

(i) Printed Pages : 2 Roll No. ....

(ii) Questions : 9 Sub. Code : 

1	7	5	8	8
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Exam. Code : 

0	0	0	6
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B.A./B.Sc. (General) 6<sup>th</sup> Semester  
(2056)

COMPUTER SCIENCE

Paper : CS11 E-Commerce

Time Allowed : 3 Hours]

[Maximum Marks : 30

Note :- Attempt **five** questions in all, including Question No. 9 (which is compulsory) and attempt remaining **four** questions by selecting **one** question from each section. All questions carry equal marks.

**SECTION—A**

1. What is E-Commerce? Explain its types and applications in detail.
2. Explain the concept of Internet and WWW. Discuss Web architecture and its components.

**SECTION—B**

3. Explain the life cycle of website designing and hosting in detail.
4. Discuss the implementation and maintenance strategies of E-Commerce.

## SECTION—C

5. What are the various electronic payment systems? Discuss credit cards, debit cards, smart cards, and e-wallets.
6. What is Internet marketing? Explain techniques used to attract and track customers online.

## SECTION—D

7. Explain Firewalls, Proxy servers, and Gateways. Discuss their advantages and disadvantages in detail.
8. What is transaction security? Explain digital signatures and digital certificates in detail.

### (Compulsory Question)

9. Attempt all the following questions (short answer type) :
  - (a) Discuss the history of E-Commerce.
  - (b) What is a Search Engine? What is its use?
  - (c) What are the ethical issues in E-Commerce?
  - (d) What are the types of transactions?
  - (e) Differentiate between Asymmetric and Symmetric encryption.