

322355(22)

B.E. (Third Semester) Examination, April-May, 2016

(New Scheme)

(CSE Engg. Branch)

COMPUTER CONCEPTS and WEB TECHNOLOGY

*Time Allowed : Three hours**Maximum Marks : 80**Minimum Pass Marks : 28*

Note : Part (a) of each unit carries 2 marks from (b), (c) and (d) of each question carries 7 marks each.

Unit-I

- (a) Define OS. 2
- (b) What are the various ways by which you can classify computer? Discuss each in brief. 7

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- (c) What do you mean by input units? Draw and explain any five input devices. 7
- (d) Discuss about the various storage media. 7

Unit-II

2. (a) What are protocols? 2
- (b) Write short notes on : 7
- (i) Choosing an ISP
- (ii) Protocols governing web
- (c) Explain in brief about email concepts and sending an receiving secure email. 7
- (d) Discuss the various types of transmission mode. 7

Unit-III

3. (a) What are web browsers? 2
- (b) Design an HTML page which makes use of internal and external hyperlinking as well as image as link. 7
- (c) What is DTD? Discuss its types and advantages. 7

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(d) What is XML? Write short notes on :

- (i) XML schemes
- (ii) Entities
- (iii) Namespaces

7

Unit-IV

4. (a) What is AJAX?

2

(b) Discuss in brief the various operators of Java script.

7

(c) Illustrate with suitable example, the concept of control statements, try.....catch statements and throw statements in Java script.

7

(d) Write a Java script making use of class selector, div and span tag.

7

Unit-V

5. (a) What do you mean by DOM?

2

(b) Write short notes on :

7

(i) CGI

(ii) PERL

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(c) Explain the life cycle of applet.

7

(d) What is Java? Discuss its characteristics and working.

7