

BRAINWARE UNIVERSITY

Course –B.Sc. (CS)

Business System Administration (BCS102)

Semester – 1

Time allotted: 3 Hours Full Marks: 70

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group -A

(Multiple Choice Type Question)

 $10 \times 1 = 10$

- 1. Choose the correct alternatives for the following:
- i) Managers who are the potential users of the MIS should
- a) Describe information need

- b) Identify alternate equipment configurations
- c) Evaluate alternate equipment configurations d) Select the optimum equipment configurations
- ii) The flow of information through MIS is
- a) need dependent
- b) organization dependent
- c) information dependent
- d) management

dependent

- iii) Which of the following is not an extremely important characteristic of useful and effective information?
- a) Accuracy b) Timeliness c) Completeness d) Economy.
- iv) The most important reason for failure of MIS
- a) Use of improper tools for design
- b) Non-involvement of end user.

c)Improper specification

d)None of the above.

v) The fourth level need in Maslow Need Hierarchy is				
a) Self-Esteem	b) Self-Actua	lization c) Sa	fely need	d) None of the above.
vi) Management is linked to information by				
a) Decision b) Data c) Both of the above d) None of the above.				
vii) The last phase in MIS Design is				
a) Planning b) Maintenance c) Design d) Implementation				
viii) An MIS that supports the planning and assessment needs of executive management is a) DSS b) MIS c) TPS d) None of the above				
ix) DBMS is an example of				
a) System Development software b) System Management software				
c) System security software		d) System Maintenance software.		
x) The back bone of any organization is				
a) Information	b)Employee	c)Management	d)Capital	
Group – B				

(Short Answer Type Question)

 $3 \times 5 = 15$

Answer any three of the following questions

- 2. What are the different types of software? Explain with example.
- 3. Write a short note on managerial grid of Leadership.
- 4. Write a short note on Maslow's needs hierarchy theory.
- 5. With reference to Simon's decision making process framework, Think of any organization of your choice and describe the same process. Also mention a clear hierarchy which level of management will take part in which step.
- 6. Write a short note on FOSS.

Group - C

(Long Answer Type Question)

 $3 \times 15 = 45$

Answer any three of the following questions

- 7. Write down the concept of MIS. What are the functions of an MIS? Why MIS is considered as an open, central database oriented and integrated system? [4+5+6]
- 8. In which situation we should use Prototype Model and Spiral Model? What are the advantages of iterative Waterfall model? [6+6+3]
- 9. What do you mean by Planning? Describe the tool of planning which helps to set collaborative goals and plans with an example. [3+6+6]
- 10. What are the characteristics of a good plan? How many types of planning are possible?

 Describe each type of planning with example.

 [5+2+8]
- 11. What is SDLC? What are the different phases of SDLC? What are the necessities of requirement analysis? [3+4+8]