

ABV-Indian Institute of Information Technology & Management, Gwalior

IT208: Computer Networks

Minor Examination — 2024

Time: 1.5 Hours

Maximum Marks: 25

Note: Answer all questions. Each carries equal marks.

1. What are the main goals of computer networks? Explain the concept of resource sharing with an example. (5 Marks)
2. Differentiate between the OSI and TCP/IP models. (5 Marks)
3. Explain the concept of circuit switching and packet switching. Mention one real-world use case for each. (5 Marks)
4. What are transmission media? Explain any two guided and any two unguided media. (5 Marks)
5. Write short notes on: (a) DNS (2.5 Marks)
(b) ARP (2.5 Marks)