

M.C.A. Sem - II (Choice Based Credit System 2011 & 2012 Course) :
SUMMER - 2019

SUBJECT : BUSINESS INFORMATION SYSTEMS

Day : Monday
Date : 22/04/2019

S-2019-2166

Time : 10.00 AM TO 01.00 PM
Max. Marks : 100

N.B.

- 1) Attempt any **FOUR** questions from Section – I. Each question carries 15 marks.
 - 2) Attempt any **TWO** questions from Section – II. Each question carries 20 marks.
 - 3) Figures to the right indicate **FULL** marks.
 - 4) Answers to both the sections should be written in **SAME** answer book.
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SECTION – I

- Q.1** Explain water fall model in detail. What are the advantages and disadvantages of it? (15)
- Q.2** Define System? Explain elements of it. (15)
- Q.3** Explain audit and security control in information system with example. (15)
- Q.4** Explain first, second and third normal form. (15)
- Q.5** What do you mean by preliminary investigation of a system? Prepare feasibility report containing cost benefits analysis for a system of your choice. (15)
- Q.6** Write short notes on any **THREE**: (15)
- a) MIS, DSS, ES
 - b) Qualities of software
 - c) Questionnaires
 - d) Agile Methodology

SECTION – II

- Q.7** a) Draw functional decomposition diagram for on line shopping management system. (10)
- b) Draw context level and first level diagram for on-line shopping management system. (10)
- Q.8** a) Draw entity relationship diagram for online shopping management system. (10)
- b) Design related tables with proper constraints and attributes for on-line shopping management system. (10)
- Q.9** a) Design output reports for on-line shopping managements system. (10)
- b) What are the objectives of output design? (10)