

[KP 502]

Sub. Code : 4053

II. Short notes :

(6 × 5 = 30)

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

Revised (Non-Semester) Regulation

Paper III — PHYSIOLOGY INCLUDING  
BIO PHYSICS — I

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 the questions.

Draw suitable diagrams wherever necessary.

I. Essay questions :

- (1) Enumerate the hormones of the adrenal cortex. Describe the functions and regulation of glucocorticoids. Add a note on Cushing's syndrome. (20)
- (2) Describe the composition, function and regulation of secretion of pancreatic juice. (15)
- (3) Write an essay on Immunity. (15)

- (a) Fate of haemoglobin after haemolysis.
- (b) Movements of small intestine.
- (c) Steps involved in formation of urine.
- (d) Spermatogenesis.
- (e) Neuroendocrinal reflex.
- (f) Adrenogenital syndrome.