

Roll No. : .....

Total No. of Questions : 11 ]

[ Total No. of Printed Pages : 3

# **BPF-2228**

**M.Sc. (Final) Examination, 2022**

**COMPUTER SCIENCE**

Paper - MCS-205 (C)

**(Cloud Computing)**

*Time : 3 Hours ]*

*[ Maximum Marks : 50*

**Section-A**

**(Marks : 2 × 10 = 20)**

*Note :-* Answer all *ten* questions (Answer limit **50** words). Each question carries **2** marks.

**Section-B**

**(Marks : 3 × 5 = 15)**

*Note :-* Answer all *five* questions. Each question has internal choice (Answer limit **200** words). Each question carries **3** marks.

**Section-C**

**(Marks : 5 × 3 = 15)**

*Note :-* Answer any *three* questions out of five (Answer limit **500** words). Each question carries **5** marks.

**Section-A**

1. Answer all *ten* questions :

- (i) What is Cloud Computing ?
- (ii) Define DaaS.

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- (iii) What is Hypervisor ?
- (iv) Define different types of Virtualization OS.
- (v) What is Public Cloud ?
- (vi) What is Private Cloud ?
- (vii) What is Hybrid Cloud ?
- (viii) What is Off Premises Cloud Services ?
- (ix) What is data privacy in Cloud Computing ?
- (x) What is security issue in Cloud Computing.

**Section-B**

2. Explain the function of SaaS.

*Or*

Explain the function of IaaS.

3. Explain the objectives of Virtualization.

*Or*

Explain the virtualization for Enterprises.

4. What is industry standard for cloud ? Explain.

*Or*

How you build private cloud using open source tool ? Explain.

5. Explain the disadvantages of Hybrid Cloud.

*Or*

Explain the disadvantages of Private Cloud.

6. Explain network level security in cloud.

*Or*

Explain host level security in cloud.

### **Section-C**

7. Explain the difference between PaaS and DaaS.
8. What is Virtualization ? Explain difference types of Virtualization.
9. How you design and implement a Data Center Based Cloud ? Explain.
10. Explain the steps to installing cloud services.
11. Explain the risk and Authentication in Cloud Computing.