Reg. No. : ☐☐☐☐☐☐☐☐☐☐☐☐

Question Paper Code : 20391

B.E./B.Tech. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2018.

Seventh Semester

Electronics and Communication Engineering

EC 6008 – WEB TECHNOLOGY

(Regulations 2013)

Time : Three hours   Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. List any two features of Web Technology.

2. Define : An Object in Java.

3. Mention any two salient features of Java.

4. Define: Internet Protocol (IP).

5. List any two features of Client/Server technology.

6. What is a Parser?

7. Define: AJAX.

8. Define: Servlet.

9. Define: HTTP.

10. What is meant by Real-Time Software Development?

PART B — (5 × 13 = 65 marks)

11. (a) Write an Applet program to compare Cricket Scores of two teams 'A' and 'B'.

Or

(b) Explain briefly the usage of I/O streams in Java.

12. (a) What is URL? Why it is required in web pages? Give examples.

Or

(b) Explain the terms: POP, SMTP, FTP, TCP.

13. (a) Discuss the features of XML in creating a secured Web Page.

Or

(b) Discuss the application of AJAX in client server application development.

14. (a) Write down the steps in establishing a JDBC Connection. Give examples.

Or

(b) Explain briefly the benefits of Enterprise Java Beans.

15. (a) Explain the elements of MVC Architecture.

Or

(b) Discuss the queries for retrieval of objects.

PART C — (1 × 15 = 15 marks)

16. (a) Discuss the need for Configuration Settings in a Web Application. Illustrate with an example.

Or

(b) Describe the Life Cycle of a Servlet. Illustrate with an example.