

(Please write your Exam Roll No.)

Exam Roll No. 01614101716

END TERM EXAMINATION

FIRST SEMESTER [BBA] NOVEMBER-DECEMBER 2016

Paper Code: BBA-101

Subject: Principle of Management

BBA (B&I)-101

BBA (TTM)-101

BBA (MOM)-101

BBA (CAM)-101

Time: 3 Hours

Maximum Marks: 75

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

- Q1 ✓ What are the functions and roles of a professional Manager? Define the responsibilities of a Manager.
- Q2 ✓ How do you differentiate between "Management and Administration"? Does Administration has anything to do with modern managerial roles.
- Q3 ✓ What are the goals and objectives of planning in any organization? Discuss various types of plans.
- Q4 What do you mean by Decision Making? Discuss Bounded Rationality Model.
- Q5 ✓ Discuss Staff and Line function of an organization. How do they complement each other?
- Q6 Differentiate between Maslow's and Herzberg's theories of Motivation. How relevant are they?
- Q7 ✓ Describe a control process. Discuss traditional & modern control systems.
- Q8 Write short notes on:-
(a) Formal and informal Organizations
(b) Autocratic and Democratic style of leadership.

P

(Please write your Exam Roll No.)

Exam Roll No. 01614101716

END TERM EXAMINATION

FIRST SEMESTER [BBA] NOVEMBER-DECEMBER 2016

Paper Code: BBA-103

Subject: Business Economics-I

BBA (B&I)-103

BBA (TTM)-103

BBA (MOM)-103

Time: 3 Hours

Maximum Marks: 75

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

- Q1 Write short notes on **any three** of the following:-
- ✓(a) Time value of money
 - ✓(b) Incrementalism
 - (c) Features of Isoquants
 - ✓(d) Oligopoly
 - (e) Ordinal Utility approach
- ✓Q2 What is Business Economics? Discuss its applicability for business decision making.
- ✓Q3 What is Elasticity of demand? Discuss various methods for measurement of elasticity of demand.
- Q4 Explain quantitative methods of forecasting demand.
- ✓Q5 What is an indifference curve? Discuss its properties. Explain consumer's equilibrium with the help of indifference curve analysis.
- ✓Q6 Explain Production function. Discuss long run production function.
- Q7 Explain long run and short run cost curves.
- Q8 Distinguish between second and third degree price discrimination.

P

END TERM EXAMINATION

FIRST SEMESTER [BBA] NOVEMBER-DECEMBER- 2016

Paper Code: BBA-105

Subject: Business Mathematics

BBA(TTM)-105

BBA(CAM)-105

Time: 3 Hours

Maximum Marks: 75

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

- Q1 (a) Find the value of r if (i) ${}^{10}C_r = {}^{20}C_{r+1}$ (ii) ${}^{10}P_r = {}^{25}P_{r+2}$.
 (b) In a firm there are 20 men and 10 women. In how many can you have a committee with 3 men and 2 women?
- Q2 (a) Verify whether vectors $X_1=(2,2,-7)$, $X_2=(2,1,2)$, $X_3=(0,1,-3)$ are linearly dependent or independent.
 (b) Solve the following system of equations using Gauss elimination method.
 $2x - y + 3z = 9$; $x + y + z = 6$ and $x - y + z = 2$.
- Q3 (a) Find the point of inflection of the curve $y = x^3 - 3x^2 + 6x + 5$. Also, find maxima and minima of y.
 (b) Find the extreme values of $f(x, y, z) = 2x + 3y + z$ such that $x^2 + y^2 = 5$ and $x+z=1$.
- Q4 (a) Solve the differential equation $(x^2 + 4y^2 + xy) dx = x^2 dy$.
 (b) Solve $(1-x^2)(1-y) dx = xy(1+y)dy$
- Q5 Solve the following differential equations
 (a) $\frac{dy}{dx} = 1 + x + y + xy$
 (b) $\frac{dy}{dx} + x^2 = x^2 e^{3y}$
 (c) $\frac{dy}{dx} + 1 = e^{x+y}$
- Q6 If $a = 2i - j + 2k$ and $b = 10i - 2j + 7k$, find the value of $a \times b$. Also find the unit vector perpendicular to given vector.
- Q7 If $a = 2i - j + 3k$, $b = -i + 2j + k$ and $c = 3i + j - 2k$ find
 (a) $a \times b$
 (b) $a \cdot b$
 (c) $a \cdot (a \times b)$
 (d) $a \times (b \times c)$
