

National University of Computer and Emerging Sciences

Lahore Campus

PSYCHOLOGY (SS2019)

Exam:

Sessional-I

Date: September 21, 2024

Time Allowed:

1 Hour

Course Instructor(s): Ms. Sehar Waheed,

Total Marks:

50

Ms. Maira Asif, Ms. Aisha Bano

Total Questions:

3

Roll No

Section

Student Signature

INSTRUCTIONS: Attempt all the questions. Use the answer sheet to attempt Objective and Subjective parts of this paper. **Over-written answers in Objective type will be marked Zero!**

Question 1. OBJECTIVE TYPE

A) Match Row A with Row B and write the correct alphabet answer in Row C. [CLO-1, Marks:10]

Row-A: 1) 1879, 2) Psychology 3) B.F. Skinner 4) Functionalism 5) Wilhelm Wundt 6) Nervous system 7) Experimental method 8) Biological perspective 9) Psychodynamic approach 10) Personality psychology

Row-B: A) Individual differences B) Operant conditioning C) Stream of consciousness D) Cause & effect relationship E) Nervous system, epileptic seizures F) i. Central Nervous System, ii. Peripheral Nervous System G) Our motives & drives in unconscious H) Founder of psychology, Introspection I) First experimental laboratory in Psychology J) Scientific study of behavior & mental processes

Row-C: Please write your answers on the **answer sheet** by matching Row-A with Row-B e.g. 1 (A)

1 mark for each point.

Column is made to make it easily understandable for the marking purpose.

Column A	Column B	Column C (Answer)
1. 1879	A) Individual differences	1 (I) First experimental laboratory in Psychology
2. Psychology	B) Operant conditioning	2 (J) Scientific study of behavior & mental processes
3. B.F. Skinner	C) Stream of consciousness	3 (B) Operant conditioning
4. Functionalism	D) Cause & effect relationship	4 (C) Stream of consciousness
5. Wilhelm Wundt	E) Nervous system, epileptic fits	5 (H) Founder of psychology, Introspection
6. Nervous system	F) i. Central Nervous System, ii. Peripheral Nervous System	6 (F) i. Central Nervous System, ii. Peripheral Nervous System
7. Experimental method	G) Our motives & drives in unconscious	7 (D) Cause & effect relationship
8. Biological perspective	H) Founder of psychology, Introspection	8 (E) Nervous system, epileptic fits

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9. Psychodynamic approach	I) First experimental laboratory in Psychology	9 (G) Our motives & drives in unconscious
10. Personality psychology	J) Scientific study of behavior & mental processes	10 (A) Individual differences

B) Fill in the blanks (1 mark for each point)

[Marks:7]

- Consciousness was subdivided by **E.B. Titchener/ Sigmund Freud** (both should be marked correct. However, in class discussion, the most appropriate answer is Titchener)
- Whole** is greater than the **sum** of its parts by Gestalt school of thought.
- Name 3 neurotransmitters **Dopamine, Serotonin, Endorphins, Acetylcholine** (any 3).
- SOR Formula/ S-O-R theory** states that the *stimulus* triggers a *response* based on an internal evaluation of the *organism*.
- An inadequate supply of **acetylcholine** neurotransmitter in certain areas of the brain is associated with the memory loss seen in Alzheimer's disease
- The neurotransmitter **dopamine** is responsible for our extended screen time as an addictive behavior.
- Case study, archival research, survey method, experimental method are the examples of **research methods** in Psychology.

Question 2. SUBJECTIVE TYPE

Give short answers to the following questions

[Marks:21]

I. Define, draw and label the basic structures of a neuron. [9]

- Definition of neuron (1 mark)
- Drawing & labelling of dendrites, soma, nucleus, axon, myelin sheath, terminal buttons (2 marks)
- Definition or function of minimum 5 basic structures: dendrites, soma, nucleus, axon, myelin sheath, terminal buttons, synapse (6 marks)

II. What is the importance of studying this subject "Psychology" in your degree program? Support your answer with an example. [7]

Answer: Importance of studying this subject: As per course instructor's teaching methodology and the content delivered to the students (5 marks)

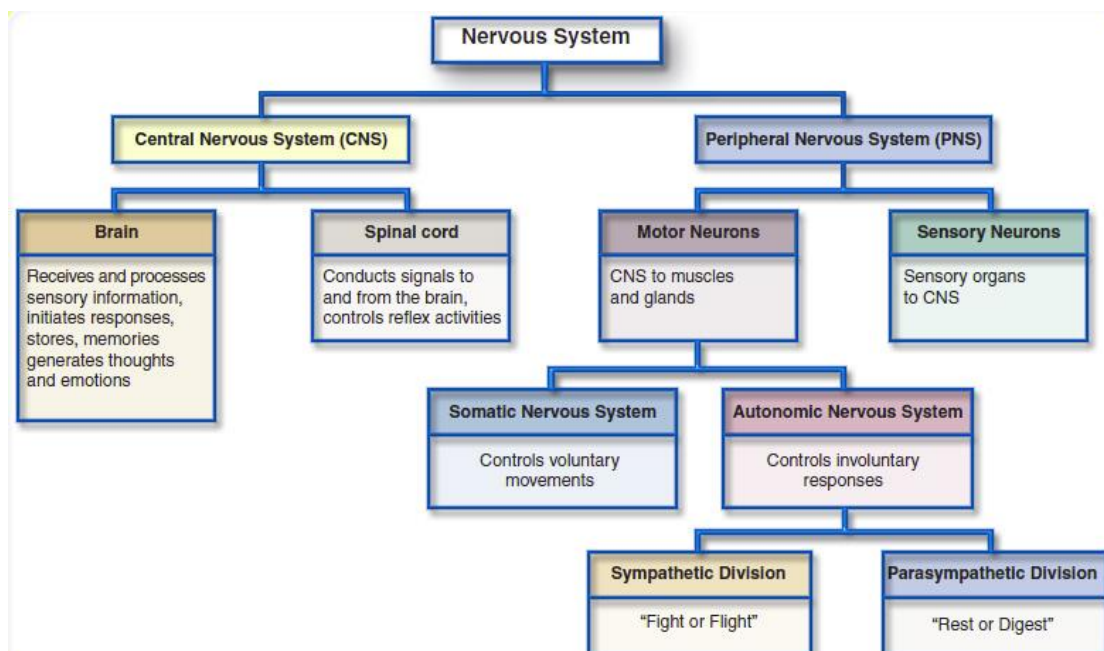
Example: showing relevance with any perspective or daily life example fits in the answer (2 marks)

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III. Make a detailed flowchart of the nervous system. [5]

Mark it as per your teaching



Question 3. Answer the following question in detail

[Marks:12]

Define learning, classical conditioning and explain process of classical conditioning followed by its principles. [1+2+9]

- Definition (1 mark)
- Classical conditioning: 1 mark if the definition is simply defined/ maximum 2 marks in case of detailed definition with the terms of UCS, UCR, CS, CR
- Process of CC, experiment elaborated, or the flowchart is made and explained (4 marks)
- 5 principles defined n explained (5 marks)