Chapter-8

Introduction to AI

Section A: Multiple Choice Questions
1. **What does AI stand for?**
   - o a) Automated Intelligence
   - o b) Artificial Intelligence
   - o c) Advanced Interface
   - o d) Automated Interface

2. **Which of the following is NOT an advantage of AI?**
   - o a) Reducing human error
   - o b) Increasing productivity
   - o c) Replacing human emotions
   - o d) Performing repetitive tasks without getting tired

3. **Which type of AI is also known as "Narrow AI"?**
   - o a) Weak AI
   - o b) Strong AI
   - o c) Super AI
   - o d) General AI

4. **Which of the following is a disadvantage of AI?**
   - o a) It can learn from experience
   - o b) It is highly expensive
   - o c) It can replicate human emotions
   - o d) It is creative

5. **Which of the following is an example of Weak AI?**

   ○ a) Self-driving cars

   ○ b) Siri

   ○ c) Robots with human-like intelligence

   ○ d) Superintelligent machines

Section B: Fill in the Blanks

1. AI is the branch of _____ that focuses on developing machines that can think and work like humans.

2. AI helps in reducing _____ by performing tasks with high accuracy.

3. _____ AI is hypothetical and has not been developed yet.

4. AI systems can process billions of data in a fraction of _____.

5. One major disadvantage of AI is that it can lead to _____.

Section C: True or False

1. **True or False:** AI can replicate human emotions and social skills.

2. **True or False:** Weak AI is designed to perform specific tasks only.

3. **True or False:** AI can learn from its past experiences like humans.

4. **True or False:** AI is used in healthcare for diagnosing diseases and analyzing medical images.

5. **True or False:** Super AI is already in use and does not require human interference.