

No. of Printed Pages : 03

Roll No. ....

**A-151**

**B.B.A. EXAMINATION, Dec. 2016**

(First Semester)

(Main & Re-appear)

**BUSINESS ORGANISATION**

**BBA-101**

*Time : 3 Hours]*

*[Maximum Marks : 70*

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Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

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**Note :** Attempt *Five* questions in all. selecting *one* question from each Unit. Q. No. 1 is compulsory. All questions carry equal marks.

Reappear  
2016  
80

1. Explain the following in short : 14
- (a) Profession
  - (b) Business environment
  - (c) Partnership
  - (d) Public Companies
  - (e) Entrepreneurship
  - (f) Stock Exchange
  - (g) CII.

#### Unit I

2. Explain the term 'Business'. Describe the nature and main objectives of business. 14
3. Differentiate between Business, Commerce and Trade. 14

#### Unit II

4. What is Multinational Corporation ? Explain its nature and scope. 14
5. What is Sole Proprietorship ? Explain merits and demerits of sole proprietorship. 14

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2016  
80

#### Unit III

6. What is Business Plan ? Which factors are to be considered while preparing business plan ? 14
7. Discuss the process of setting up a business enterprise in Indian context. 14

#### Unit IV

8. Explain the relationship between Business and Government in detail. Use relevant examples. 14
9. Define the concept of Business Combinations. What are the causes of Business Combinations. 14

### Unit IV

8. (a) The sum of three numbers is 60. If we multiply the first number by 2 and add the second number to the result and subtract the third number, we get 23. By adding second and the third numbers to three times the first number, we get 46. Find the numbers by using determinants.
- (b) An invertible matrix  $A$  satisfies  $x^2 - 5x + 7 = 0$ , give an expression to find  $A^{-1}$ .
9. (a) Find the area bounded by the curve  $y = x$ , the  $x$ -axis and the ordinates  $x = -1$ ,  $x = 2$ .
- (b) Suppose the supply function is given as  $p = (x + 3)^2$ . Find the producers surplus when price is fixed in the market at Rs. 36.

A-152

B.B.A. EXAMINATION, Dec. 2016

(First Semester)

(Main/Rc-appear)

BUSINESS-MATHEMATICS

BBA-103

Time : 3 Hours]

[Maximum Marks : 70

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

**Note :** Question No. 1 in Section A is compulsory and in Section B, four questions choosing one question from each Unit have to be attempted. All questions carry equal marks.

### Section A

1. Attempt all the *ten* questions :
- What do you mean by subsets and supersets ?
  - Find the disjoint union of  $\{1, 2, 3, 4, 5\}$  and  $\{-1, 1, 3, 5, 7\}$ .
  - If A be the set of all positive prime number and B the set of all positive even number, find A Intersection B.
  - Solve the equation  $\log_5(125) = x$ .
  - Express the following relations in the exponential  $\log_3(27) = x$ .
  - How many different words can be formed with the letters of the 'Haryana'.
  - Define Inverse.
  - Integrate the  $x^{-8}$ .

### Section B

#### Unit I

2. (a) In a group of 800 people, 500 can speak English only and 140 can speak Hindi only. Find (i) How many can speak

English ? (ii) How many can speak Hindi ? (iii) How many can speak both English and Hindi ?

- (b) There are 30 students in a class. Among them, 8 students are learning both English and French. A total of 18 students are learning English. If every student is learning at least one language, how many students are learning French in total ?
3. (a) If A = set of all rational number and  $B = \{x : x^2 - 4x + 2 = 0\}$  then write down  $A \cap B$ ,  $A - B$  and  $B - A$ .
- (b) For a certain test a candidate could offer English or Hindi or both the subjects. Total number of students was 1000, of which 700 appeared in English and 180 in both the subjects. Use set operations to show : (a) How many appeared in English only ? (b) How many appeared in Hindi ? (c) How many appeared in Hindi only ?

## Unit II

4. (a) Solve the following equation :
- Given that  $\log_2(x - 5y + 4) = 0$  and  $\log_2(x + 1) = 1 + 2 \log_2 y$ , find the values of  $x$  and  $y$ .
  - Find two real values of  $k$  for which the equation  $\log_{10} |x^2 + 2kx| = 0$  has a Double root.
- (b) The quadratic equation  $2x^2 \log a + (2x - 1) \log b = 0$ , where  $a$  and  $b$  are positive constants, has non-zero equal roots. Express  $b$  in terms of  $a$ .
5. (a) A manufacture instals a machine at a cost of Rs. 5,000. At the end of 10 years, the machine has a value of 1000. Assuming the yearly depreciation to be a constant ratio, find it.
- (b) A worker was appointment in the grade of 7000-400-15000. In which year of his service will be drawing a salary of Rs. 10,200.

## Unit III

6. (a) Joe's Pizzeria offers two styles of crust and the following optional toppings : extra cheese, pepperoni, sausage, mushrooms, green peppers, artichokes, onions and anchovies. Joe claims that he offers over 500 different pizzas. Is this true ?
- (b) In how many ways can we construct a license number consisting of one decimal digit followed by three uppercase alphabetical characters followed by three decimal digits ?
7. (a) For what values of  $x$  is it possible to expand  $(1 + x)^{-1}$  as a binomial expression ?
- (b) What is the coefficient of  $x^2 y^2 z^2$  in the expansion of  $(2x + 3y - z)^6$  ?

