B.K. BIRLA CENTRE FOR EDUCATION

SARALA BIRLA GROUP OF SCHOOLS
A CBSE DAY–CUM–BOYS' RESIDENTIAL SCHOOL

PER-MID TERM EXAMINATION 2025-26

ARTIFICIAL INTELLIGENCE

Class : IX **Duration : 1 Hr**
Date : 04-08-2025 **Max. Marks : 25**
Admission No.: **Roll No.:**

General Instructions:

Try to attempt all questions as per given order.

All questions are compulsory.

The Question Paper is divided into Three sections Section A to C.

- Section A has 11 questions attempt 11 and carry 1 mark each.
- Section B has 6 questions attempt only 4 and carry 2 marks each.
- Section C has 4 questions attempt only 2 and carry 3 marks each.

Section-A

1. Knowing your strengths and weaknesses helps in: 1
   A. Ignoring problems
   B. Understanding others only
   C. Personal growth and better goal setting
   D. Becoming overconfident

2. Which of these is a self-management skill? 1
   A. Eating junk food   B. Time management
   C. Arguing with others   D. Procrastination

3. Grooming mainly focuses on: 1
   A. Physical exercise
   B. Personal appearance and cleanliness
   C. Reading books
   D. Learning a new language

4. What is the main function of the Operating System (OS)? 1
   A. Manage printer only
   B. Control only memory
   C. Manage hardware and software resources
   D. Provide electricity to computer

5. The main circuit board inside a computer is called: 1
   A. CPU   B. Hard Drive
   C. Motherboard   D. Power Supply

6. RAM is a type of: 1
   A. Permanent memory   B. External memory
   C. Temporary memory   D. Cloud storage

7. What does the Internet help in? 1
   A. Sending letters by post
   B. Accessing online services and information
   C. Only using email
   D. Only listening to music

8. What is Data Privacy mainly concerned with? 1
   A. Allowing everyone to see data
   B. Keeping data hidden from users
   C. Protecting personal or sensitive information
   D. Erasing old data

9. What is the correct sequence of the Data Pyramid? 1
   A. Information → Data → Knowledge → Wisdom
   B. Data → Information → Knowledge → Wisdom
   C. Wisdom → Knowledge → Information → Data
   D. Knowledge → Wisdom → Data → Information

10. Which method is commonly used for Data Interpretation? 1
    A. Story writing   B. Graphs and Charts
    C. Music and Videos   D. Games

11. What is the purpose of keeping strong passwords in data management? 1
    A. To share data easily   B. To decorate files
    C. To enhance data security and protect privacy   D. To improve data entry

SECTION - B

12	What are organisational skills?	2
13	Define Interests.	2
14	What is light pen?	2
15	What is Operating System?	2
16	What is the purpose of data processing?	2
17	Write any two factors why data literacy is essential.	2

SECTION – C

18 List any three positive result of self-management. 3

19 What are the different parts of an email address? Explain them. 3

20 Differentiate between Quantitative Data and Qualitative Data. 3

21 Meena is preparing a sales report for her company. She collects raw sales data from different branches, organizes it using a spreadsheet, and uses bar charts to show monthly sales performance. She also ensures that sensitive sales data is password-protected. 3
   Questions:
   Which stage of the data pyramid is Meena working on when she organizes and presents the data using bar charts? (1 mark)
   Why should Meena protect her sales report with a password? (1 mark)
   Name any one method of data interpretation Meena is using in her report. (1 mark)

*** ALL THE BEST ***