

Code: IT5T4

**III B.Tech-I Semester–Regular / Supplementary Examinations  
March 2021**

**WEB TECHNOLOGIES  
(INFORMATION TECHNOLOGY)**

Duration: 3 hours

Max. Marks: 70

**PART – A**

Answer *all* the questions. All questions carry equal marks

11x 2 = 22 M

1.

- a) How to create headings in HTML?
- b) Write short notes on creating object in java script?
- c) How to display XML content using any scripting languages?
- d) List some properties of JAVA beans.
- e) What are the important components of JDBC? Mention their usage.
- f) What is Servlet life cycle?
- g) What are the Problems with Servlets?
- h) What are the steps involved in HTTP request?
- i) What are the advantages of using JSP?
- j) Write the steps involved in JSP life cycle.
- k) What is Generic Servlet Class? Write any four methods.

## PART – B

Answer any **THREE** questions. All questions carry equal marks.

3 x 16 = 48 M

2. a) Illustrate an example to create Forms and HTML controls on a web page. 8 M
- b) Explain about working with Control Flow statements in JavaScript. 8 M
3. a) Explain in detail about Document Object Model (DOM). 8 M
- b) Illustrate with example on Extensible Style Sheet Language Transformation (XSLT). 8 M
4. a) Explain in detail about JDBC Architecture with neat diagram. 8 M
- b) Explain about Generic Servlet Class with example. 8 M
5. a) Explain the working with initialization parameters in HTTP and Servlets. 8 M
- b) Explain about request dispatcher interface in Servlets. 8 M
6. a) Explain in detail about JSP Life Cycle. 8 M
- b) Illustrate the working procedure of JSP standard Tag Library with examples. 8 M