

Total No. of Questions : 8]

[Total No. of Printed Pages : 2

[2]

Roll No .....

## MCSE-201

M.E./M.Tech., II Semester

Examination, November 2019

### Web Technology and E-Commerce

Time : Three Hours

Maximum Marks : 70

- Note:** i) Attempt any five questions.  
ii) All questions carry equal marks.

1. a) Write the difference between ARP and RARP in detail. 7  
b) Explain DHCP protocol in detail. 7
2. a) Write a program for displaying image in HTML. 7  
b) How does DNS work in internet? Also explain what are domain servers? 7
3. a) What do you mean by Ontology? What are the common components of ontologies? 7  
b) What are the naming rules of XML? 7
4. a) What is E-commerce? What are the advantages and disadvantages of E-commerce. 7  
b) Explain SET protocol for credit card payment. 7
5. a) Differentiate between e-cash and e-cheque. 7  
b) What is firewall? Explain the different types of firewalls. 7

6. a) What measures should be taken to secure the transactions over the internet? 7  
b) Write benefits of WAP to E-commerce. 7
7. a) Explain mobile agents in detail. 7  
b) Write different types of Encryption schemes in detail. 7
8. Write short note (any two): 14  
a) 4C payment methods  
b) Digital signature  
c) Business models

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