বিদ্যাসাগর বিশ্ববিদ্যালয়

VIDYASAGAR UNIVERSITY

M.Sc. Examinations 2020
Semester IV
Subject: COMPUTER SCIENCE
Paper: COS- 403 (Elective)
(Theory)

Full Marks: 40   **Time: 2hrs.**

Candidates are required to give their answers in their own words as far as practicable.

Answer any One of the following questions

Paper : COS- 403 (Elective III- Cloud Computing)

1. How does cloud development differentiate from traditional development?

2. Write short note on "Computing Platforms and Technologies of Cloud".

3. Discuss the machine reference model of Execution Virtualization?

4. What is Hypervisor? Mention the different types of Hypervisor? Also discuss the properties that a VMM needs to satisfy to support Virtualization?

5. Discuss Cloud Computing reference model?

6. Briefly discuss the different layers forming IaaS?

7. How PaaS provides a development and deployment platform for running application in the Cloud?

8. How does Cloud computing help to reduce the time to market applications and to cut down capital expenses?

9. Describe the fundamental features of the economic and business model behind cloud computing?

10. Briefly summarize the challenges still open in cloud computing?

11. Which are the technologies that cloud computing relies on? Discuss each of them.

12. Describe the vision introduced by cloud computing?