

G 1512-A

Reg. No.....

Name.....

FIRST M.B.B.S. DEGREE EXAMINATION, APRIL 2005
PHYSIOLOGY—Paper II

Time : 2 Hours and 45 Minutes

Maximum : 45 Marks

Answer Section A-II and Section B in separate answer-books.

Draw diagrams wherever necessary.

Section A-II

- II. Give the role of cerebellum in voluntary movements. Draw a diagram showing the important connections.
(5 + 5 = 10 marks)
- III. (a) Explain the regulation of secretion of growth hormone. How does this hormone promotes growth ?
(b) Write the role of insulin in maintaining blood glucose level.
(2 × 5 = 10 marks)

Section B



- IV. Write briefly on :—
(a) Ionic basis of action potential.
(b) Absence of odema in primary hyper aldosteronism.
(c) Role of ascending reticular activating system in maintaining wakeful state.
(d) Basis and principle of immunological test of pregnancy.
(e) Pain of appendix is often referred to area around the umbelicus.
(5 × 3 = 15 marks)
- V. Write short notes on :
(a) Near response.
(b) Pitch discrimination.
(c) Oral contraceptive.
(d) Cellular action of steroid hormone.
(e) Immuno assay.
(5 × 2 = 10 marks)