

PART B

Answer any 10 questions. Each question carries 2 marks

11. Components of thought
12. Yerkes – Dodson law
13. Facial feedback hypothesis
14. Concept of IQ
15. Personality
16. Giftedness
17. Triguna
18. Means to end analysis
19. Secondary motives
20. Intelligence
21. Trait
22. Creativity

(10x2= 20 Mark

PART C

Answer any 6 questions, each question carries 5 marks

23. Structure of language
24. Stages in creativity
25. Learned motives
26. Physiological correlates of emotion
27. Determinants of intelligence
28. Assessment of personality
29. Structure of intellect
30. Structure of language

(6x5= 30 Mark

PART D

Answer any 2 questions as essays. Each question carries 10 marks

31. Explain the early approaches of personality
32. Explain the cognitive theories of motivation
33. Explain the steps and strategies of problem solving
34. Discuss the assessment and classification of intelligence

(2x10= 20 Mark

39/A

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(Pages : 2)

Reg. No:.....

Name:

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

Second Semester B.Sc Psychology Degree Examination, March 2018

BZOO(PSY2)C02 – Human Physiology

(2017 Admission onwards)

Max. Time: 3 hours

Max. Marks : 80

PART A

Answer all questions. Each question carries 1 mark

Choose the correct answer from the following options given below

1. Name the glial cell which produces myelin sheath in CNS
a. Oligodendrocyte b. Astrocyte c. ependymal cell d. Microglia
2. CSF occupy in the ----- space of meninges
a. epidural b. subdural c. subarachnoid d. subpial
3. Action potential generate in the ----- of neuron
a. dendrite b. synaptic terminal c. Axon hillock d. Nucleus
4. ----- is not a part of metencephalon
a. Pons b. medulla c. Reticular formation d. cerebellum
5. Area for language comprehension
a. Brocas area b. Wernikes area c. sub thalamic d. limbic area
5. The technology which use for the recording of electrical activity of brain
a. MRI b. CT scans c. EEG d. PET

Fill in the blanks

7. ----- is the functional junction between two neurons
8. ----- lobe of cerebral cortex is also known as visual cortex.
9. ----- is the inability to recognize the face.
10. Damping of movements is a function of -----
1. Damage to Brocas area causes ----- aphasia
2. ----- sleep is also known as paradoxical sleep.

(12 x 1 = 12 Marks)

PART B

Answer any *seven* questions. Each question carries 2 mark

13. Refractory period and its significance
14. EPSP and IPSP
15. Blood brain barrier
16. Ventricles of brain
17. All or none law
18. PET scan
19. Reflex arc
20. Global Aphasia
21. Choroid plexus

(7 x 2 = 14 Mar

PART C

Answer any *six* questions. Each question carries 5 marks

22. Explain resting membrane potential
23. Role of calcium in synaptic transmission
24. Classification of neurons
25. Functions of cerebellum
26. Stages of sleep
27. Lesion techniques and ESB
28. Autonomic nervous system
29. Major areas of frontal lobe

(6 x 5 = 30 Mar

PART D

Answer any *three* questions as essay. Each question carries 8 marks

30. Explain the physiology of nerve impulse generation, conduction, and transmission
31. Give an overview of major brain structures
32. Explain the overall control of motor movements.
33. Write an essay on specific and association areas of cerebral cortex
34. Explain various techniques used for structural and functional imaging of brain.

(3 x 8 = 24 Mar