Shree Manibhai Virani and Smt. Navalben Virani Science College (Autonomous), Rajkot

Affiliated to Saurashtra University, Rajkot

SEMESTER END EXAMINATION NOVEMBER 2018

Bachelor of Computer Application / B.Sc. Information Technology

16UCACC22 / 16UITCC22 – WEB SERVICES API-JSON/XML (SELF STUDY)

Duration of Exam –2 hrs   *Semester – V*   *Max. Marks – 35*

Part A *(6X1= 6 marks)*
Answer **ALL** questions

1. Write a full form of API.

2. Write a full form of SOA.

3. Write a full form of DTD.

4. Write a full form of JSON.

5. Write a full form of SOAP.

6. Write a full form of XML.

Part B *(3X5= 15 marks)*
Answer **ALL** questions

7a. What are Web Services? How Does a Web Service Work? Explain in detail.

OR

7b. What are the data types supported by JSON? Explain with appropriate example.

8a. Write any 5 difference: JSON vs XML.

OR

9b. Explain JSON object and JSON array with example.

9a. What is DTD? Explain DTD Elements and DTD Attributes

OR

9b. Explain JSON Advantages and Disadvantages.

Part C *(2X7= 14 marks)*
Answer **ALL** questions

10a. Explain Implode, Explode, json_decode() function with example?

OR

10b. What is web service? Explain Architecture of web service.

11a. Overview of XML, document and element explain with appropriate example.

OR

11b. Explain any three constant of json_encode() function with example ?

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