Question Paper Code : 20425

B.E./B.Tech. DEGREE EXAMINATIONS, APRIL/MAY 2022.

Sixth Semester

Computer Science and Engineering

CS 8651 — INTERNET PROGRAMMING

(Common to Computer and Communication Engineering)

(Regulations 2017)

Time : Three hours   Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1.   What is Web Client?

2.   What do you mean by Web Server?

3.   How do you define Regular Expression?

4.   What is JSON? Whether it is platform dependent?

5.   Define Servlets Technology.

6.   What is session handling in web programming?

7.   What is form validation in PHP?

8.   Explain the use of XML Parser.

9.   What do you mean by web services?

10.   Define http request object.

PART B — (5 × 13 = 65 marks)

11.   (a)   Illustrate the techniques used to optimize website assets loading.

Or

(b)   Explain the seven values of position attributes that is used to position an HTML element.

12. (a) Whether javascript a statically typed or dynamically typed language. Justify your answer with examples.

Or

(b) Detail and discuss the properties of DOM Model.

13. (a) Explain the Single-Thread Model in Servlets. How does Servlets Collaboration take place?

Or

(b) Explain JDBC and its components.

14. (a) Explain the features of the Built-in functions in PHP with examples.

Or

(b) Explain XML Document Type Definition.

15. (a) Explain http request object and call back methods.

Or

(b) Explain the important features of web services with details.

PART C — (1 × 15 = 15 marks)

16. (a) Illustrate the different types of JDBC drivers in Java. Explain each with an example.

Or

(b) Illustrate the process of handling concurrent Ajax request.