ABV- Indian Institute of Information Technology & Management, Gwalior

Operating Systems (IT207)

Minor Examination (Session 2023–24)

Maximum Time: 1.5 Hours   **Max Marks: 25**

Note: Attempt all questions. Answer precisely for full marks.

1. Define an Operating System. Explain its main functions with examples. (5 Marks)

2. Differentiate between system calls and system programs. Give suitable examples. (5 Marks)

3. Explain process scheduling. Illustrate FCFS and Round Robin scheduling with an example. (5 Marks)

4. What is Inter-Process Communication (IPC)? Differentiate between message passing and shared memory. (5 Marks)

5. Write short notes on: (a) Spooling   (2.5 Marks)
   (b) Dual-mode operation   (2.5 Marks)