



THE MGM SCHOOL (HIGHER SECONDARY)
MGM GOLF CLUB CAMPUS , PADEGAON, AURANGABAD.

Class: XI

Half Yearly

SUBJECT: IT

Date: 15/10/2025

TIME: 02:30 HOUR

MARKS: 50

SECTION A – Choose one correct answer (1 Mark Each * 10 = 10)

1. Which of the following best defines Information Technology (IT)?
 - A) Use of machines to produce goods
 - B) Study of information processing and communication using computers
 - C) Application of scientific knowledge to industry
 - D) Use of telephones for communication
2. Which of the following represents **raw facts and figures**?
 - A) Program
 - B) Information
 - C) Data
 - D) Knowledge
3. The process of converting **data into meaningful form** is called:
 - A) Computation
 - B) Compilation
 - C) Processing
 - D) Communication
4. Which of these is **not** an input device?
 - A) Keyboard
 - B) Mouse
 - C) Printer
 - D) Scanner
5. Which memory is **non-volatile** and stores data permanently?
 - A) RAM
 - B) ROM
 - C) Cache
 - D) Register
6. Which of the following is **system software**?
 - A) MS Word
 - B) Operating System
 - C) Tally
 - D) Photoshop

7. What does “DBMS” stand for?
A) Data Basic Management System
B) Data and Business Management System
C) Database Management System
D) Distributed Business Management System
8. In a relational database, which component uniquely identifies a record in a table?
A) Foreign key
B) Attribute
C) Primary key
D) Candidate key
9. Which of the following SQL commands is used to add new records to a table?
A) ADD
B) ALTER
C) INSERT
D) SELECT
10. Which command is used to revoke privileges from a user in a database?
A) DENY
B) CANCEL
C) REVOKE
D) REMOVE

SECTION B – Fill in the blanks (1 Marks Each* 5=5)

- _____ are raw facts and figures that have no meaning until processed.
- _____ is the physical part of a computer that you can touch and see.
- _____ stands for Database Management System.
- The SQL command used to insert a new record into a table is _____.
- In a relational database, a _____ key uniquely identifies each record in a table.

SECTION C – Choose two correct answers (2 Marks Each*5=10)

- Which of the following are examples of **input devices**?
A) Keyboard
B) Printer
C) Mouse
D) Monitor
- Which of the following are types of **software**?
A) System Software
B) Application Software
C) Peripheral Software
D) Device Software

3. Which of these are examples of **secondary storage devices**?
- A) Hard Disk
 - B) Pen Drive
 - C) RAM
 - D) Cache Memory
4. Which of the following are **DBMS software**?
- A) MySQL
 - B) Oracle
 - C) Excel
 - D) Notepad
5. Which of the following are **SQL commands**?
- A) SELECT
 - B) INSERT
 - C) COPY
 - D) VIEW

SECTION D – Write Short answers of any 5 (4 Marks Each*5=20)

- 1. What is Information Technology (IT)?
- 2. Differentiate between **data** and **information**.
- 3. What are the main components of a computer system?
- 4. What is a Database Management System (DBMS)?
- 5. What is a **primary key**?
- 6. Write any two advantages of using a DBMS.
- 7. List down the 4 SQL commands with their usage

SECTION E – Write Detailed answers of any 1 (5 Marks Each*1=5)

- 1. Explain the components of a computer system in detail.
- 2. Explain the features of a Database Management System (DBMS).