PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BCA DEGREE EXAMINATION MAY 2017
(Sixth Semester)

Branch- COMPUTER APPLICATIONS

CORE ELECTIVE - II WEB SERVICES

Time : Three Hours   Maximum : 75 Marks

SECTION S (20 Marks)
Answer ALL questions
ALL questions carry EQUAL marks   (10 x 2 = 20)

1   Write a simple XML markup of customer information.
2   Define SOAP.
3   Write any two XML technology family.
4   What is schema?
5   Differentiate HTTP & FTP,
6   List out the data types in XML - RPC.
7 ' What is WSDL?
8   Write the technical components of .NET.
9   List out the basic security requirement for e-business.
10   State the three XML security technologies.

SECTION - B (25 Marks)
Answer ALL Questions
ALL Questions Carry EQUAL Marks (5 x 5 = 25)

11 a List out the advantages of XML.   &
                       OR
    b Explain architecture revolution of XML.

12 a   Explain the use of DTD with suitable example.
                       OR
    b Give a detailed note on DOM.

13 a What are the features of SOAP?
                       OR
    b Write a note on XML - RPC request & response'.

14 a Explain Microsoft .NET platform.
                       OR
    b Describe XML technical architecture.

15 a Write short notes on "Canonicalization".
                       OR
   ' b Explain XML digital signature elements.

SECTION - C (30 Marks)
Answer any THREE Questions
ALL .Questions Carry EQUAL Marks (3 x 10 = 30)

16   Explain: "Data revolution of XML".

17   Describe XML transformation with example.

18   Explain SOAP protocol & SOAP message structure.

19   Write a detailed note on web service architecture & key technologies.

20   . Explain how public key cryptography is implemented for secure communication.