

M.D. DEGREE EXAMINATION – APRIL, 2015

EMERGENCY MEDICINE

Paper-I – Basic Sciences as relevant to Emergency Medicine

Time : 3 Hours

Max. Marks: 100

Note : Answer all questions

All questions carry equal marks

Draw neat diagrams wherever necessary

WRITE SHORT ESSAYS ON THE FOLLOWING:

- 1) Anatomy of the Cerebral circulation and clinical features of various Stroke syndromes.
- 2) Physiology of Bilirubin metabolism and approach to a case of Jaundice in the emergency department.
- 3) Pathophysiology of Tuberculosis and common presentations to the emergency department.
- 4) Pharmacology of Vasopressors
- 5) Biochemical parameters of normal Cerebrospinal fluid and interpretation of abnormalities.
- 6) Confidence interval.
- 7) ECG changes and management of Hyperkalemia.
- 8) Anatomical landmarks and technique of Internal jugular and Subclavian vein cannulation.
- 9) Physiology of Thyroid hormone production and clinical features of Myxedema.
- 10) Classification and treatment of Lactic acidosis.
