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Class Test-1, Spring 2026

Course Code: CIS121, Course Title: Introduction to Industry 4.0

Time: 30 Minutes | Marks: 15

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Section: 24_A | Date: 10.02.2026

1. **Which of the following is an AI application sector?**
   (a) Finance (b) Traditional weaving (c) Hand painting (d) Pottery

2. **Internet of Things can be used for-**
   (a) Recognizing images and objects (b) Real-time device communication
   (c) Human-like decision making (d) Data analysis and insights

3. **Which AI technique is used for image recognition?**
   (a) Computer Vision (b) Blockchain (c) Cloud Computing (d) Big Data

4. **Autonomous robots can be used in which core technology?**
   (a) Smart Logistics (b) Industrial Simulations (c) Remote Monitoring (d) Predictive Analysis

5. **Which Industrial Revolution introduced computers and automation?**
   (a) First (b) Second (c) Third (d) Fourth

6. **The main feature of the Second Industrial Revolution is-**
   (a) Steam Power (b) Artificial Intelligence (c) Automation (d) Electricity

7. Briefly describe the main types of Artificial Intelligence (AI) with suitable examples for each type. [3]

⇒ Basically there are 3 main types of AI.

1. Narrow AI : Task specific.
   Ex: Google translation, Face recognation, chat GPT

2. General AI : Human level AI.
   Ex: Hypothetical AI

3. Super AI : Beyond Human level.
   Ex: imagine in fiction, movies.

8. How can Artificial Intelligence (AI) be implemented in the agriculture sector of Bangladesh to develop a smart farming environment under Industry 4.0? [6]

⇒ AI is a revolutionary change over everything in the era of Industry 4.0 makes