AI

1. Which AI system beat world champion Lee Sedol in the game of Go?
   (1) AlphaFold
   (2) AlphaGo
   (3) DeepBlue
   (4) Watson.
2. Which of these is an advanced application of Computer Vision?
   (1) Face Unlock in phones
   (2) MS Word document editing
   (3) Basic calculator
   (4) Alarm clock.
3. Which technology uses deep learning for self-driving cars?
   (1) Rule-based systems
   (2) Convolutional Neural Networks
   (3) Manual coding only
   (4) Basic regression.
4. AI
   (1) Mimicking voices
   (2) Surgery
   (3) Diagnosing cancer
   (4) Repairing robots.
5. Why is lexical analysis important in NLP?
   (1) It simplifies text for further processing
   (2) It converts text into images
   (3) It translates directly into another language
   (4) It improves computer memory.
6. What is the basic building block of a deep neural network?
   (1) Node/Neuron
   (2) Layer
   (3) Weight
   (4) Feature.
7. Assertion(A): Object detection is a more complex task than image classification because it involves identifying both the presence and location of objects in an image.
   Reasoning(R): Object detection algorithms need to not only classify the objects present in an image but also accurately localize them by determining their spatial extent.
   (1) Both A and R are true and R is the correct explanation of A
   (2) Both A and R are true and R is not the correct explanation of A
   (3) A is true but R is false
   (4) A is False but R is true.
8. Which of the following best describes KNIME?
   (1) Drag-and-drop data analytics platform
   (2) Video editing tool
   (3) Mobile gaming app
   (4) Spreadsheet program.
9. Which AI pioneer won the 1975 Turing Award for contributions to AI?
   (1) John McCarthy
   (2) Allen Newell and Herbert Simon
   (3) Marvin Minsky
   (4) Ray Kurzweil.
10. A Smart Bot improves over time because it:
    (1) Only follows hard-coded instructions
    (2) Uses learning and context to enhance responses
    (3) Works without any data input
    (4) Relies only on keyword matching.

No.	Chapter	QID	Answer	Details
Q.1	Finding Information	811061	2	
Q.2	On Generative AI	810630	1	
Q.3	Managing Learning	810944	2	
Q.4	Listening, Speaking and Writing	811064	1	
Q.5	Why Learn About AI	810835	1	
Q.6	Managing Learning	810926	1	
Q.7	Why Learn About AI	810811	1	
Q.8	Why Learn About AI	810757	1	
Q.9	Listening, Speaking and Writing	811034	2	
Q.10	On Generative AI	810857	2	