

# C.U.SHAH UNIVERSITY

## Winter Examination-2021

**Subject Name : Service Oriented Computing**

**Subject Code : 4TE07SOC1**

**Branch: B.Tech (CE)**

**Semester: 7**

**Date: 13/12/2021**

**Time: 02:30 To 05:30**

**Marks: 70**

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
  - (2) Instructions written on main answer book are strictly to be obeyed.
  - (3) Draw neat diagrams and figures (if necessary) at right places.
  - (4) Assume suitable data if needed.
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|            |   |             |
|------------|---|-------------|
| <b>Q-1</b> | <b>Attempt the following questions:</b>     | <b>(14)</b> |
|            | a) Explain MSIL.                            | 1           |
|            | b) What do you mean by Well Formed XML?     | 1           |
|            | c) List out different role of Web services? | 1           |
|            | d) Explain task of Parser.                  | 1           |
|            | e) What is Yellow pages in UDDI registry?   | 1           |
|            | f) Define Legacy System                     | 1           |
|            | g) What do you mean by open environment?    | 1           |
|            | h) What is Integration?                     | 1           |
|            | i) What is Interoperation?                  | 1           |
|            | j) What is P2P Model?                       | 1           |
|            | k) What is RMI?                             | 1           |
|            | l) What is Model Driven Architecture?       | 1           |
|            | m) What is Semantic Web?                    | 1           |
|            | n) Define schema.                           | 1           |

**Attempt any four questions from Q-2 to Q-8**

|            |   |             |
|------------|---|-------------|
| <b>Q-2</b> | <b>Attempt all questions</b>                                  | <b>(14)</b> |
|            | (a) What is SOA? Explain Characteristics of SOA.              | (7)         |
|            | (b) Write a short note on XML.                                | (7)         |
| <b>Q-3</b> | <b>Attempt all questions</b>                                  | <b>(14)</b> |
|            | (a) Explain Life cycle of SOA.                                | (7)         |
|            | (b) Explain WSDL Structure with proper example.               | (7)         |
| <b>Q-4</b> | <b>Attempt all questions</b>                                  | <b>(14)</b> |
|            | (a) Explain Architecture of web services.                     | (7)         |
|            | (b) Describe SOAP request and response model with an example. | (7)         |



