

1ST YEAR (SEM-I) BBA UNIVERSITY EXAMINATION, 2023

(1st Year, 1st Semester)

SUBJECT: FUNDAMENTALS OF MANAGEMENT & ORGANIZATION BEHAVIOUR

PAPER CODE: THEORY (MAN 101)

Time : 3 hours

Full Marks : 100

Answer *Q.no. 9* and *any five(5)* questions from the rest.

1. Discuss the scope of OB in modern business organization? What are the different types of managerial skills and how they are applied in different organizational hierarchies? 8+8=16
2. What is the difference between Delegation of Authority & Decentralization? How formal organization structure is different from informal organization structure. Write a note on Matrix Organization. 8+4+4=16
3. 'Planning involves envisioning the results that the organization wants to achieve, and determining the steps necessary to arrive at the intended destination'–Justify the statement in the context of process, types & benefits of planning in a business organization. 16
4. Compose Abraham Maslow's Need Hierarchy Theory and Herzbug's two-factor theory of motivation. 16
5. (a) 'Sole proprietorship business formal is good for short-term business motive but does not have much merit towards long-term goal'–Elaborate the statement.
(b) Differentiate between Franchising and Licensing. 10+6=16
6. (a) Explain in detail the different phases of Howthorne Experiment.
(b) Compare & Contrast between Scientific Management Bureaucratic Management and Administrative Management theories. 8+8=16
7. (a) Distinguish between Antocratic and Participative Leadership styles.
(b) What do you understand by Personality? Discuss the major determinants of personality. 8+8=16
8. What is perception? Discuss in details the factors that influence perception. Discuss any two barriers of perception. 2+8+6=16

9. Short questions : Answer any *ten(10)* questions :

10x2=20

- (i) Classical conditioning and operant conditioning in Learning.
- (ii) What is Functional level planning? Give example.
- (iii) What is the importance of forecasting in Planning?
- (iv) What is Joint Venture?
- (v) Depict the different interpersonal roles of a Manager as given by Prof. Henry Mintzberg of Mc.Gill University, Canada?
- (vi) What are the different bases of power?
- (vii) What is the significance of Emotional Intelligence?
- (viii) What is the difference between evolutionary change and revolutionary change?
- (ix) What is Laissez-Faire or free rein style of leadership?
- (x) What do you understand by span of control?
- (xi) What do you understand by group cohesiveness?
- (xii) Give examples of formal group and informal group (one example for each)
- (xiii) Mention the five personality traits relevant to the study of Organisational Behaviour.
- (xiv) What do you understand by job stress.
- (xv) Distinguish between functional and dysfunctional conflict.

1ST YEAR (SEM-I) BBA UNIVERSITY EXAMINATION, 2023

(1st Year, 1st Semester)

SUBJECT: BUSINESS MATHEMATICS**PAPER CODE: MAN 102 CBCS SYLLABUS**

Time : 3 hours

Full Marks : 100

Attempt *any five* questions, each questions carries equal marks.

1. Solve by Cramer's Rule :

$$2x - 3y + 1z = -1$$

$$3x + 5y - 6z = 2$$

$$-x - 3y + 2z = 3$$

10

2. Using Matrix Inverse find the solution of the simultaneous equation system :

$$x + 10y + 40z = 6950$$

$$x + 9y + 35z = 6725$$

$$x + 12y + 40z = 7100$$

10

3. (a) If
- $\frac{\log x}{y-z} = \frac{\log y}{z-x} = \frac{\log z}{x-y}$
- show that
- $x^x y^y z^z = 1$

(b) Arrange in ascending order of magnitude : $2^{63}, 3^{45}, 5^{27}, 6^{18}$.

6+4=10

4. (a) Form an quadratic equation whose product of roots are 19 and sum of roots are
- -8
- , with the value of 'a' equal to 1.

(b) Simplify : $\sqrt{75} + \sqrt{48} - \sqrt{243}$

(c) Simplify : $\sqrt[3]{y^9 \sqrt{y^{27}}}$

4+3+3=10

5. (a) Find the difference between compound interest and simple interest on ₹ 20,000 for 2 years at 10% p.a., if the interest is compounded half-yearly.

