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ABV-Indian Institute of Information Technology & Management, Gwalior

Computer Networks (IT208)

Minor Examination — Session 2023

Time: 1.5 Hours

Max Marks: 25

Note: Attempt all questions. Each carries equal marks.

1. Define computer networks. Explain the differences between LAN, MAN and WAN with examples. (5 Marks)
2. What is the OSI reference model? Briefly describe any four layers. (5 Marks)
3. Explain circuit switching vs packet switching with neat diagrams. (5 Marks)
4. Define IP addressing. Differentiate between IPv4 and IPv6. (5 Marks)
5. Write short notes on: (a) Hub, Switch, Router (2.5 Marks)
(b) Guided vs Unguided Transmission Media (2.5 Marks)