

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**Post Graduate Diploma Examination – MAY-2019**

**Time: Three Hours**

**Max. Marks: 100 Marks**

**Diploma in Psychiatry Medicine (D.P.M)**

**PSYCHIATRY - PAPER – I**

**Q. P. CODE: 7221**

Your answers should be specific to the questions asked  
Draw neat labeled diagrams wherever necessary

**Answer All The Questions**

**10 x 10 = 100 Marks**

1. Structure and functions of Basal Ganglia
2. Physiology and functions of Rapid Eye Movement (REM) sleep
3. Define Attitude and mention factors influencing its formation.
4. Define intelligence. Mention the various tests of intelligence employed in clinical practice.
5. Describe the origin, course of Middle cerebral artery and the brain areas it supplies blood.
6. Describe the genetics of Mongolism.
7. Describe the synthesis of Dopamine. Mention the dopamine pathways in the brain.
8. Mention the different stages of psychosocial development of personality according to Erik Erikson.
9. When do you apply Chi Square test? Mention its formula and describe its derivation.
10. What is 'Imprinting'? What is its relevance to Psychiatry?

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