

[MBBS 0222]

FEBRUARY 2022

Sub.Code : 6054

**M.B.B.S. DEGREE EXAMINATION**  
(For the candidates admitted from the Academic Year 2019-2020)  
**FIRST YEAR**  
**PAPER II – PHYSIOLOGY**

*Q.P. Code: 526054*

**Time: Three hours****Maximum: 100 Marks (80 Theory + 20MCQS)****Answer All Questions****I. Essay:****(2 x 15 = 30)**

1. Explain in detail about the conduction system of heart. Add a note on action potentials of ventricular muscle and pacemaker
2. Classify synapse. Mention the various properties of synapse. Add a note on central neuro transmitters.

**II. Short Notes:****(10 x 5 = 50)**

1. Intrapleural pressure.
2. ODC curve.
3. Renin-angiotensin system.
4. Photo receptors.
5. Tract of Goll and Burdach.
6. Referred pain.
7. Berger's rhythm.
8. Jugular venous pulse.
9. Foetal circulation.
10. Auditory pathway.