PM SHRI KENDRIYA VIDYALAYA NO.1 ROORKEE

Autumn Break Holiday Homework 2026-27

ARTIFICIAL INTELLIGENCE

Q1. Define Artificial Intelligence in your own words.

Q2. Write any two advantages and two disadvantages of AI.

Q3. Differentiate between AI in education and AI in entertainment with examples.

Q4. What is the difference between Supervised Learning and Unsupervised Learning in AI?

Give one example of each.

Q5. A company wants to use AI for recruitment. How can AI help in this process? Mention any

three points.

Q6. Explain the role of AI in Smart Cities. Give three examples.

Q7. AI is widely used in the field of Healthcare. Explain with at least 5 applications/examples.

Q8. “AI is a boon as well as a challenge.”

Discuss this statement with 5 advantages and 5 limitations of AI.