

# Medical Science

## Paper -II

**Time allowed : Three hours**

**Maximum Marks: 300**

All questions carrying equal marks.

Questions nos. **4** and **6** are compulsory and any **three** from the rest selecting atleast **one** from each section **(Total Five)**

### SECTION-A

1. Discuss etiology, clinical features, diagnosis & principles of management of Malarial fever. 60
2. Discuss causes of Maternal & infant mortality, how to prevent it. 60
3. What are water born diseases, discuss viral hepatitis & its management. 60
4. Discuss occupational health hazards due to environmental pollution and industrialization, and how to control it. 60

### SECTION - B

5. Describe clinical features, investigation & diagnosis of Koch's abdomen. Discuss the principle of management. 60
6. What are different stages of labour, discuss the complications of 3<sup>rd</sup> stage, how will you manage a case of PPH. 60
7. a. Define Infertility and its management. 20×3=60  
b. Describe DFUB.  
c. Define M.T.P. and its Medico legal importance.
8. What are different methods available for family planning, discuss the legal complication of Tubectomy & Vasectomy. 60

# Medical Science

## Paper -I

**Time allowed : Three hours**

**Maximum Marks: 300**

All questions carrying equal marks.

Questions no. 4 and 6 are compulsory and any **three** from the rest selecting atleast **one** from each section **(Total Five)**

### SECTION-A

1. a. Name the cranial nerves. Enumerate the branches of facial nerve. 20×3=60  
b. Describe the neuroanatomy of Olfactory nerve & its functions.  
c. Optic chiasma.
  
2. a. Define internal capsule & discuss its neuroanatomy. 20×3=60  
b. Describe Physiology of sleep and its different patterns observed in life time.  
c. Pernicious Anemia.
  
3. Discuss the metabolism of lipids, draw the diagram/ chart to show various steps/ metabolic summary. 60
  
4. Describe the anatomy, physiology and importance of Pancreas gland in the body. 60

P.T.O.

## SECTION - B

5. a. Discuss Etiopathogenesis of breast cancer. 20×3=60  
b. Role of Prognostic factors in the management of breast cancer.  
c. Describe types of breast cancer.
6. a. Define hanging and its medico legal importance. 20×3=60  
b. Describe examination of Rape victim & accused.  
c. Gunshot injury.
7. Classify newer antibiotics, discuss cephalosporin's & its role in treating diseases. 60
8. Describe pathological process of Inflammation and repair. 60