

CBSE Class 10 Artificial Intelligence Question Paper(Memory Based)

Time Allowed :3 Hour	Maximum Marks :60	Total Questions :24
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General Instructions

Read the following instructions very carefully and strictly follow them:

- Answers to this Paper must be written on the paper provided separately.
- You will not be allowed to write during the first 15 minutes
- This time is to be spent in reading the question paper.
- The time given at the head of this Paper is the time allowed for writing the answers,
- The paper has four Sections.
- Section A is compulsory - All questions in Section A must be answered.
- You must attempt one question from each of the Sections B, C and D and one other question from any Section of your choice.

1. Define Self-management and explain how it helps in personal and professional growth.

2. List any four methods or techniques for effective Stress Management.

3. What is the difference between Verbal and Non-verbal communication? Give examples.

4. List any two Green Skills that can contribute to a sustainable environment.

5. Explain the three domains of AI: Data Science, Computer Vision (CV), and Natural Language Processing (NLP).

6. Differentiate between Script-bots and Smart-bots with relevant examples.

7. Define Neural Networks and explain the role of input, hidden, and output layers.

8. What is the TF-IDF (Term Frequency-Inverse Document Frequency) algorithm used for?

9. How does Data Privacy and AI Ethics impact the development of modern AI systems?
