ATOMIC ENERGY CENTRAL SCHOOL-3, MUMBAI

PT 1   2024-25

CLASS: X   DURATION: 1 Hr.

SUBJECT: ARTIFICIAL INTELLIGENCE   MAX. MARKS: 25

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ANSWER THE FOLLOWING (1 mark each)

1) Choosing the right method of communication depends on _____

2) Body language is an element of _____ communication.

ANSWER THE FOLLOWING (1 mark each)

3) People who have _____ intelligence are good at dealing with other people.

4) Smart washing machine an example of an Artificially Intelligent device. True or false?

5) The famous AI test that evaluates a machine's ability to exhibit intelligent behaviour

  indistinguishable from that of a human is called:

   a) Alan Turing Test   b) Einstein Test   c) Watson Test   d) Isaac Asimov Test

6) Write one disadvantage of AI.

7) What is the primary goal of AI ethics?

   a) Create self-aware AI.   b) Ensure AI doesn't surpass human intelligence.

   c) Develop AI that can replicate emotions.   d) Ensure AI is used responsibly and ethically.

8) True/False: Neural Networks are inspired by the human brain's structure and functioning.

9) The theory of Multiple Intelligence was first suggested by _____

10) AI can exhibit human emotions. True or False?

11) People who find patterns and relationships to nature are said to possess_____ intelligence.

Answer the following. Any one.   (2 marks each)

12) Explain any two types of barriers to effective communication.

13) Discuss any two points about importance of feedback.

Answer the following. Any 2   (2 marks each)

14) Mention two ethical concerns related to AI.

15) Define AI.

16) Explain computer vision and how is it being used in AI.

Answer the following. Any 2   (4 marks each)

17) Explain any four areas of application of AI.

18) Differentiate between what is AI and what is not AI with the help of an example each?

19) Explain AI, machine learning and deep learning with the help of a diagram.

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