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Roll No. ....

**MCA-22B (Elective II)**  
**E-Commerce**  
**Master of Computer Applications**  
**(MCA-11/16/17)**  
**6th Semester, Examination-2019**

*Time : 3 Hours*

*[Maximum Marks : 80*

**Note :** This paper is of Eighty (80) marks divided into two (02) Sections A and B. Attempt the questions contained in these sections according to the detailed instructions given therein.

**Section–A**

**Long Answer Types Questions**

**Note :** Section ‘A’ contains Five (05) long-answer-type questions of Fifteen (15) marks each. Learners are required to answer any three (03) questions only. **(3×15=45)**

1. Explain SET protocol used in credit card transactions. What is the main interesting aspect of SET protocol which gives confidence to cus-

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- tomers transacting business using the internet?
2. Consider an online banking system and discuss the security and privacy policy issues related to electronic cash.
3. Explain how SSL protocol is used for secure transaction. Explain the advantages and disadvantages of e-commerce.
4. Describe the working of public key cryptography. How does the addition of a digital signature change the process ?
5. Discuss how E-Commerce framework is being built on WWW architecture.

**Section–B**

**Short Answer Types Questions**

**Note :** Section ‘B’ contains Eight (08) short-answer-type questions of Seven (07) marks each. Learners are required to answer any Five (05) questions only. **(5×7=35)**

1. Explain the use of payment gateways for consumer in India.
2. Differentiate between E-Commerce and E-Business.

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3. Explain HTTP and FTP.
4. Explain the ways and means of protecting online website operations from hackers.
5. What are the business models of E-Commerce?
6. Explain the Role of Government in regulating the Internet Censorship.
7. Explain the historical background, Object, Extent, Scope and Commencement of the Information Technology Act.
8. Briefly explain the different message authentication functions with neat diagram.