KUMARAGURU
college of technology
character is life

MCA DEGREE EXAMINATIONS: MAY 2015

(Regulation 2009)

Fifth Semester

MASTER OF COMPUTER APPLICATIONS

MCA521 : Management Information System

Time: Three Hours   **Maximum Marks: 100**

Answer all the Questions

PART A (10 x 2 = 20 Marks)

1. Define data & information.

2. What is an organization?

3. What are the physical components of an organizational information system?

4. Compare Structured and unstructured decisions.

5. What do you mean by decision support system?

6. Define the term protocol and give its key elements.

7. How are the outputs produced by a MIS system classified?

8. Why is a high-level language error prone?

9. What do you mean by collating sequence?

10. What is the use of data validation while processing transaction?

PART B (5 x 16 = 80 Marks)

11. a) (i) Define MIS. How it is important for business? Explain. (10)

     (ii) Write the evaluation process of MIS. (6)

(OR)

   b) (i) Describe the basic model of organizational structure. What are the principles underlying this model? (10)

     (ii) Write a note on integrated systems. (6)

12. a) Describe the structure of MIS based on organizational functions.

(OR)

b) (i) Explain the formalization and centralization with respect to organizational structure. (8)

   (ii) How matrix organization integrates lateral relations? Explain. (8)

13. a) Explain the basic model of organizational structure.

(OR)

   b) (i) Explain the pyramid structure of the MIS. (8)

   (ii) List and discuss the issues in MIS structure. (8)

14. a) What is a database? Explain its types and the way in which it is organized.

(OR)

   b) Enumerate the different types of physical storage devices.

15. a) Explain in detail about phases of life cycle application development.

(OR)

   b) (i) Explain the contingencies leading to uncertainty of the system development (12) process, How they increase or decrease uncertainty?

   (ii) What are the benefits of a prototyping approach to system development? When (4) is it appropriate?

****