Chapter-8

Introduction to AI

Section A: Multiple Choice Questions

1. **What does AI stand for?**
   - a) Automated Intelligence
   - b) Artificial Intelligence
   - c) Advanced Interface
   - d) Automated Interface
2. **Which of the following is NOT an advantage of AI?**
   - a) Reducing human error
   - b) Increasing productivity
   - c) Replacing human emotions
   - d) Performing repetitive tasks without getting tired
3. **Which type of AI is also known as "Narrow AI"?**
   - a) Weak AI
   - b) Strong AI
   - c) Super AI
   - d) General AI
4. **Which of the following is a disadvantage of AI?**
   - a) It can learn from experience
   - b) It is highly expensive
   - c) It can replicate human emotions
   - d) It is creative

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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.

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