


National University of Computer and Emerging Sciences, Lahore Campus

	Course Name:	Psychology	Course Code:	SS 2019
	Degree Program:	BSCS	Semester:	Fall 2024
	Exam Duration:	20 Minutes	Total Marks:	15
	Paper Date:	16-10-2024	Weight	3 Absolutes
	Section:	3C	Content	Memory
	Quiz:	2 (Solution)	Course Instructor(s)	Ms. Aisha Bano

Student : Name: _____ **Roll No.** _____ **Section:** _____

Instruction/Notes: Overwritten answer will be marked Zero

Q-1 Column B holds 1 possible answer for Column A. Match and write all the selected answers in the manner attempted below (Marks:06)

Sample		
Column A	Column B	Answer
1. Stream of consciousness	A) Edward B. Titchener	1A
Memory		
1. Hermann Ebbinghaus	A) Shoe lacing, driving	1 D
2. Retention	B) Cognitive Map Theory	2 C
3. Retrieval	C) The process of storing the information	3 F
4. Edward Tolman	D) Nonsense syllables	4 B
5. Procedural memory	E) Capacity 7 +/- 2	5 A
6. Short-term memory	F) The recovery of stored information	6 E
	G) Large capacity with very brief retention of images	

Q-2. Following is the scenario reported by the sister of Dr. Eloy. Read it carefully and answer the questions followed by its rationale. (Marks: 05)

“My younger brother Eloy is 64 years old. He got retired from his work as a professor a few years ago. Since then, I’ve tried building a bond with him which was weakened over the years because of our busy work routines. Recently, during the conversations about our childhood period, I noticed that **he could not remember his childhood friends , the house he grew up in, or what he had eaten for breakfast this morning (1,2,3),**. Eloy, as he is referred to in the scientific literature, had **lost his ability to remember anything beyond a few minutes (1,2,5),** the result of experimental surgery intended to minimize his epileptic seizures. But the **removal of his brain’s hippocampus literally erased Eloy’s past memories** too. He had enjoyed a normal memory until he underwent the operation. He just doesn’t seem as intact as he used to be. But recently, in the past 3-4 months his condition has gotten much worse. He **forgets things I just told him a few moments ago (2&3), he gets angry at nice people** when we go out to eat or go shopping, and he has started to become a very awful driver. Yesterday, he drove the car and I perceived serious issues in his coordination for movement for accelerator and brake purposes as he almost hit a poor dog that was walking. I’m afraid that someone is going to report his driving. And I certainly won’t let him drive alone or

with young kids anymore. I keep making excuses because I'm afraid to tell him the truth about his driving--he won't understand and will **just get emotional and aggressive by yelling** at me. One last thing: **he has stopped recognizing his kids** (1&2) that's quite painful for me, his wife and the kids as they are observing their father not able to call his kids with names. I want the doctor to put into writing what he thinks is happening to my poor brother. I just can't hide what is going on anymore."

1. Which disorder Dr. Eloy is suffering from?

- a. **Alzheimer** b. Depression c. Parkinson's d. Schizophrenia e. Obsessive-Compulsive

Rationale: _____

2. Which measure of forgetting is used for Dr. Eloy in the given scenario?

- a. Recall b. Relearning c. Retention d. Recognition e. **All of these**

Rationale: _____

3. Which type of forgetting Dr. Eloy is suffering from?

- a. Anterograde Amnesia b. Retrograde Amnesia c. Epilepsy d. **Both A & B** e. Korsakoff syndrome

Rationale: _____

4. Which part of the brain is involved in his aggressive behavior?

- a. Medulla b. **Amygdala** c. Thalamus d. Hippocampus e. None of these

Rationale: _____

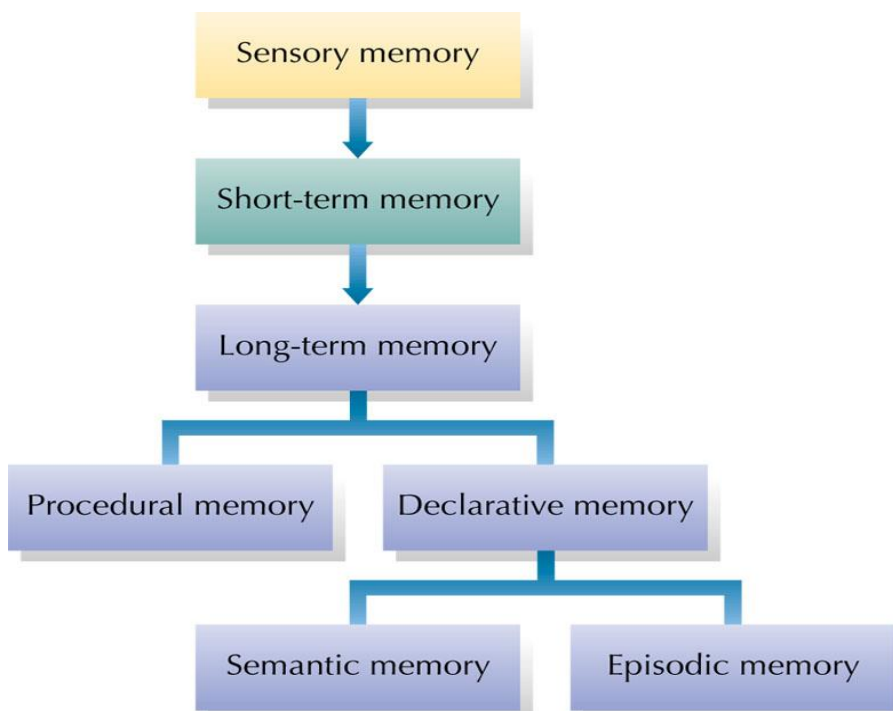
5. Which part of Dr. Eloy's brain is involved in the process of forgetting?

- a. Medulla b. Amygdala c. Hypothalamus d. **Hippocampus** e. None of these

Rationale: _____

Q-3 Make a detailed flowchart of the classification of Memory

(Marks:04)



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