[MBBS 0822]   **AUGUST 2022**   **Sub. Code :5054**

M.B.B.S. DEGREE EXAMINATION
(For the candidates admitted upto the Academic Year 2018-2019)

FIRST YEAR
PAPER IV – PHYSIOLOGY INCLUDING BIO-PHYSICS – II

Q.P. Code: 525054

Time: Three hours   **Maximum : 50 Marks**

Answer All Questions

I. Essay: **(1 x 10 = 10)**

1. Trace the Visual pathway with a neat diagram. Add a note on visual field defects produced by lesions at various levels of pathway.

II. Write notes on: **(5 x 4 = 20)**

1. Paradoxical sleep.

2. Fetal circulation.

3. Dysbarism.

4. Functions of Cerebellum.

5. Short term regulation of Blood pressure.

III. Short answers on: **(10 x 2 = 20)**

1. Hamburger Shift.

2. Reynold's numbe

3. Define Anosmia. Mention two causes of anosmia.

4. Referred pain.

5. Name two facilitatory and inhibitory neurotransmitters.

6. Bohr effect.

7. Draw neatly the waves of ECG.

8. Saltatory conduction.

9. Dead space.

10. Law of projection.

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