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**DHANALAKSHMI SRINIVASAN COLLEGE
OF ARTS & SCIENCE FOR WOMEN
(AUTONOMOUS)**
(For Candidates admitted from 2020 - 2021 onwards)



UG DEGREE EXAMINATIONS APRIL - 2021

B.Sc., - PSYCHOLOGY

PHYSIOLOGICAL PSYCHOLOGY

Time: 3 Hrs

Max.Marks: 75

PART - A

CHOOSE THE CORRECT ANSWER

(10X1=10)

1. Which of the following is not a brain imaging techniques?
 a) PET b) MRI c) ECG d) CAT
2. _____ is the space between neurons
 a) Ganglion b) dendrite c) synapse d) axon
3. _____ is a type of effector
 a) Muscle b) Gland c) nerves d) Both (a) and (b)
4. _____ forms chemical bonds with Thymine bases on the opposite strand
 a) guanine b) cytosine c) adenine d) thymine
5. In _____ axons and dendrites are present
 a) neurons b) cells c) bones d) Both (a) and (b)
6. The interference between motor neurons and muscle neurons is _____
 a) neuromuscular junction b) synaptic cleft
 c) myelin sheath d) muscular cleft
7. _____ division of nervous system is responsible for fight or flight response
 a) Sympathetic b) parasympathetic c) Somatic d) Skeletal
8. _____ is divided into somatic and autonomic nervous system
 a) sympathetic nervous system b) Parasympathetic nervous system
 c) central nervous system d) peripheral nervous system
9. Cerebrospinal fluid is mainly produced by _____
 a) choroid plexus b) cerebrum c) cerebellum d) thalamus
10. _____ plays an important role in releasing hormones
 a) thalamus b) central nervous system c) amygdale d) hypothalamus

PART - B

ANSWER ALL THE QUESTIONS

(5X7=35)

11. a) Write a note on CAT scanning

(OR)

b) Explain the types of neurons

12. a) Write a note on function of cells

(OR)

b) List the key features of intellectual evolution

13. a) Differentiate between neurons and cell

(OR)

b) Briefly explain aging of neurons

14. a) Explain about the functions of peripheral nervous system

(OR)

b) Bring out the functions of parasympathetic nervous system

15. a) Write a note on cerebrospinal fluid

(OR)

b) Explain the structure and functions of midbrain

PART - C

ANSWER ANY THREE QUESTIONS

(3X10=30)

16. Give a detailed account on nerve impulse

17. Write a note on evolutionary basis of behavior

18. Elaborate on formation of nervous system

19. Explain the structure and functions of sympathetic and parasympathetic nervous system

20. Elaborate on parts of brain.