*(Please write your Exam Roll No.)* *Exam Roll No.* 2591420725

# END TERM EXAMINATION

**FIRST SEMESTER [BBA/MBA(INTEGRATED)] DECEMBER-2025**

***Paper Code: MBG-113*** ***Subject: IT Applications in Business***
***BBA-113/BBA-109/BBA(B&I)-113***
***BBA(B&I)-111/BBA(CAM)-113/BBA(CAM)-109***
***BBA-DM-113/BBA-FS-113***

**Time: 3 Hours** **Maximum Marks: 60**

***Note: Attempt all questions as directed. Internal choice is indicated.***

Q1 Answer **any Four** of the following questions: **(4x5=20)**

(a) What are the key features of computers, and how do they enhance the efficiency and effectiveness of modern computing systems?

(b) What are storage devices, and how are they classified?

(c) How does a database differ from a traditional file system in terms of data management?

(d) List the main differences between system software and application software. Provide examples of commonly used system and application software in day-to-day life.

(e) What are the main components of a presentation software, and how can it be applied to enhance productivity in business and learning environments?

(f) What are the different sorting and filtering tools available in Excel?

(g) Explain the star and ring topology with their advantages and disadvantages.

(h) Describe the application of information technology in the railway sector.

Q2 What is computer memory, and why is it essential for IT systems? List the differences and similarities between primary and secondary storage, and how do they interact to enhance a computer's performance? **(10)**

**OR**

Q3 What are the challenges and opportunities associated with cloud computing? Discuss the different models (public, private, hybrid) and services (IaaS, PaaS, SaaS) offered in cloud computing in detail. **(10)**

Q4 (a) Compare high-level, low-level, and machine-level programming languages with examples. **(5)**

(b) Differentiate between compilers, interpreters, and assemblers. **(5)**

**OR**

Q5 What is an operating system? Why is it essential, and what functions does it serve? Highlight the types of operating systems and describe the features of one GUI-based operating system. **(10)**

P-1/2

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Q6 What are the different chart types available in Excel, and how can they be utilized to represent different datasets? Provide examples of which chart types work best for various data scenarios. **(10)**

**OR**

Q7 (a) What are the key components of a Pivot Table, and how can they be customized to summarize data effectively? **(5)**

(b) What is the role of financial functions in Excel? Discuss some commonly used financial functions and their applications. **(5)**

Q8 Describe the structure of the OSI model in detail. Explain the functionalities of each layer and how they work together in a networking environment to ensure reliable communication. **(10)**

**OR**

Q9 How information technology is used in online banking systems? Discuss the benefits and challenges of using information technology for banking transactions and financial management. **(10)**

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P-2/2

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