

School of Finance and Commerce**Master of Business Administration in Financial Management
Semester End Examination - Aug 2024**

Duration : 180 Minutes
Max Marks : 100

Sem I - H1PE106B - Information Technology for ManagersGeneral Instructions

Answer to the specific question asked

Draw neat, labelled diagrams wherever necessary

Approved data hand books are allowed subject to verification by the Invigilator

- 1) Tell what is the basic purpose of data base management ? K1(2)
- 2) Summarize the future trends and innovations in the field of information technology ? K2(4)
- 3) Construct the impact of search engines on information retrieval and business marketing. K2(6)
- 4) Mark the challenges associated with managing and analyzing big data, especially in large organizations. K3(9)
- 5) Examine the information requirements for control at the operational level in a business. K3(9)
- 6) Interpret and write the role of knowledge acquisition in building an Expert System. K5(10)
- 7) Discuss the advantages and disadvantages of Knowledge-Based Information Systems. Provide an illustrative example of an expert system in action. K4(12)
- 8) Imagine you are an IT manager responsible for evaluating the performance of a company's computer systems. You have data on the CPU utilization, memory usage, and disk I/O of the organization's servers over the past month. Using this data, explain how you would compile the system's performance and identify any potential issues. Suggest strategies to optimize system performance based on the findings. K5(15)
- 9) Compile various types of information systems and provide examples of when each is useful. K5(15)
- 10) Your company is launching a new web application. Explain how the HTTP and HTTPS protocols work and how they ensure secure communication between the application and users. Elaborate the steps involved in setting up a secure connection using HTTPS and the importance of digital certificates. K6(18)