

(FOR THE CANDIDATES ADMITTED

23PCS207

DURING THE ACADEMIC YEAR 2023

ONLY)

REG.NO.

N.G.M.COLLEGE (AUTONOMOUS) : POLLACHI

END-OF-SEMESTER EXAMINATIONS : MAY 2024

MSC COMPUTER SCIENCE

MAXIMUM MARKS: 75

SEMESTER-II

TIME : 3 HOURS

23PCS207- CLOUD COMPUTING

SECTION – A

(10 X 1 = 10 MARKS)

ANSWER THE FOLLOWING QUESTIONS.

(K1)

- _____refers to services and applications that typically run on a distributed network through virtualized resources.
 - Distributed Computing
 - Cloud Computing
 - Soft Computing
 - Parallel Computing
- Which of the following type of virtualization is also characteristic of cloud computing?
 - Storage
 - Application
 - CPU
 - All of the mentioned
- Which of the following is a type of cloud computing service?
 - Service-as-a-Software (SaaS)
 - Software-and-a-Server (SaaS)
 - Software-as-a-Service (SaaS)
 - Software-as-a-Server (SaaS)
- Azure Storage plays the same role in Azure that _____ plays in Amazon Web Services.
 - S3
 - EC2
 - EC3
 - config
- To execute various applications in Cloud, there needs a standard _____ to connect client and cloud
 - Protocol
 - Wire
 - Communication
 - software

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES

(K2)

- Define Cloud Computing.
- What is Virtualization?
- Expand the PaaS.
- Define Amazon Web Services.
- What is the Federated clouds/Inter Cloud.

(CONT...2)

SECTION – B

(5 X 5 = 25 MARKS)

ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS. (K3)

- 11. a) Summarize the Elements of parallel computing.
(OR)
b) Describe the Technologies for distributed computing.
- 12. a) Examine the Characteristics of virtualized environments.
(OR)
b) Summarize the Virtualization and cloud computing.
- 13. a) Describe the Types of clouds.
(OR)
b) Explain the Building Aneka clouds.
- 14. a) Describe the Data-Intensive Computing.
(OR)
b) Summarize the Aneka Map Reduce programming.
- 15. a) Explain the Market-based Management of Cloud.
(OR)
b) Describe the Third-party cloud services in Cloud.

SECTION – C

(5 X 8 = 40 MARKS)

ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.(K4 (Or) K5)

- 16. a) Describe the Building cloud computing environments.
(OR)
b) Compare the Parallel and Distributed Computing.
- 17. a) Summarize the Taxonomy of virtualization techniques.
(OR)
b) Discuss the Pros and cons of virtualization.
- 18. a) Discuss the cloud reference model.
(OR)
b) Summarize the Overview of Aneka Framework.
- 19. a) Examine the Technologies for data- intensive computing.
(OR)
b) Discuss the Cloud Platforms in Industry.
- 20. a) Justify the Business and consumer applications.
(OR)
b) Summarize the Energy efficiency in clouds.

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