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**A-154**

**B.B.A. EXAMINATION, Dec. 2016**

(First Semester)

(Main/Re-appear)

BBA-107

**COMPUTER FUNDAMENTALS**

*Time : 3 Hours]*

*[Maximum Marks : 50*

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

**Note :** Attempt *Five* questions in all, selecting at least *one* question from each Unit. Q. No. 1 is compulsory. All questions carry equal marks.

1. Write short notes on the following :  $5 \times 2 = 10$

- (a) Freeware
- (b) Hardware
- (c) Binary number system
- (d) Plotters
- (e) Computer application in education.

#### Unit I

2. What are major components of a digital computer ? 10

3. Compare in between hardware and software. 10

#### Unit II

4. Convert the following numbers :  $5 \times 2 = 10$

- (a)  $10111_2 = (?)_{10}$
- (b)  $(435)_{10} = (?)_2$
- (c) Add 1011 and 101 in both decimal and binary form
- (d) Subtract  $0110111_2$  from  $1101110_2$
- (e)  $ABC_{16} = (?)_2$

5. What is octal number system ? Explain with an example of binary number conversion. 10

#### Unit III

6. Elaborate different types of output devices. 10

7. Differentiate secondary memory and backup memory. 10

#### Unit IV

8. How computer plays a critical role in analysis of data ? 10

9. How computers can be useful in banks and medical field ? 10

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**A-156** .....

**B.B.A. EXAMINATION, Dec, 2016**

(First Semester) .....

(Main/Re-appear) .....

**BBA-111** .....

**MICRO ECONOMICS FOR BUSINESS  
DECISIONS**

*Time : 3 Hours*

*[Maximum Marks : 70*

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

**Note :** Attempt *Five* questions in all, selecting at least *one* question from each Unit (I-IV).  
Q. No. 1 is compulsory. All questions carry equal marks.

(3-62/16)M-A-156

P.T.O.



2016  
Reappear  
Geo

1. Explain the following : **2 each**
- (a) Classification of cost
  - (b) Cross elasticity of demand
  - (c) Monopolistic competition
  - (d) Modern theory of distribution
  - (e) Optimum size of the firm
  - (f) Utility
  - (g) Quasi rent.

#### Unit I

2. What do you mean by Micro Economics ? Also discuss utility and indifference curve approaches in detail. **14**
3. What is law of demand ? Also explain various elasticity of demand in detail. **14**

#### Unit II

4. Write short notes on the following : **7 each**
- (a) Laws of returns
  - (b) Factors affecting optimum size of the firm.

2016  
Reappear  
Geo

5. Discuss in detail internal and external economics of scale and revenue curves. **14**

#### Unit III

6. What do you mean by perfect competition ? Also explain difference between monopoly and monopolistic competition. **14**
7. Write short notes on the following : **7 each**
- (a) Equilibrium of the firm
  - (b) Oligopolistic behaviour.

#### Unit IV

8. What is "Production" ? Discuss in detail factors of Production with their characteristics. **14**
9. Discuss in detail determination of rent and marginal productivity theory. **14**

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**A-155**

**B.B.A. EXAMINATION, Dec. 2016**

(First Semester)

(Main/Re-appear)

BBA-109

**BUSINESS COMMUNICATION**

*Time : 3 Hours*

*[Maximum Marks : 70*

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Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

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**Note :** Q. No. 1 is compulsory. Attempt *four* questions from the remaining selecting at least *one* question from each Unit. All questions carry equal marks.

(3-62/14)M-A-155

P.T.O.

1. Explain the following :
- |                        |   |
|------------------------|---|
| (a) Semantic barriers  | 2 |
| (b) Voice Modulation   | 2 |
| (c) Circular           | 2 |
| (d) Active listening   | 2 |
| (e) Full block letter  | 2 |
| (f) References         | 2 |
| (g) Agenda of meeting. | 2 |

**Unit I**

2. Define Communication. Describe the nature of communication. Also, explain the merits and limitations of written communication. — 14
3. Write short notes on the following :
- |                            |   |
|----------------------------|---|
| (a) Communication networks | 7 |
| (b) Personal barriers.     | 7 |

**Unit II**

4. What is Public Speaking ? How is it different from presentation ? Explain, how public speaking can be effective ? — 14

5. Explain the following :
- |                           |   |
|---------------------------|---|
| (a) Barriers to listening | 7 |
| (b) Reading skills.       | 7 |

**Unit III**

6. "A business letter should be brief, effective and should convey the right message." Explain this statement with the help of relevant examples. — 14
7. Write short notes on the following :
- |                        |   |
|------------------------|---|
| (a) Employment letters | 7 |
| (b) Notice.            | 7 |

**Unit IV**

8. What details should be given in the minutes of a meeting ? State the essential requisites of effective minutes. — 14
9. Explain the following :
- |                                    |   |
|------------------------------------|---|
| (a) Types of business reports      | 7 |
| (b) Framework of business reports. | 7 |