

# Medical Science

## Paper-II

**Time Allowed: Three Hours**

**Maximum Marks: 300**

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- Note:* 1. The figures in the margin indicate full marks for the questions.
2. Candidate should answer questions No. 1 and 5 which are compulsory and any **three** of the remaining questions, selecting at least **one** from each section.

### SECTION – A

1. What are the diseases caused by mosquito bite in human? Discuss clinical features, diagnosis and management of malaria. 60
2. Discuss clinical features, diagnosis and management of the following: 20×3=60
  - (a) Congenital cyanotic heart disease.
  - (b) Hansen's disease.
  - (c) Schizophrenia.
3. Discuss role of Imageology in the work up of medical problems by Ultrasound, Echocardiogram, CT Scan and MRI. 60
4. Discuss clinical features, diagnostic criteria, etiology, prevention and treatment of diabetes mellitus in Adults. 60

## SECTION – B

5. Describe clinical features investigation and diagnosis of pulmonary and extra pulmonary tuberculosis. Discuss Revised National Tuberculosis Control Programme (RNTCP). 60
6. Describe objectives, component, and critical analysis of each of the following: National Programmes for Control/Eradication of Malaria, Leprosy, Tuberculosis, Cancer, Blindness, AIDS and STD. 60
7. What is Eclampsia? Discuss clinical features, pathogenesis, complication and management of it. 60
8. (a) Describe causes of maternal mortality. 20×3=60  
(b) What are different conditions under which termination of pregnancy can be done legally?  
(c) What are temporary and permanent methods of contraception?