

FIRST M.B., B.S. DEGREE EXAMINATION, APRIL 1992.

First Year

First Semester

PHYSIOLOGY—I

Time : Two and a half hours. Maximum : 60 marks.

SECTION A

1. Give an account of the hormones of the adrenal cortex, their site of production and the regulation of their secretion. (15 marks)
2. Describe the various stages and the factors regulating erythropoiesis. (15 marks)

SECTION B

3. Write short notes on :
  - (a) ECF volume.
  - (b) Types of gastrointestinal movement and factors affecting gastric motility.
  - (c) Effects of castration in a male before and after puberty.
  - (d) Role of pancreas as an endocrine gland.
  - (e) Describe briefly how mituration takes place.
  - (f) Glomerular Filtration Rate (G.F.R.).(6 × 5 = 30 marks)