

[KR 503]

Sub. Code : 4054

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

Revised (Non-Semester) Regulation

Paper IV — PHYSIOLOGY INCLUDING
BIOPHYSICS – II

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary

Write essay on the following :

1. Classify Hypoxia, what are the causes and features of each type? What types respond best to oxygen therapy. (15)

2. Draw and label the visual pathway. What are the effects of lesions at various levels of pathway. (15)

3. Short notes : (10 × 5 = 50)

(a) Korotkov sounds

(b) Heart sounds

(c) Timed vital capacity

(d) Oxygen dissociation curve

(e) Non-Respiratory function of lung

(f) ECG leads

(g) Baro-receptors.

(h) Colour blindness

(i) Parkinsonism

(j) Middle ear