(b) A person deposits ₹ 4500 at the end of each year for 3 years at 5% rate of interest. How much would he receive at the end of 3rd year?

5+5=10

6. Find the sum of first 10 terms for :

(a) A. P. Series : 2, 10, 18, 26, 34

(b) How many terms of the GP series $1+3+9+27+ \dots$ be taken so that the sum is 9841?

5+5=10

7. (a) In how many ways can 10 MBA students and 7 BBA students be arranged in a line so that no two BBA students sit together?
 (b) In how many ways can a committee of 5 be formed from 4 professors and 6 students so as to include at least 2 professors? 5+5=10

8. (a) A firm produces a product at a fixed cost of Rs. 25,000 and a production cost of Rs. 12.5 per piece. The product is sold at Rs. 20. Find the profit maximizing level of output and the profit at that level of output.
 (b) Find whether the function attains maxima or minima : $y = x^3 - 6x^2 + 9x - 2$. 6+4=10

9. (a) $\lim_{x \rightarrow 4} \frac{(3x - 7)(\sqrt{x} - 1)}{3x^2 + 4x - 7}$
 (b) $\int \left(5^x - 3e^{-7x} + \frac{1}{4x} \right) dx$ 5+5=10

10. (a) Prove that : $\begin{vmatrix} a+b & 2a+b & 3a+b \\ 2a+b & 3a+b & 4a+b \\ 4a+b & 5a+b & 6a+b \end{vmatrix} = 0$
 (b) Prove that : $\begin{vmatrix} 2a & a-b-c & 2a \\ 2b & 2b & b-c-a \\ c-a-b & 2c & 2c \end{vmatrix} = (a+b+c)^3$ 5+5=10

11. (a) A second-hand car depreciated in value each year at 10% of its previous value and at the end of the fourth year, its value was ₹1,96,830. Find its original value.
 (b) A person deposits ₹4500 at the end of each year for 3 years at 5% rate of interest. How much would he receive at the end of 3rd year? 5+5=10

12. (a) Find the coordinates of the mid-point of the portion of the straight line $2x+y=4$ intercepted between the x and y axes.
 (b) Find the equation of a straight line which passes through the intersection of the straight lines $6x+10y=14$ and $3x+9y=15$ such that equal positive intercepts are made by the equation upon the co-ordinate axes. 5+5=10

13. (a) Examine the continuity of the function f at $x = 0$, if

$$f(x) = \frac{\sin 3x}{2x}, \text{ for } x \neq 0;$$

$$= \frac{2}{3}, \text{ for } x = 0$$

1ST YEAR (SEM-I) BBA UNIVERSITY EXAMINATION, 2023

(1st Year, 1st Semester)

SUBJECT: ENTREPRENEURSHIP DEVELOPMENT

PAPER CODE: THEORY (MAN 103)

Time : 3 hours

Full Marks : 100

Q.no. 1 is compulsory. Answer **any 8** questions from the rest.

1. Answer any **10** questions : 10x2=20
 - (a) Define Social Entrepreneurship.
 - (b) Explain briefly any 2 methods for generating new ideas.
 - (c) Differentiate between innovation and invention.
 - (d) What is a business plan?
 - (e) State 2 advantages of LLP over a partnership business.
 - (f) Mention any 2 significant challenges faced by women entrepreneurs in India.
 - (g) What is the difference between incubators and accelerators?
 - (h) How are entrepreneurs different from managers?
 - (i) Mention any 2 vital strategies for conflict management.
 - (j) Discuss briefly any 2 reasons why business owners may consider exiting or harvesting an enterprise.
 - (k) Define Corporate Entrepreneurship.
 - (l) Mention any 2 popular Food-Franchise Business in India.

