

**BCA UG (CBCS) RUSA Vth Semester
Examination**

4217

**MANAGEMENT INFORMATION SYSTEM
BCA-0503**

Time : 3 Hours]

[Maximum Marks : 70

Note :- Attempt *five* questions in all. Question No. 1 (Part-A) is compulsory containing 10 fill in the blanks of 1 mark each and *five* short answer type questions (25 to 50 words) of 4 marks each. Select *one* question each from Parts B, C, D and E.

Part-A

(Compulsory Question)

1. Fill in the blanks :

- (i) A system is developed in seven phases, which revolve around a life-cycle, called
- (ii) The phase begins after analysis phase.
- (iii) Main tools of structured analysis are, and process description.
- (iv) is derived from processing of data.

- (v) is defined as the actual performance with budgeted performance and issuing directives or guidelines to correct the deviation, if any.
- (vi) is defined as recording, analysing and reporting the actual performance.
- (vii) is the strength of interconnections between modules while is within a module.
- (viii) A chart lists the tasks vertically and the duration of each is indicated by the length of horizontal bar.
- (ix) graphically depicts project tasks and their interrelationships showing the specific activities that must be completed before others can start.
- (x) is the exhaustive and a major quality control process that determines whether the system produces the desired results under known conditions. 1×10=10

Short Answer Type Questions (25 to 50 words) :

- (xi) What is Gantt Chart ? Explain with the help of illustrations.
- (xii) List various tasks performed during preliminary investigation phase.

- (xiii) Differentiate between testing and debugging with the help of suitable examples.
- (xiv) Differentiate between top down design and bottom up design.
- (xv) What is DFD ? Describe the steps to draw various types of DFD. 5×4=20

Part-B

(Unit-I)

2. What do you understand by MIS ? Write down the pros and cons of using MIS in an organisation. 2×5=10
3. Explain the following :
 - (i) Classical Organisational Theory
 - (ii) Contingency Theory 2×5=10

Part-C

(Unit-II)

4. Differentiate between manual information system and computer based information system. What are the steps needed to convert a manual into a computer based system ? 2×5=10
5. Differentiate between Decision Support System (DSS) and Management Information System (MIS) show how DSS is helpful for MIS. 2×5=10

Part-D

(Unit-III)

6. What do you understand by Strategic Planning ?
Write in detail about the strategic planning process. $2 \times 5 = 10$
7. Explain the following terms : $4 \times 2.5 = 10$
- (i) Prototyping
 - (ii) RAD
 - (iii) Life-Cycle Approach (SDLC)
 - (iv) End user development

Part-E

(Unit-IV)

8. What is design documentation ? Explain, write the important contents present in detailed design documentation. $2 \times 5 = 10$
9. Define Input, Output and process design in detailed design process with help of examples. $2 \times 5 = 10$