

Shiv Nadar University Chennai

Mid Semester Examinations 2024-2025 Odd

Question Paper

Name of the Program: B.Tech. AI & DS and B. Tech. CSE (Cyber Security)		Semester: III
Course Code & Name: HS2001 – Cognitive Psychology		
Regulation 2021		
Time: 2 Hours	Answer All Questions	Maximum: 50 Marks

Q.No.	Questions	Marks	CO	KL
1	Compare and contrast the insights gained from behavioral methods and correlational methods.	2	CO1	KL2
2	What is the cocktail party effect?	2	CO1	KL1
3	Consider the following sequences of letters. Which of these is easier to remember and why? A L K P Z B Y T Q C I E P M B S N L M R I S N U C H B O	2	CO2	KL3
4	How do cognitive psychologists differentiate between top-down and bottom-up processing in perception?	4	CO1	KL2
5	What is digit span and what does it indicate? Consider the following sequences of numbers and determine your digit span. 2 1 3 5 9 8 4 5 9 5 0 4 2 5 6 2 4 5 9 0 1 3 1 8 3 7 9 2 5 6 5 9 8 3 6 1 0 2 4 9 6 1 7 0 3 5 2 8 4	4	CO2	KL2
6	What are the fundamental differences between the information-processing paradigm and the connectionist (or neural network) paradigm in cognitive psychology? How do these paradigms conceptualize cognitive processes?	6	CO1	KL2
7	What are the core principles of Gestalt psychology, and how do they differ from other cognitive approaches?	5	CO1	KL2
8	Describe how differences between STM and LTM have been determined by measuring serial position curves.	5	CO2	KL2
9	With a suitable example, illustrate the different aspects of attention, namely selective attention, distraction, divided attention, attentional capture, and visual scanning.	10	CO1	KL2

10	<p>Raja remembers the day he graduated from college in vivid detail, recalling how it was sunny, and he wore a blue cap and gown. He also knows the name of his university's president and the history of the school, though he wasn't present for the events he knows about.</p> <p>Differentiate between episodic and semantic memory in this scenario. How do these types of memories function differently for Raja?</p>	10	CO2	KL3
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KL – Bloom's Taxonomy Levels

(KL1: Remembering, KL2: Understanding, KL3: Applying, KL4: Analyzing, KL5: Evaluating, KL6: Creating)

CO – Course Outcomes