2. Discuss the various factors positively influencing entrepreneurship in India. 10

3.
 - (a) Mention with appropriate reasoning the characteristics of a successful entrepreneur.
 - (b) Discuss the major arguments in favour of entrepreneurship, contributing to the economic development of India. 5+5=10

4.
 - (a) What are the major types of family businesses running in India? Give examples.
 - (b) Identify the key features of family businesses. 6+4=10

5. Discuss the various methods of legal protection of ideas. 10

6.
 - (a) Discuss the different types of business structures which an entrepreneurial venture can assume.
 - (b) Define Franchise as a business structure. State the disadvantages of a franchise business. 5+2+3=10

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7. (a) What are the various barriers to creativity?
(b) Discuss the process involved in developing creativity. 5+5=10
8. (a) Pandit Jawaharlal Nehru said "When women move forward, the family moves, the village moves and the nation moves." – Discuss the prospects for Women Entrepreneurs in India.
(b) Explain briefly any 2 sources of entrepreneurial financing.
(c) Provide 2 examples of successful women entrepreneurs. 5+3+2=10
9. (a) Describe the life-cycle of a startup.
(b) What are the ways to evaluate the growth of social entrepreneurship ventures (not for profit businesses)? 5+5=10
10. Write short notes on any 2 : 5x2=10
(a) Evolution of Entrepreneurship.
(b) Role of social venture as a change agent.
(c) Equity financing.
(d) Brainstorming.
(e) Lean Canvas.
11. Critically analyse John Kao's Model on Entrepreneurship. 10

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- (b) A relation R is defined as $R = \{x, y) : x \in N, y \in N \text{ and } 3x + 5y = 30\}$. Find R. 5+5=10
14. (a) If $y = a \cos mx + b \sin mx$, then prove that $d^2y/dx^2 + m^2y = 0$
- (b) Find the maximum and minimum values of the function $y = x^5 - 5x^4 + 5x^3 - 1$. Also find the point of inflection of the function, if exists. 4+3+3+2=10
15. (a) Derivation of Slope of a line.
- (b) Use of Compound interest to Annuity. 5+5=10
16. (a) If 8th term of A. P. Series is 36 and the 1st term is -6, find the value of 'a'.
- (b) Find the value of 19th term, if 'r' = -1 and the 1st term is 4t.
- (c) Form a quadratic equation whose sum of roots are -12 and product of roots are -6. Solve the quadratic equation formed. 3+3+4=10

1ST YEAR (SEM-I) BBA UNIVERSITY EXAMINATION, 2023

(1st Year, 1st Semester)

SUBJECT: ENVIRONMENTAL SCIENCE

PAPER CODE: MAN 104

Time : 3 hours

Full Marks : 100

Answer *Q.no. 9* is compulsory. Attempt *any five(5)* questions from the rest.

1. (i) Explain how mankind is dependent on the various 'spheres' of the environment.
(ii) Mention the different functions of 'forest' as a 'resource'.
(iii) Explain concept of 'Joint Forest Management'. 8+6+2=16

2. (i) Explain the concept of energy cycle and how energy in the ecosystem can be depicted in the form of a food pyramid.
(ii) What are the threats to a grassland ecosystem and how can the grassland ecosystem be conserved? 8+8=16

3. (i) Mention measures that need to be taken for sustainable water management.
(ii) Briefly describe the conflict caused in construction of large dams with suitable example. 8+8=16

4. (i) Define Hotspots of Biodiversity. Mention 3 hotspots of biodiversity in India.
(ii) Explain in-situ and ex-situ conservation methods with examples. 8+8=16

5. Briefly describe the following : 4x4=16
 - (i) World Wide Fund for Nature (WWF-I), New Delhi.
 - (ii) Salim Ali Centre of Ornithology and Natural History, Coimbatore.
 - (iii) Deforestation and Desertification.
 - (iv) Cyclones and Mitigation measures.

6. (i) What are the objectives of the 'Air (Prevention and Control of Pollution) Act, 1981 and The Wildlife Protection Act, 1972?
(ii) Also mention the penalties which would be undertaken if one does not abide by the rules of the above mentioned Acts. 5+5+6=16

7. (i) Explain Rainwater harvesting and Watershed management system.
(ii) Describe the standards for incineration under Biomedical Waste Management (BMWM) Rules, 2016. 8+8=16

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8. (i) Explain the 3Rs principle.
(ii) How is social, environmental and economic pillars linked together to achieve sustainable development. 8+8=16
9. Write short notes on any *four* : 4x5=20
- (i) Biomagnification
 - (ii) Silent Valley Movement
 - (iii) Carbon Footprint
 - (iv) Ecological Pyramids
 - (v) Global Climate Change and its causes
 - (vi) Earth Summit
 - (vii) Acid Rain