



UNIVERSITY OF THE PUNJAB

B.S. 4 Years Program / Sixth Semester – 2020

Roll No. in Fig.

Roll No. in Words.

Paper: Biological Basis of Behavior

Course Code: APSY-364 Part – I (Compulsory)

Time: 15 Min. Marks: 10

Signature of Supdt.:

ATTEMPT THIS PAPER ON THIS QUESTION SHEET ONLY.

Division of marks is given in front of each question.

This Paper will be collected back after expiry of time limit mentioned above.

Q.1. Encircle the correct choice.

(1x10=10)

| |
|---|
| 1. The structure that is associated with object recognition memory, is |
| a) Amygdala |
| b) Left temporal lobe |
| c) Hind brain |
| d) Cerebellum |
| 2. Alzheimer's is the most common form of |
| a) Malnutrition. |
| b) Dementia |
| c) Fatigued. |
| d) Psychosis |
| 3. Alzheimer's is diagnosed through |
| a) Mental tests |
| b) Urine tests |
| c) Neurological tests |
| d) Personality tests |
| e) Assessment test |
| 4. Physiologically, things that happen to the brain as Alzheimer's progresses |
| a) Tissue swells |
| b) Fluid collects |
| c) Many cells die |
| d) Brain-stem atrophies |
| e) E tissue die |
| 5. K-complexes and sleep spindles are characteristic of |
| a) stage I sleep |
| b) stage II sleep |
| c) stage IV sleep |
| d) REM sleep |
| 6. Most speech disorders and language deficits occur due to damage to the |
| a) Right Hemisphere |
| b) Left Hemisphere |
| c) Both a & b |
| d) None of these |
| 7. The specific region of Hypothalamus, responsible for physiological sweat secretion, is |
| a) Para-ventricular nucleus |
| b) Supra-Optic nucleus |
| c) Median Eminence |
| d) Pars Distalis |
| e) Acromegaly |
| 8. Adrenocorticotrophic hormone stimulates the adrenal cortex to produce |
| a) Epinephrine |
| b) Aldosterone |
| c) Cortisol |
| d) Testosterone |
| 9. The part of human brain is concerned with the regulation of body temperature? |
| a) Hypothalamus |
| b) Medulla oblongata |
| c) Cerebellum |
| d) Thalamus |
| 10. The medical term for a stroke is |
| a) Cerebrovascular accident (CVA) |
| b) Head injury |
| c) Traumatic brain injury |
| d) Coma |



ATTEMPT THIS (SUBJECTIVE) ON THE SEPARATE ANSWER SHEET PROVIDED

Q.2. Answer the following short questions. (5x4=20)

1. What is CSF?
2. What do you know about layer of meninges?
3. Write down the major lobes in human brain and their functions.
4. What is cerebellum?
5. What do you know about gyri and sulci?
6. Describe glial cells.
7. Narrate functions of Dopamine.
8. What do you know about Peripheral Nervous System?
9. What do you know about speech areas in human brain?
10. Describe neurophysiology of emotions.

Q.3. Answer the following brief questions. (10x3=30)

1. Write in detail subdivisions of human brain.
2. What do you know about Limbic System? Describe its structures and functions.
3. Describe in detail Dementia.