

Reg. No. :

D 690

Q.P. Code : [07 DMCA 04]

(For the candidates admitted from 2007 onwards)

M.C.A. DEGREE EXAMINATION, DECEMBER 2015.

First Year

**ANALYSIS AND DESIGN OF INFORMATION
SYSTEMS**

Time : Three hours

Maximum : 100 marks

Answer any FIVE questions.

(5 × 20 = 100)

1. (a) What do you mean by information? Discuss the type of information briefly. (10)
- (b) Describe the requirements of information and management elaborately. (10)
2. (a) State the need for computer based information system. Give example. (10)
- (b) Illustrate the management structure and merits of information management briefly. (10)

3. (a) Discuss the role and attributes of system analyst. Explain some tools used by system analyst briefly. (10)
- (b) Elaborately explain the strategy to gather information. (10)
4. (a) Illustrate the various types of interviews and questionnaires briefly. (10)
- (b) What do you mean by information search? Discuss how do you evaluate it. (10)
5. (a) Describe the various steps in feasibility analysis on project. (10)
- (b) Explain the various methods of cost benefits analysis in detail. (10)
6. (a) What do you mean by decision table? How do you detect logical errors using Karnaugh map briefly? (10)
- (b) Elaborately discuss the extended entry in decision table. (10)
7. (a) Explain the various methods of data input briefly. (10)
- (b) Describe the procedure of detecting errors in codes briefly. (10)
8. (a) Illustrate the design of screens briefly. (10)
- (b) Elaborately discuss the testing of information system. (10)