Government College of Engineering, Amravati
(An Autonomous Institute of Government of Maharashtra)

Sixth Semester B. Tech. (Information Technology)

Summer – 2018

Course Code: ITU603

Course Name: E-Commerce

Time: 2 Hrs. 30 Min.   Max. Marks: 60

Instructions to Candidate
1) All questions are compulsory.
2) Assume suitable data wherever necessary and clearly state the assumptions made.
3) Diagrams/sketches should be given wherever necessary.
4) Use of logarithmic table, drawing instruments and non-programmable calculators is permitted.
5) Figures to the right indicate full marks.

1   Solve the following.
  (a)   Define and explain :   6
                 i)Electronic Commerce
                 ii) EDI
                 iii) Online Web Selling

  (b)   What is Secure Electronic Transaction (SET)?   6
         i)Explain participants of SET
         ii) Brifely describe the sequence of events that are required for transaction.

2   Solve any Two.
  (a)   What is Firewall? Explain the terms :   6

i)Packet filters ii)Application Layer.

(b) Differentiate between Symmetric cryptography and Asymmetric cryptography. 6

(c) Describe the process of Account holder registration with the help of diagram. 6

3   Solve any Two

(a) What is Payment information integrity? Explain the different methods of achieving Payment information integrity. 6

(b) Explain Payment authorization in Electonic Payment and Purchase order process. 6

(c) Explain the terms: 6
         i) Passive Threats
         ii) Active Threats

4   Solve any Two
(a) What is S/MIME? Explain in detail. 6

(b) How does Email works in Client Server Based System? 6

(c) Explain Key Distribution with the help of diagram. 6

5   Solve the following.
(a) Which are the Internet tools relevant to commerce? 6

(b) Explain the concept of Internet Searching in detail. 6