

END TERM EXAMINATION

SECOND SEMESTER [BBA] MAY-JUNE 2017

Paper Code: BBA-102

Subject: Business Organization

BBA(MOM)-102

BBA(B&I)-102

BBA(TTM)-102

Time: 3 Hours

Maximum Marks: 75

Note: Attempt any five questions including Q no.1 which is compulsory.

- Q1 Write short notes on **any three** of the following:- (3x5=15)
(a) Joint Hindu Family Firm
(b) MOA & AOA
(c) International Business Risks
(d) Business Ethics
- Q2 What is a business system? What are its ingredients? Explain briefly various features of a business system. (15)
- Q3 What are the objectives of a business? How does a business establish a balance between its profits and social responsibilities? Give examples to strengthen your answer. (15)
- Q4 What is sole proprietorship? What are its advantages over partnership and company type of business? (15)
- Q5 Explain the locational advantage of business? What are the policies of the government for the location of business? (15)
- Q6 What are the various government policies and schemes to support the set up and establishment of small business in India? Explain. (15)
- Q7 State the emergence of Multinational Companies in Business World. How are they better than other types of organizations operating in global scenario? (15)
- Q8 (a) What do you understand by business combinations? What are their advantages and disadvantages? (7.5)
(b) Explain the role of FICCI, CII and other business association in the growth of industry in India. (7.5)

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SECOND SEMESTER [BBA] MAY-JUNE 2017

Paper Code: BBA-104

BBA(B&I)-104

BBA(TTM)-104

BBA(MOM)-104

Subject: Business Economics-II

Time: 3 Hours

Maximum Marks: 75

Note: Attempt any five questions. All questions carry equal marks.

- Q1 Write notes on the following:-
(a) Leakages and injections in an economy.
(b) Precautions in the estimation of national income.
(c) Total Expenditure method of National Income measurement.
- Q2 What do you understand by the circular flow of income? Discuss the circular flow of income in a three sector economy.
- Q3 (a) Explain the relevance of marginal efficiency of capital in investment decision making.
(b) What do you understand by Full Employment? Is full employment a Myth?
- Q4 What is multiplier? Explain the process of income propagation with the help of multiplier process.
- Q5 Define inflation. What are its various types? Explain the various economic effect of inflation with the help of examples.
- Q6 Critically analyse the Milton Friedman theory of demand for money.
- Q7 Explain the equilibrium of product and money market with the help of ISLM model.
- Q8 Write notes on the following:-
(a) Liquidity trap.
(b) Limitations of fiscal policy of Indian economy.
(c) Impact of demonetization on Indian economy.

END TERM EXAMINATION

SECOND SEMESTER [BBA] MAY- JUNE 2017

Paper Code: BBA-106	Subject: Quantitative Techniques and Operations Research in Management
BBA (TTM)-106	
BBA (B&I)-106	
BBA (MOM)-106	

Time: 3 Hours

Maximum Marks: 75

Note: Attempt any five questions.

Q1 The means of two samples of series of 50 and 100 respectively are 54.4 and 50.3 and standard deviations are 8 and 7. Obtain the mean and standard deviation of the sample of size 150 obtained by combining the two samples. (15)

Q2 (a) Find the quartile deviation and its coefficient from the following data:(8)

Weight in lbs	70-80	80-90	90-100	100-110	110-120	120-130	130-140	140-150
No. of persons	12	18	35	42	50	45	20	8

(b) What is Lorenz curve? How is it constructed? Illustrate. (7)

Q3 Obtain the Spearman's Rank correlation coefficient for the following data:

X	68	64	75	50	64	80	75	40	55	64
Y	62	58	68	45	81	60	68	48	50	70

Interpret the result. (15)

Q4 (a) Define Karl Pearson's Coefficient of Correlation. What are the assumptions for Correlation Analysis? (10)

(b) The co-efficient of correlation between X and Y is 0.6. Their covariance is 4.8. If the variance of X is 9, then determine the standard deviation of Y. (5)

Q5 A company makes two kinds of fertilizers, called Hi-phosphate and Lo-phosphate. Three basic raw materials are used in manufacturing these fertilizers in this manner:

