

# AJ-107

April-2022

BCA, Sem.-VI (New)

## SEC-302 (B) : Cloud Computing

Time : 2 Hours]

[Max. Marks : 50

- Instructions :** (1) All questions in Section-I carry equal marks.  
 (2) Attempt any **two** questions in Section-1.  
 (3) Question No. 5 in Section-II is compulsory.

### SECTION-I

1. (A) Explain cloud computing reference model. 10  
 (B) Explain characteristic of cloud computing. 10
2. (A) Explain technologies for Distributed computing. 10  
 (B) Write difference between parallel vs. distributed computing. 10
3. (A) Explain taxonomy of virtualization techniques. 10  
 (B) Explain pros and cons of virtualization. 10
4. (A) Explain types of cloud. 10  
 (B) Explain cloud computing architecture. 10

### SECTION-II

5. **MCQ (Attempt any 5 out of 10) :** 10
  - (1) Which one of the following is Cloud Platform by Amazon ?
 

(a) Azure	(b) AppEngine
(c) AWS	(d) None of the above
  - (2) Azure, Hadoop are example of \_\_\_\_\_.
 

(a) IaaS	(b) PaaS
(c) SaaS	(d) All of the above



- (3) Which of the following is challenge of cloud computing ?
- (a) Scalability (b) On Demand Self Service  
(c) Resource Pooling (d) Security & Privacy
- (4) \_\_\_\_\_ is a paradigm of distributed computing to provide the customers on-demand, utility based computing service.
- (a) Cloud Computing (b) Remote Sensing  
(c) Remote Invocation (d) None of the above
- (5) A \_\_\_\_\_ processing system can carry out simultaneous data-processing to achieve faster execution time.
- (a) Distributed (b) Virtual  
(c) Parallel (d) None of the above
- (6) Interprocess communication is the mechanism provided by the \_\_\_\_\_ that allows processes to communicate with each other.
- (a) Hardware (b) OS  
(c) Software (d) All of the above
- (7) The technology used to distribute service requests to resources is referred as \_\_\_\_\_.
- (a) Load balancing (b) Load performing  
(c) Load scheduling (d) None of the above
- (8) In \_\_\_\_\_ type of VM, full virtualization can be possible.
- (a) Type1 (b) Type2  
(c) Type3 (d) None of the above
- (9) Which of the following allows systems and services to be accessible within an organization ?
- (a) Public cloud (b) Private cloud  
(c) Community cloud (d) None of the above
- (10) Which of the following is a type of Service Models ?
- (a) Public-as-a-Service (b) Platform-as-a-Service  
(c) Community-as-a-Service (d) None of these