

END TERM EXAMINATION

FOURTH SEMESTER [MCA] MAY-JUNE 2018

Paper Code: MCA-210

Subject: Web Technologies

Time: 3 Hours

Maximum Marks: 75

Note: Attempt any five questions including Q no.1 which is compulsory.

Q1 Answer the following questions:- (any five) (5x5=25)

- (a) Why do we create HTML forms? Explain using suitable example.
- (b) What is cascading style sheet?
- (c) Explain UDDI?
- (d) What are ASP.NET web applications?
- (e) Describe XML schema?
- (f) What are features of Dream Weaver?
- (g) Why form validation is required?

Q2 (a) Write short note on DHTML. Write a DHTML to demonstrate event handling related to mouse. (7.5)

(b) What is java scripting language? What are its advantages? (5)

Q3 (a) What do you understand by building ASP.NET page and building forms with web server controls? (6.5)

(b) Write the differences and similarities between HTML and DHTML. (6)

Q4 (a) Explain the following objects of ADO.NET: SqlConnection, SqlCommand, SqlDataAdapter with example. (6.5)

(b) What is dataset object? What is the difference between dataset and datareader? (6)

Q5 (a) Write the SOAP message structure and specify the web services available in SOAP. (7.5)

(b) What are XML namespaces? Why do we need them? (5)

Q6 (a) What is cloud computing technique? What are the advantages of that technique? (7.5)

(b) Explain web services description language in short. (5)

Q7 (a) What are sessions in ASP.NET applications? Explain the work of session state in ASP.NET. (7.5)

(b) Explain form based authentication. How do we implement it? (5)

Q8 (a) What do you understand by encrypting data over the network? (7.5)

(b) Write a case study for developing interactive web base applications. (5)
