

S.D.E.

M.C.A. SEM - V : WINTER - 2017

SUBJECT : ELECTIVE – II: DESIGN & IMPLEMENTATION OF E-COMMERCE APPLICATIONS

Day : **Saturday**
Date : **16/12/2017**

W-2017-4449

Time : **10.00 A.M. TO 1.00 P.M.**
Max. Marks : 80

N.B.:

- 1) Attempt **ANY FIVE** questions from Section – I and **ANY TWO** questions from Section – II.
 - 2) Answers to both the sections should be written in **SEPARATE** answer books.
 - 3) Figures to the right indicate **FULL** marks.
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SECTION – I

- Q.1** Define E-commerce. Differentiate between E-commerce practices and traditional practices. [10]
- Q.2** Explain with example various business models of e-commerce. [10]
- Q.3** What is e-auction? Explain types of e-auction with example. [10]
- Q.4** Explain the various issues for hosting services of ISP. [10]
- Q.5** Explain in detail various security issues in e-commerce. [10]
- Q.6** What are the various payment systems in e-commerce? Explain with example. [10]
- Q.7** Write short notes on **ANY TWO** of the following: [10]
- a) Internet protocols
 - b) DNS
 - c) Firewall

SECTION – II

- Q.8** Design an e-commerce application for E-education system with block diagram. [15]
- Q.9** Define e-services. List various categories of e-services. Explain e-trading system in detail with block diagram. [15]
- Q.10** What is cryptography? Explain with example symmetric and asymmetric encryption. [15]

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