Raw Material	Tons of raw material required to manufacture one ton		Maximum amount of raw material available per month
	Hi-Phosphate	Lo-Phosphate	
1	2	1	1500
2	1	1	1200
3	1	0	500
Selling price per ton	\$15	\$10	

Formulate this as a linear programming problem and find the optimal values of the fertilizers manufactured by the company using simplex method. Write the dual of the problem, also. (15)

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- Q6 (a) Solve the following Linear programming problem by graphical method.
 Minimize $Z=2x-y$ (9)
 Subject to
 $-10x+y \leq 2$
 $x+y \geq 10$
 $x \geq 0, y \geq 0$

- (b) In the context of linear programming, what do you understand by
 (i) optimal solution (ii) unbounded solution. How would you recognize these in a simplex tableau? (6)

- Q7 (a) Explain assignment problem as a special case of transportation problem. (5)
 (b) Four men are available to do four different jobs. The time each man takes to do each job is known and is given in the following table. (10)

	Job			
	I	II	III	IV
A	2	9	2	7
Person B	6	8	7	6
C	4	6	5	3
D	4	2	7	3

Use Hungarian Method to assign the different jobs to the different persons by minimizing the total time.

- Q8 Describe the various methods to find the initial basic feasible solution to a transportation problem? The table below provides all the necessary information for a transportation problem; obtain the optimum transportation cost for the given problem. (15)

Factory	Market				Supply
	P	Q	R	S	
A	6	3	5	4	22
B	5	9	2	7	15
C	5	7	8	6	8
Demand	7	12	17	9	45

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Exam Roll No. .

END TERM EXAMINATION

SECOND SEMESTER [BBA] MAY- JUNE 2017

Paper Code: BBA-108

Subject: Database Management System

BBA (B&I)-108

BBA (TTM)-108

BBA (MOM)-108

Time: 3 Hours

Maximum Marks: 75

Note: Attempt any five questions including Q.No1 which is compulsory.
Select one question from each unit.

- Q1 Write short notes on **any five:-** (5x3=15)
- (a) Generalization and Specialization
 - (b) Types of Keys
 - (c) Logical and Physical Independence
 - (d) Functional Dependencies
 - (e) Types of constraints
 - (f) Strong and weak entity

UNIT-I

- Q2 (a) Compare files management system and database management system. (7)
- (b) Compare the three record based data models with diagram. Which model is best and why? (8)
- Q3 (a) Explain three level architecture of Database management System. What is the role of mapping? (8)
- (b) What is the role of DBA, Data Manager, file Manager, and Disk Manager? (7)

UNIT-II

- Q4 (a) What are the Integrity rules? Explain with example. (5)
- (b) A company has several departments. Each department has supervisors and at least one employee. Employee must be assigned to one department. There are many projects under one department and each employee is assigned to more than one project. (10)
- Identify the entities in the above case.
 - What are the relationships between the identified entities?
 - Draw an E-R Diagram to demonstrate the connectivity between the various entities.

- Q5 (a) Explain the 12 CODD rules for relational model. (8)
- (b) What are the different type of keys and attribute in the relational model? Explain with example. (7)

UNIT-III

- Q6 (a) What are the possible functional dependencies, which can exist in a database? (7)
- (b) What are the different type of anomalies occurred in relations? Explain with example. (8)
- Q7 (a) What is normalization? Explain 1NF, 2NF and 3NF with example. (10)
- (b) What is decomposition? What is the difference between lossy and lossless join? (5)

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UNIT-IV

- Q8 (a) Consider the following tables. (10)
Emp(eid,ename, salary, designation, deptno)
Dept(Deptno, dname, location)
Write SQL for each of the following
Create both tables
(i) Find name of the employee having maximum salary of deptno 20.
(ii) Find the eid, name of employee who are working in location Mumbai.
(iii) Find the name and department of the employees whose salary is greater than 20000.
- (b) Explain various SQL DML commands with example. ~~XXXXXXXXXX~~ (5)
- Q9 (i) Write short notes on different data types used in MS-Access. (5)
(ii) What are the different types of Aggregate Operators in SQL? Explain traditional and special operators with example. (10)
