

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[MBBS 0323]

MARCH 2023

Sub. Code : 6054

M.B.B.S. DEGREE EXAMINATION

(For the candidates admitted from the Academic Year 2019-2020)

FIRST YEAR – SUPPLEMENTARY (CBME)

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. Define blood pressure, systolic blood pressure and diastolic blood pressure. Describe the short term regulation of blood pressure. Explain vasovagal syncope.
2. Trace the visual pathway. Describe disorders of visual fields in relation to visual pathway.

II. Write Short Notes on:

(10 x 5 = 50)

1. PR interval in ECG.
2. Regulation of cerebral blood flow.
3. Compliance of the lungs.
4. Hypoxia.
5. Organisation and functions of respiratory centers.
6. Analgesia system.
7. NREM and REM sleep.
8. Taste pathway.
9. Functions of middle ear.
10. Classification of memory.
