PRESIDENCY UNIVERSITY
BENGALURU

SCHOOL OF INFORMATION SCIENCE
MAKE-UP EXAMINATION - SEP 2023

Semester : Semester V - 2020

Course Code : BCA213

Course Name : Sem V - BCA213 - Cloud Computing

Program : BCA

Date : 30-SEP-2023

Time : 1.00PM - 4.00PM

Max Marks : 100

Weightage : 50%

Instructions:
(i) Read all questions carefully and answer accordingly.
(ii) Question paper consists of 3 parts.
(iii) Scientific and non-programmable calculator are permitted.

PART A

ANSWER ALL THE FOLLOWING QUESTIONS   **10 X 2 = 20M**

1. How web technology is useful in cloud computing

(CO1) [Knowledge]

2. What is grid computing?

(CO1) [Knowledge]

3. Define public cloud.

(CO1) [Knowledge]

4. Define process level virtualization.

(CO2) [Knowledge]

5. What is type 1 hypervisor?

(CO2) [Knowledge]

6. List four advantages of virtualization.

(CO2) [Knowledge]

7. What is pay per use?

(CO3) [Knowledge]

8. State 4 types of cloud storage .

(CO3) [Knowledge]

9. What is replication in cloud computing?

(CO3) [Knowledge]

10. What is EC2?

(CO3) [Knowledge]

PART B

ANSWER ALL THE FOLLOWING QUESTIONS   **5 X 10 = 50M**

11. Diffrerentiate clustering and grid computing.

(CO1) [Comprehension]

12. Explain the Folllowing:
     1) OS level virtualization
     2) Programming lanuage level virtualization

(CO2) [Comprehension]

13. How pay per use monitor can be helpul in cloud computing?Explain with example.

(CO3) [Comprehension]

14. How Automated scaling is useful in cloud. Explain by taking an example.

(CO3) [Comprehension]

15. List and explain the features and services provided by Google App Engine.

(CO4) [Comprehension]

PART C

ANSWER ALL THE FOLLOWING QUESTIONS   **2 X 15 = 30M**

16. What is the use of allocator in VMM?

(CO2) [Application]

17. Explain the following cloud mechanisms:
     i) Virtual Server
     ii) Cloud Usage Monitor

(CO3) [Application]

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