PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BCA DEGREE EXAMINATION DECEMBER 2022
(Sixth Semester)

Branch – **COMPUTER APPLICATIONS**

WEB SERVICES

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)
Answer ALL questions
ALL questions carry EQUAL marks
(10 x 1 = 10)

1. Is it easier to process XML than HTML?

    (i) Yes

    (iii) Some times

    (ii) No

    (iv) May be

2. Which statement is true?

    (i) All the statements are true

    (ii) All XML elements must have a closing tag

    (iii) All XML elements must be lower case

    (iv) All XML documents must have a DTD

3. A web service contract is described using

    (i) Web Language

    (iii) Web Services Description Language

    (ii) Web Description

    (iv) Web Services Description

4. Which of the following component of Web services describes interface to web services?

    (i) DOM

    (iii) SOAP

    (ii) WSDL

    (iv) UDDI

5. _____ JavaScript is also called client – side JavaScript.

    (i) Navigator

    (iii) Live Wire

    (ii) Microsoft

    (iv) Native

6. ___ JavaScript is also called server – side JavaScript.

    (i) Microsoft

    (iii) Native

    (ii) Live Wire

    (iv) Navigator

7. Web services are ___ .

    (i) Application Design Tool

    (iii) Application Component

    (ii) Design Tool

    (iv) Application IDE

8. Which directory of web service interface described by WSDL?

    (i) HTTP

    (iii) XML

    (ii) DNS

    (iv) UDDI

9. A digital signature is a mathematical technique which validates?

    (i) All the below

    (iii) Integrity

    (ii) Authenticity

    (iv) Non - Reputation

10. A ___ produces a signature for the document.

    (i) Key generation algorithm

    (iii) Signature verifying algorithm

    (ii) Signing algorithm

    (iv) Authentication

SECTION - B (25 Marks)
Answer **ALL** questions
ALL questions carry **EQUAL** Marks   (5 x 5 = 25)

11 a Analyze XML Language tags.
OR
b Apply the concept of DTD in XML. How?

12 a Bring out SOAP protocols.
OR
b Prepare SOAP Design patterns.

13 a Produce Dialog box.
OR
b State String Objects in Javascript.

14 a Outline of a .NET Framework.
OR
b Explain Opportunity and risk.

15 a Discuss the XKMS structure.
OR
b Conclude XML Encryption.

SECTION -C (40 Marks)
Answer **ALL** questions
ALL questions carry **EQUAL** Marks   (5 x 8 = 40)

16 a Enumerate about revolutions of XML.
OR
b Demonstrate XML Namespaces.

17 a Summarize the importance of SOAP.
OR
b Explain the term HTTP and RPC.

18 a Discover Handling Events in Javascript.
OR
b Elucidate the various operators in Javascript.

19 a Examine about E – Commerce.
OR
b Distinguish between UDDI and WSDL.

20 a Conclude Digital Signature.
OR
b Summarize Canonicalization.

Z-Z-Z   END