

Enrollment No: \_\_\_\_\_ Exam Seat No: \_\_\_\_\_

# C.U.SHAH UNIVERSITY

## Summer Examination-2020

**Subject Name : Introduction to Cloud Computing**

**Subject Code : 5CS03WIC1**

**Branch: M.Sc.I.T. (WebTech)**

**Semester: 3**

**Date: 27/02/2020**

**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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### SECTION – I

**Q.-1 Attempt following.**

- |   |   |
|---|---|
| a) What do you mean by cloud computing?   | 2 |
| b) Define the term: IaaS                  | 1 |
| c) List out advantages of cloud computing | 2 |
| d) What is AWS?                           | 1 |
| e) Define the term: PaaS                  | 1 |

**Q.-2 Attempt following.**

- |  |   |
|--|---|
| a) Discuss various benefits of cloud computing     | 7 |
| b) Discuss cloud infrastructure management         | 7 |
| OR   |   |
| a) Explain challenges and risks of cloud computing | 7 |
| b) Describe cloud computing stack                  | 7 |

**Q.-3 Attempt following.**

- |                                     |   |
|-------------------------------------|---|
| a) Describe Identity as a Service   | 7 |
| b) Explain private and public cloud | 7 |
| OR                                  |   |
| a) Describe load balancing in cloud | 7 |
| b) Write a note on: Hyper visors    | 7 |



**SECTION – II**

**Q.-4 Attempt following.**

- |  |   |
|--|---|
| a) What do you mean by abstraction?          | 2 |
| b) What is service oriented architecture?    | 2 |
| c) List out disadvantages of cloud computing | 2 |
| d) List various cloud service provider       | 1 |

**Q.-5 Attempt following.**

- |   |   |
|---|---|
| a) Discuss Cloud ecosystem                      | 7 |
| b) Describe deployment model of cloud computing | 7 |

OR

- |                                    |   |
|------------------------------------|---|
| a) Explain storage as a service    | 7 |
| b) Write a note on: virtualization | 7 |

**Q.-6 Attempt following.**

- |   |   |
|---|---|
| a) Explain virtual machine migration services | 7 |
| b) Discuss cloud management standards         | 7 |

OR

- |  |   |
|--|---|
| a) Describe cloud security challenges        | 7 |
| b) Discuss general issues securing the cloud | 7 |

