – B

(5x10=50)

Answer the following questions in not more than **FOUR** pages each:

6. a) What is cost accounting? Discuss briefly its objectives and advantages.

(OR)

- b) Why is cost accounting necessary? Explain the steps which should be taken to install it.

7. a) What is Activity Based Costing? Write the characteristics of ABC.

(OR)

- b) ABC Ltd. company is engaged in production of a chemical X and in the course of its manufacture a by product Y is produced, which after a separate process has a commercial value for the month of March. The following are the details of cost.

Particulars	Joint Expenses Rs.	Separate X Rs.	Expenses Y Rs.
Material	19,200	7,360	780
Labour	11,700	7,680	2,642
On cost	3,450	1,500	544

The output for the month was 142 tonnes of X and 49 tonnes of Y and the selling price of Y averaged Rs. 280 per tonne.

Assume that the profit on Y is estimated at 50% of the selling price.

Prepare an account showing the cost of X per tonne.

8. a) What is Break Even Point? Explain the different approaches to the computation of BEP.

(OR)

- b) The following figures relate to a company manufacturing a varied range of products;

Year ended	Total Sales (Rs.)	Total Sales (Rs.)
31.12.2013	22,23,000	19,83,600
31.12.2014	24,51,000	21,43,200

Assuming stability in prices, with variable costs carefully controlled to reflect predetermined relationships and an unvarying figure for fixed costs calculate.

- i) The P/V ratio to reflect the rates of growth for profit and sales
- ii) Fixed cost
- iii) Break Even point
- iv) Margin of safety for the year 2013 and 2014.

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9. a) Critically evaluate the limitations underlying the budgetary control system.

(OR)

- b) Raju Ltd., manufactures a single product which is in great demand in the market. The present sales of Rs. 60,000/- per month utilizes only 60% capacity of the plant. The sales manager anticipates that with a reduction of 10% in the price, the sales would go up by 25% to 30%

The following data is available:

Selling price : Rs. 10/- per unit

Variable cost : Rs.3/- per unit

Semi variable cost: Rs. 6000 fixed plus Rs.0.50 per unit.

Fixed cost: Rs.20,000/- at present level, estimated to be Rs.24,000/- at 80% output.

You are required to submit statements to the Board showing

- i) operating profits at 60%, 70% and 80% levels at current selling price and at proposed selling price, and ii) the percentage increase in the present output which will be required to maintain the present profit at the proposed selling price.

10. a) Describe the advantages and limitations of standard costing in detail.

(OR)

- b) The Standard material cost for a normal mix one tonne of chemical 'A' is based on:

<b>Chemical</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
Usage (kg)	240	400	640
Price per kg (Rs.)	6	12	10

During September 2015, 6.25 tonnes of 'A' were produced from:

<b>Chemical</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
Consumption (tonnes)	1.6	2.4	4.5
Cost (Rs.)	11,200	30,000	47,250

Calculate material variances

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FACULTY OF BUSINESS MANAGEMENT  
MBA III – SEMESTER REGULAR EXAMINATIONS, DEC- 2016  
**ORGANISATIONAL BEHAVIOUR**  
**PAPER – II**

Time: 3 Hours]

[Max. Marks: 70

Note: Answer all questions from Section – A and Section – B

Section – A

(5x3=15)

Answer the following questions in not more than **ONE** page each:

1. Concept of Organizational Behavior
2. Types of Attitudes
3. Group Cohesiveness
4. Brain Storming Techniques
5. Total Quality Management

Section – B

(5x8=40)

Answer the following questions in not more than **FOUR** pages each:

6. a) Write the Theoretical Approaches to O.B.  
(OR)  
b) Write about OB Model and the importance of OB.
7. a) What is Personality? Explain Determinants of Personality.  
(OR)  
b) Write about Maslow's Needs of hierarchy.
8. a) How Groups can be formed-explain the stages.  
(OR)  
b) Explain the strategies for conflict resolution.
9. a) What are the stages of Communication Process & hindrances of Communications?  
(OR)  
b) Who can be a leader? Traits theory of leadership.
10. a) What is Organizational Change? State reasons for Resistance to Change.  
(OR)  
b) Write the interventions of Individual in any organization.

Section – C (Compulsory)

(1x15=15)

**Employee Motivation**

Rishi joined Apple Computers in November after a successful stint at Zenith Computers, where he had worked as an assistant programmer. Rishi felt that Apple computers offered better career prospects, as it was growing much faster than Zenith, which was a relatively small company. Rishi joined as a Senior programmer at Apple Computers with a handsome pay hike. He joined Aparna Mehta's five-member team. While she was efficient at what she did and extremely intelligent, she had neither the time nor the inclination to groom her subordinates. Time and again, Rishi found himself thinking of Suresh, his old boss, and of how he had been such a positive influence. Aparna, on the other hand, even without actively doing anything had managed to significantly lower his motivation levels.

**Questions:**

- i) What, according to you, were the reasons for Rishi's disillusionment?
- ii) Answer the question using Maslow's Hierarchy of Needs.
- iii) What should Rishi do to resolve his situation? What can a team leader do to ensure high levels of motivation among his/her team members?

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FACULTY OF SCIENCES  
MCA III – SEMESTER REGULAR EXAMINATIONS, DEC- 2016  
DATABASE MANAGEMENT SYSTEM

**PAPER – II**

Time: 3 hours]

[Max. Marks: 70

Note: Answer all questions from Section – A and Section – B

**Section – A**

Answer the following questions in not more than **ONE** page each: (5x4=20)

1. Define functional dependencies. How are primary keys related to FDS?
2. What is trigger? And what are its three parts? What are the differences between row-level and statement-level triggers?
3. What are the main differences between ISAM and B<sup>+</sup> tree indexes?
4. Write about ACID Properties?
5. What is the role of the database administrator with respect to security?

**Section – B**

Answer the following questions in not more than **FOUR** page each: (5x10=50)

6. a) What is an E-R Diagram? Write about Conceptual design with ER model.  
(OR)  
b) Consider a relation R with five attributes ABCDE. You are given the following Dependencies;  
 $A \rightarrow B, BC \rightarrow E, \text{ and } ED \rightarrow A.$   
1. List all keys for R., 2. Is R in 3NF 3. Is R in BCNF
7. a) What are nested queries? What is correlation in nested queries? How would you use the operators IN, EXISTS, UNIQUE, ANY, and ALL in writing nested queries? Why are they useful? Illustrate your answer by showing how to write the division operator in SQL.  
(OR)  
b) What is the difference between tuple relational calculus and domain relational calculus?
8. a) Explain various types of File Organization?  
(OR)  
b) Discuss the relationship between Extendible and linear Hashing. What are their relative merits? Consider Space Utilization for Skewed distributions, the use of overflow pages to handle collisions in Extendible Hashing, and the use of a directory in Linear Hashing.

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9. a) What is a precedence graph (or) Serializability graph? How is it related to conflict serializability. How is it related to two-phase locking?

(OR)

- b) What functionality does the recovery manager of a DBMS provide? What does the transaction manager do?

10. a) Write about ARIES Recovery Technique?

(OR)

- b) What is an authorization graph? Explain SQL's GRANTS REVOKE Command in terms of their effects on this graph. In particular, discuss what happens when users pass on privileges that they receive from someone else.

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