



B. K. BIRLA CENTRE FOR EDUCATION, PUNE

(SENIOR SECONDARY CO-ED DAY CUM RESIDENTIAL SCHOOL, AFFILIATED TO CBSE NEW DELHI)

PRE MID TERM EXAM (2024-25)

ARTIFICIAL INTELLIGENCE



Class : VII

Date : 1-8-2024

Duration : 1 hour

Max. Marks : 25

A. Multiple Choice Questions.(Answer any 8 of 10)

8 x 1 = 8 Marks

1. Dominos is working on a robot unit, called....., which will deliver foods via the best optimized path.
a. DominosRobo b. DRU c. DRobo d. DroboUnit
2. What does the A in the robot name ARTIE stand for?
a. Affectionate b. affliction c. Advanced d. Affective
3. is an app where any textbook can be turned into a smart study guide.
a. Cram101 b. Cram001 c. Ram101 d. Cram102
4. With what segment of human endeavor is the term "Video Assistant Refereeing" related?
a. Education b. law enforcement c. agriculture d. Sports
5. is a humanoid robot that talks, moves and teaches children everything from literacy to computer programming.
a. Penny b. Nao c. Sophia d. Cram101
6. The first reported pedestrian death account by an autonomous vehicle happened in which year?
a. 2016 b. 2017 c. 2018 d. 2019
7. is based on well-founded standards of right and wrong that prescribe what humans ought to do, usually in terms of rights, obligations, benefits to society, fairness, or specific virtues.
a. Morals b. Ethics c. Rights d. Virtues
8. What is meant by "AI bias"?
a. The tendency of AI systems to favor certain groups or individuals over others.
b. The fact that AI systems are often not programmed with human values
c. The difficulty of ensuring that AI systems are fair and impartial.
d. All of the above
9. What are 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
10. is AI generated video or audio content with an intent to deceive.
a. Google meet b. zoom c. Meet Fake d. Deep Fake

B. Fill in the blanks.

4 x 1 = 4 Marks

1. Tay is an artificial intelligence chatter bot and is named “Tay” after the cronym.....
2. An Uber self-driving car SUV struck and killed ain Tempe,Arizona.
3. In June 2005,aat a hospital in Philadelphia malfunctioned during prostate surgery.
4.consists of the standard of our society accepts.

C. Short Answer Questions.

4 x 2 = 8 Marks

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. Describe the robot Nao, a humanoid robot.
4. How is Dominos using AI in retail through its DRU?

D. Long Answer Questions.(Answer any 2 of 4)

2 x 2.5 = 5 Marks

1. Explain the future of AI in Entertainment.
2. What is the future of Ai in Education?
3. Why did Ai chat bot by Microsoft close down after some hours of operations?
4. 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.
