

[KG 503 A]

Sub. Code : 4054

FIRST M.B.B.S. DEGREE EXAMINATION.

(Non-Semester)

(Revised Regulations)

Paper IV — PHYSIOLOGY INCLUDING
BIO-PHYSICS — II

Time : Three hours

Maximum : 100 marks

Theory : Two and a half hours

Theory : 70 marks

M.C.Q. : Half an hour

M.C.Q. : 30 marks

MCQ must be answered separately on the answer sheet
provided as per the instructions on the first page.

Draw labelled diagrams wherever necessary.

Answer ALL questions.

1. Describe the chemical regulation of respiration.(15)
2. Write short notes on : (4 × 5 = 20)
 - (a) Short term regulation of B.P.
 - (b) Coronary circulation.
 - (c) Factors regulating cardiac output.
 - (d) ECG.

3. Describe the pathway for fine touch. Add a note on sensory homunculus. (15)

4. Write short notes on : (4 × 5 = 20)
 - (a) Dark adaptation.
 - (b) Organ of corti.
 - (c) Errors of refraction.
 - (d) Taste pathway.