

9. (a) Discuss in detail ASP.NET page life cycle. 10  
(b) Explain the impact of technological advances on a web. 10

Roll No. ....

24267

**B. Tech. 5th Semester (CSE)**

**Examination – December, 2016**

**WEB DEVELOPMENT**

Paper : CSE-307-F

*Time : Three Hours ]*

*[ Maximum Marks : 100*

*Before answering the question, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.*

*Note : Question No. 1 is compulsory. Attempt five questions in all, selecting one question from each Section. All Questions carry equal marks.*

1. Attempt all questions in brief :  $8 \times 2.5 = 20$

- (a) What is the difference between yielding and sleeping ?  
(b) How can a dead thread be restarted ?  
(c) What is DOM and how it relates to XML ?  
(d) What type of parameter passing does Java support ?

- (e) How does ASP differ from HTML ?
- (f) What is a Scriptlet ?
- (g) What do you mean by .NET framework ?
- (h) Explain four standard data types of JAVA.

### SECTION - A

- 2. (a) What is an applet ? Explain life cycle of an applet. 8
- (b) Create your own resumption, like behaviour using a while loop that repeats until an exception is no longer thrown. 12
- 3. (a) Write a program in java to implement method Overriding. 10
- (b) Create a class package and then create an instance of your class outside of that package ? 10

### SECTION - B

- 4. (a) What are different ways for creating style sheet ? Explain. 10

- (b) Write a script that validate input e-mail address in HTML forms before sending to a server. 10
- 5. (a) How do you link documents in javascript ? 10
- (b) Write a script that calculates the net salary of an employee. 10

### SECTION - C

- 6. (a) What are control structures in PERL ? 10
- (b) What is JSP and explain its architecture ? How JSP is Different from ASP and CGI ? Explain. 10
- 7. (a) Describe the working paradigm of CGI. 10
- (b) How form processing takes place using VB script ? Explain it with an example. 10

### SECTION - D

- 8. (a) Explain VRML tools and its features. 10
- (b) Discuss various features of .NET technology. Compare All features with various competing technologies with Advantages and disadvantages. 10