

Introduction to Computer Network, Internet and E-Commerce-202

Sem-II

Time: 3hrs

M.M.-70

Note:- The candidates are required to attempt two question each from Section A&B
Section C will be compulsory.

Section-A

- Q1. Explain various network topologies. Write advantages and disadvantages of each topology. 10
- Q2. Explain the structure of TCP/IP reference model along with the protocols used in each layer. 10
- Q3. Explain the structure and working of email system. 10
- Q4. What is the use of online conferencing tool? Explain any two online conferencing tool in detail. 10

Section-B

- Q5. Write the advantages and disadvantages of e-commerce. 10
- Q6. What is the required infrastructure for e-commerce business model. 10
- Q7. What are different types of cards used for e-payments. Explain the uses and risk involved in payment through cards. 10
- Q8. Explain the e-payments mode supported by the payment gateways. 10

Section-C

- Q9. (a) What are basic elements of networking?
(b) Which layers of OSI reference model are missing in TCP/IP model?
(c) What is ARPANET?
(d) What is the structure of IP address?
(e) What is the use of DNS?
(f) What is a repeater?
(g) Define e-commerce.
(h) Write advantages of e-payments.
(i) How OTP is used for secure payments?
(j) What is e-cash?

10X3=30