विश्वजीवनामृतं ज्ञानम्

Atal Bihari Vajpayee Indian Institute of Information Technology & Management, Gwalior

IT401: Cloud Computing

Minor Examination (Session 2023–24)

Maximum Time: 1.5 Hours   Max Marks: 25

Note: Attempt all questions. Clarity and conciseness will carry weightage.

1. Define cloud computing. Explain the essential characteristics as per NIST. (5 Marks)

2. Differentiate between IaaS, PaaS, and SaaS with examples. (5 Marks)

3. Explain the concept of virtualization. How does it enable cloud computing? (5 Marks)

4. What are Service Level Agreements (SLAs)? Explain their role in cloud computing. (5 Marks)

5. Write short notes on: (a) Edge computing (b) Containerization (e.g., Docker) (5 Marks)