

**Parvatibai Chowgule College of Arts and Science**  
**Autonomous**  
**B.A. Semester End Examination, January/February 2022**

Semester: V

Subject: Psychology

Course Title: Neuropsychology

Duration: 2 hours

Max. Marks: 50

**Instructions:**

1. All main questions are compulsory.
2. Figures to the right indicate full marks

Q1. Attempt **ANY FOUR** of the following. (20)

- 1) List out the major categories of Affective Disorders.
- 2) Write a short note on treatment of Tourette syndrome.
- 3) Review the two approaches of dream interpretation.
- 4) Briefly state the process of neural plate induction in a developing embryo.
- 5) Write a note on sodium-potassium pump.
- 6) Elaborate on gap junctions and its advantages.

Q2. Attempt **ANY ONE** of the following. (10)

- A) Describe the processes of migration in cells.  
OR  
B) Describe the process of axon growth and synapse formation.

Q3. Attempt **ANY ONE** of the following. (10)

- A) Elaborate on the findings of experimental studies of sleep deprivation in humans.  
OR  
B) With support of six major pieces of evidence in research, write in detail about how sleep deprivation increases the efficiency of sleep.

Q4. Attempt **ANY ONE** of the following. (10)

- A) Discuss about any three controversial Aspects of Clinical Trials.  
OR  
B) Describe monoamine theory of depression.

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