

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BSc DEGREE EXAMINATION JUNE 2014
(Sixth Semester)

Branch – PSYCHOLOGY

PHYSIOLOGICAL PSYCHOLOGY

Time : Three Hours

Maximum : 75 Marks

SECTION-A (20 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (10 x 2 = 20)

Define the Following :

- 1 Physiological Psychology.
- 2 Receptors.
- 3 Homeostasis.
- 4 Metabolism.
- 5 Function of Thalamus.
- 6 Somatic Nerves.
- 7 Brain disorder.
- 8 Dysfunction of occipital lobe.
- 9 Schizophrenia.
- 10 Monoamine.

SECTION - B (25 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 5 = 25)

- 11 a What is the scope of physiological psychology?
OR
b Write the properties of membrane cytoplasm and nucleus.
- 12 a Write the steps involved in carbohydrate metabolism.
OR
b Write the role of vitamins and minerals.
- 13 a Discuss epilepsy and frontal lobe dysfunctions.
OR
b What are the temporal lobe and occipital lobe dysfunctions?
- 14 a Briefly classify the nervous system.
OR
b Explain the Autonomic Nervous System.
- 15 a What is Classical Neuro and amino acid transmitter?
OR
b Discuss neuro peptides and soluble gases.

SECTION - C (30 Marks)

Answer any THREE Questions

ALL Questions Carry EQUAL Marks (3 x 10 = 30)

- 16 Explain the scope and methods of physiological psychology.
- 17 Write the functions of the endocrine glands.
- 18 Highlight the causes of brain disorder.
- 19 Describe the peripheral nervous system.
- 20 Explain the major neuro transmitters of the brain.

Z-Z-Z

END