PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BCA DEGREE EXAMINATION MAY 2024
(Sixth Semester)

Branch – **COMPUTER APPLICATIONS**

WEB SERVICES

Time: Three Hours   Maximum: 50 Marks

SECTION-A (5 Marks)
Answer ALL questions
ALL questions carry EQUAL marks   (5 x 1 = 5)

1. What does XML stand for?
   a) eXtensible Markup Language
   b) Extensible Model Language
   c) Extraordinary Markup Language
   d) Extensive Markup Language

2. What does SOAP stand for, and what is its basic message structure?
   a) SOAP stands for Simple Object Access Protocol, and its basic message structure includes Envelope, Header, and Body.
   b) SOAP stands for Service-Oriented Architecture Protocol, and its basic message structure includes Header, Body, and Footer.
   c) SOAP stands for Structured Object-oriented Access Protocol, and its basic message structure includes Body, Envelope, and Header.
   d) SOAP stands for Secure Object Authorization Protocol, and its basic message structure includes Body, Envelope, and Signature.

3. Which Java operator is used for assigning a value to a variable?
   a) =   b) ==   c) ===   d) =>

4. Which protocol is commonly used in web service technology for communication between applications over a network?
   a) HTTP   b) FTP   c) TCP   d) UDP

5. What purpose does an XML Digital Signature serve in XML documents?
   a) Ensures data confidentiality
   b) Validates the XML document's structure
   c) Provides a means of encryption
   d) Verifies the integrity and origin of the XML document

SECTION - B (15 Marks)
Answer ALL Questions
ALL Questions Carry EQUAL Marks   (5 x 3 = 15)

6 a. Summarize the role of XML.
                    OR
   b. Explain the XML Infrastructure Technologies.

7 a. Narrate the importance of SOAP.
                    OR
   b Illustrate the need of SOAP Design Patterns.

8   a. Justify the operators with example in JavaScript.
                  OR
    b. Specify the role of Form Elements in JavaScript.

9   a. Describe the requirements of UDDI.
                  OR
    b. Discuss the advantages of E- commerce.

10 a. List out the importance of XML Security Framework.
                  OR
    b. Narrate the XKMS Structure with diagram.

SECTION -C (30 Marks)
Answer ALL questions
ALL questions carry EQUAL Marks   (5 x 6 = 30)

11 a. Evaluate the XML Language Tags with examples.
                  OR
    b. Explain the Structuring with Schemas.

12 a. Specify the importance of HTTP.
                  OR
    b. Describe the SOAP with Attachments in detail.

13 a. Enumerate the Working with Objects Properties in JavaScript.
                  OR
    b. Bring out the importance of Area Object.

14 a. Illustrate the need of Web Services.
                  OR
    b. Highlight the working of .Net Framework.

15 a. Explain the general architecture of WSDI.
                  OR
    b. Sketch the Guidelines for Signing XML Documents.

Z-Z-Z   END