

Roll No.

24267

**B. Tech. 5th Semester (CSE)
Examination – February, 2022**

WEB DEVELOPMENT

Paper : CSE-307-F

Time : Three Hours]

[Maximum Marks : 100

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

1. Attempt all questions in brief : 4 × 5 = 20
- (a) Generics and collections in detail.
 - (b) The doubling code and RDF.
 - (c) Input/output operations on WWW.
 - (d) The VRML idea.

SECTION - A

2. (a) Differentiate between packages and interface in java. 10
- (b) Create your own resumption, like behaviour using a while loop that repeats until an exception is no longer thrown. 10
3. (a) Write a program in java to create your own exceptions. 10
- (b) Explain Access Specifiers with one example ? 10

SECTION - B

4. (a) What is CSS ? Write CSS for a HTML-page to :
 - (i) Set background color, 10
 - (ii) Increase spacing between lines, 10
 - (iii) Hyperlink with underline. 10
- (b) List and state all meta tags and semantic tags. 10
5. (a) Discuss java script object model. How event and forms handling take place ? 10
- (b) Write short notes on XML and W3C. 10

24267- (P-3)/(O-9/22) (2)

SECTION - C

6. (a) What are control structures in PERL ? 10
- (b) How JSP provide connectivity to databases ? Also differentiate JSP and ASP. 10
7. (a) What is CGI technology ? Which language is used for it ? How will you test and debug a CGI application ? 10
- (b) How form processing takes place using PERL ? Explain it with an example. 10

SECTION - D

8. Discuss Various features of .NET technology. Compare All features with various competing technologies with Advantages and disadvantages. 20
9. Discuss various issues and development of applets and servlets. Differentiate applets and servlets. By assuming any example design one applets and servlets using java. 20

24267- (P-3)/(O-9/22) (3)