B.K. BIRLA CENTRE FOR EDUCATION

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

PRI MID TERM 2025-26

ARTIFICIAL INTELLIGENCE

Class : VIII   Duration : 1 Hr
Date : 08-08-2025   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 4 questions attempt 4 and carry 2 marks each.
- Section C has 2 questions attempt 2 and carry 3 marks each.

Section-A

Multiple Choice Questions: 1

1. _____ are images that contain text you have to type in before you can access a website.
a. CAPTCHAS   b. PNG   c. JPG   d. TIFF

2. Which field of computer science that works on enabling computer to see, identify and process images?
a. Artificial Vision   b. Computer Vision   c. Computer sight   d. Glimpse

3. There is no _____ in a self-driven car.
a. Human   b. Engine   c. Steering wheel   d. Fuel

4. Which image recognition technology developed by google?
a. Inner Eye   b. Google Lens   c. Captchas   d. Pixel

5. A megapixel means _____ pixel.
a. One million   b. Two million   c. One thousand   d. One hundred

6. Which of the following is an application of Computer Vision?
a. Robotics   b. Medicine   c. Security   d. All of these

7. The process of representing data and information in a graphical or visual format known as.
a. Data privacy   b. Data visualization   c. Data chart   d. Data loss

8. Which of the following is the example of quantitative data?
a. The colour of a product   b. The size of customer business
c. The number of item sold in a day   d. the customers opinion of a product

9. _____ refers to the protection of personal information or data that individual share with organizations or third parties.
a. Data loss   b. Data privacy   c. Data foot print   d. None of these

10. _____ is data that has been processed and organized in a way that gives it meaning and context.
a. Information   b. Privacy   c. Authentication   d. None of these

11. Which data can be collected through satellite imagery, aerial photography or GPS surveys?
A. Text Data   b. Spatial Data   c. Time Series   d. None of these

SECTION - B

Short Questions :   2
1. Differentiate between data and information?
2. What are data footprints?
3. Write any two importance of images in Artificial Intelligence.
4. Differentiate between RGB image and Grayscale image?

SECTION – C

Long Questions:
1. What are the main causes of data loss? Write any two methods of data recovery.
2. Explain any Three areas where Computer Vision is being used.

**** ALL THE BEST ***