

PSG COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
BCA DEGREE EXAMINATION MAY 2014  
(Sixth Semester)

Branch – COMPUTER APPLICATIONS

XML & WEB SERVICES

Time : Three Hours

Maximum : 75 Marks

SECTION-A (20 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (10 x 2 = 20)

- 1 Write the role of XML.
- 2 Mention the need of SoA.
- 3 What do you mean by namespace?
- 4 Write the purpose of DTD.
- 5 Define W3C consortium.
- 6 When do SOAP faults occur?
- 7 What qualifies as web services?
- 8 What is UDDI?
- 9 What is Single-key cryptography?
- 10 Define XKMS structure.

SECTION - B (25 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 5 = 25)

- 11 a Discuss on architectural revolution of XML.  
OR  
b Write short notes on Web services.
- 12 a Explain about Transformation techniques used in XML.  
OR  
b Describe the purpose of Schema and DTD.
- 13 a Briefly explain about XML-RPC.  
OR  
b Write short notes on SOAP message structure.
- 14 a Describe the concepts of ebXML.  
OR  
b Discuss on Web services and E-commerce.
- 15 a Briefly explain about XML security frame work.  
OR  
b Describe the steps on generation of XML encryption.

SECTION - C (30 Marks)

Answer any THREE Questions

ALL Questions Carry EQUAL Marks (3 x 10 = 30)

- 16 Describe in detail about Service oriented architecture (SoA).
- 17 Explain XML infrastructure in detail.
- 18 Discuss about SOAP protocol with structure.
- 19 Explain the concepts of WSDL with example.
- 20 Describe the concepts of Security overview in general.

Z-Z-Z

END