UNIT 2	Cognitive Computing Algorithms: Machine Learning for Cognitive Systems ReinforcementLearning in Cognitive Computing Evolutionary Algorithms and Swarm Intelligence Natural Language Processing (NLP) in Cognitive Computing: Basics of Natural Language Processing NLP for Understanding and Generating Human-Like Text Sentiment Analysis andLanguage Models	6
UNIT 3	Perception and Sensing: Computer Vision in Cognitive Computing Speech Recognition and Audio processing Integrating Sensor Data for Cognitive Systems	6
UNIT 4	Human-Computer Interaction (HCI) in Cognitive Computing: Principles of HCI Designing User Interfaces for Cognitive Systems Multimodal Interaction: Combining Voice, Gesture, and Touch	7

UNIT 5	Cognitive Applications in Industry: Healthcare and Cognitive Computing Finance and CognitiveAnalytics Smart Cities and Cognitive Technologies Ethical and Social Implications of Cognitive Computing: Privacy Concerns in Cognitive SystemsBias and Fairness in Cognitive Algorithms Ethical Design and Responsible AI	9
	TOTAL	**42**