Reg. No. : ☐☐☐☐☐☐☐☐☐☐☐☐

Question Paper Code : 27171

B.E./B.Tech. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2015.

Fifth Semester

Computer Science and Engineering

CS 6501 — INTERNET PROGRAMMING

(Regulations 2013)

Time : Three hours   Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Define an abstract class. Give example.

2. Expand DOM, AJAX, AWT, JDBC.

3. List the unique features of java.

4. Differentiate internet and intranet.

5. What are cookies? Give its uses.

6. Define event programming. Name any 2 of its techniques.

7. What is XML parse tree?

8. Name any four built-in functions in PHP.

9. What is a web service? Give any four examples.

10. List any four merits for usage of AJAX in web services.

PART B — (5 × 16 = 80 marks)

11. (a) (i)   Write a Java program to draw smiley ☺ using applet.   (10)

        (ii) Compare overloading and overriding.   (6)

                                    Or

    (b)   Describe the following :

        (i)   Multithreading in java.   (8)

        (ii) Exception handling in Java.   (8)

12. (a) Discuss on

   (i) web servers (8)

   (ii) XHTML. (8)

Or

(b) Elaborate with example the usage of CSS in HTML. (16)

13. (a) Using HTML and JSP, design a scientific calculator. (16)

Or

(b) Explain

   (i) DOM model (8)

   (ii) Database connectivity. (8)

14. (a) Write a PHP program to do string manipulations. (16)

Or

(b) Explain in detail about

   (i) XML schema. (8)

   (ii) XML parsers and validation. (8)

15. (a) Discuss Ajax client server architecture in detail. (16)

Or

(b) Write short notes on :

   (i) SOAP (8)

   (ii) WSDL. (8)

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