B.K. BIRLA CENTRE FOR EDUCATION

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

PRE MID TERM: 2025-26
ARTIFICIAL INTELLIGENCE

Class: VII   **Time : 1 hr.**
Date: 06-08-2025   **Max Marks: 25**
Admission No. ……………………   **Roll No. :………..**

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I. Multiple Choice Questions :   **(8 X 1 = 8)**

(1) What is the main concerns about the ethics of AI?
    (a) That AI systems are becoming too powerful and may pose a threat to humanity
    (b) That AI systems may be biased and unfair
    (c) That AI systems may lead to job losses and economic inequality
    (d) All of the above

(2) The first reported pedestrian death account by an autonomous vehicle happened in which year?
    (a) 2016   (b) 2017   (c) 2018   (d) 2019

(3) …………………… technology allows you to try on dresses without actually putting them on.
    (a) Rapid Technology   (b) Dress Technology
    (c) Fashion Technology   (d) Fashion Mirror Technology

(4) ………………………. is a humanoid robot that talks, moves and teaches children everything from literacy to computer programming.
    (a) Penny   (b) Nao   (c) Sophia   (d) Cram101

(5) Dominos is working on a robotic unit, called …………….. which will deliver foods and drinks via the best optimized path.
    (a) DominosRobo   (b) DRU
    (c) DRobo   (d) DRoboUnit

(6) What does the A in the robot name ARTIE stand for ?
    (a) Affectionate   (b) Affliction   (c) Advanced   (d) Affective

(7) With what segment of human endeavour is the term "Video Assistant Refereeing" related ?
    (a) Education   (b) Law enforcement   (c) Agriculture   (d) Sports

(8) What was the expansion of Tay, the AI chat bot by Microsoft, that was shut down only 16 hours after its launch ?
    (a) Talking about you   (b) Tell all about you
    (c) Thinking about you   (d) Talk about you

II. Fill in the blanks :   **(4 X 1 = 4)**

(1) An Uber self-driving car SUV struck and killed a …………….in Tempe,Arizona.

(2) In June 2005,a ……………….at a hospital in Philadelphia malfunctioned during prostate surgery.

(3) ………………consists of the standards of behaviour our society accepts.

(4) …………….are AI generated video or audio content with an intent to deceive.

III. Short Answer Type Questions : (Answer any four)   **(4 X 2 = 8)**

(1) A hospital shares the details of the patients with an insurance company. Do you think it is ethical? Why/Why Not?

(2) Define Ethics and its importance.

(3) Discuss the use of artificial intelligence in the field of : (a) Transport   (b) Education

(4) How is Dominos using AI in retail through its DRU?

(5) Why did the AI chat bot by Microsoft close down after some hours of operation ?

IV. Long Answer Type Questions :   **(2 X 2.5 = 5)**

(1) Your younger sibling has spent a lot of time in preparing a 3D model of India gate which is 3 ft tall and kept it on ground for safety concerns. Your mother started the autonomous robot to clean the floor and it tries to clean the area near the model but it fails and breaks.

       (a) Who can be held liable for damages caused by autonomous system?

       (b) List two AI Ethics.

(2) Describe the robot Nao, a humanoid robot.

*********** ALL THE BEST ************