

Time Allowed: 35 Minutes

(OBJECTIVE PART)

Max. Marks: 32

**Sign of
Supdt.**

1- a) Encircle the correct answer:

1x8

i) The brain structure that plays a critical role in “Motivated Behaviors” such as eating and sexual activity is the:

- | | |
|--------------------|-----------------|
| a) Cerebral Cortex | b) Amygdala |
| c) Medulla | d) Hypothalamus |

ii) Neurotransmitters are contained in the

- | | |
|-------------|-------------------|
| a) Vesicles | b) Cell Body |
| c) Nucleus | d) Axon Terminals |

iii) The memory that holds information for the shortest period of time is known as:

- | | | | |
|-------------------|----------|----------|--------------------|
| a) Sensory Memory | b) L.T.M | c) S.T.M | d) Implicit Memory |
|-------------------|----------|----------|--------------------|

iv) Repression involves in:

- | | | | |
|-------------|--------------|------------|------------------|
| a) Encoding | b) Retrieval | c) Storage | d) None of these |
|-------------|--------------|------------|------------------|

v) Maintenance of an internal biological balance is called:

- | | | | |
|-------------|---------|----------------|-------------|
| a) Instinct | b) Need | c) Homeostasis | d) Hormones |
|-------------|---------|----------------|-------------|

vi) The blood carries waste material from the _____ to the kidneys.

- | | | | |
|------------|-------------------|---------|----------|
| a) Stomach | b) Pancreas Gland | c) Soma | d) Cells |
|------------|-------------------|---------|----------|

vii) Auditory stimulation is processed in the:

- | | | | |
|------------------|-------------------|-----------------|------------------|
| a) Temporal Lobe | b) Occipital Lobe | c) Frontal Lobe | d) Parietal Lobe |
|------------------|-------------------|-----------------|------------------|

viii) REM sleep is characterized by

- | | | | |
|------------------|------------------|----------------|-----------|
| a) Sleep Walking | b) Night Terrors | c) Delta Waves | d) Dreams |
|------------------|------------------|----------------|-----------|

b) Encircle True or False:

1x4

i) PONS plays an important role as a relay station for information coming from the mid brain and hind brain going to the cortex.

TRUE / FALSE

ii) OPIATE is an endogenous chemical.

TRUE / FALSE

iii) A mnemonic device is a measurement of memory.

TRUE / FALSE

iv) EGG is mostly used as an index of regulatory drive.

TRUE / FALSE

c) Fill in the blanks meaningfully:

1x4

i) Neurons that exist completely within the CNS are called _____.

ii) Memory for skills is called _____.

iii) The optimum value of the system variable in a regulatory mechanism is called _____.

iv) An attempt to exaggerate or minimize the expression of an emotion is called _____.

(Continued Overleaf)

2. Give short answers of the following questions:

2x8

i) REDUCTION.

ii) Drug Tolerance and Withdrawal Symptoms.

iii) HYPERPOLARIZATION.

iv) NMDA Receptor.

v) PSYCHOGENIC AMNESIA.

vi) Positive Symptoms of SCHIZOPHRENIA.

vii) Broca's Aphasia

viii) Define EKG

Attempt any **FOUR** Questions. All Questions carry equal marks.

SUBJECTIVE PART

- 3-** Write down a comprehensive note on the Contributions of JOHANNAS MULLER in the development of Physiological Psychology. 17
- 4-** Write down a detailed note on the Neural and Physiological Impacts of DOPAMINE on human body. 17
- 5-** Write down the Causes and Symptoms of GASTROINTESTINAL problems as a Psychomatic Disorder. 17
- 6-** Discuss in detail the Types and Causes of Tumor. 17
- 7-** Write a comprehensive note on Biological and Organic basis of MEMORY DISORDERS. 17
- 8-** Discuss in detail the Causes and Symptoms of DELIRIUM. 17