

**MEDICAL SCIENCE
PAPER - II**

Time Allowed : 3 hours

Full Marks : 100

Marks for each question is indicated against it.

Attempt any 5 (five) questions taking not more than 3 (three) questions from each Part.

PART - A

1. 'What are the symptoms of haemothorax and what possible complication could occur if not treated immediately? How will you diagnose haemothorax? Mention etiology of haemothorax and management of haemothorax. **(4+4+2+6+4=20)**
2. Write about the classification of asphyxia. What are the post-mortem findings in hanging? Write in brief about the confirmatory tests for drowning. **(5+10+5=20)**
3. Write about the components of the autonomic nervous system with respect to: **(10+10=20)**
 - (a) Function
 - (b) Symptoms of autonomic disorders
4. What is Colles' Fracture? Describe the clinical features, treatment and complication of Colles' Fracture. **(4+6+6+4=20)**

PART - B

5. Define Post Partum Haemorrhage (PPH). What are the causes of PPH? How would you manage the case of PPH just after delivery? Discuss the preventive measures for control of PPH. **(5+5+5+5=20)**
6. What are uterine fibroids? Give an account of the signs and symptoms of uterine fibroid. Describe how to diagnose uterine fibroid and its management. **(4+6+4+6=20)**
7. Write short notes on: **(10+10=20)**
 - (a) Structure of SARS-CoV2
 - (b) Principles and steps involved in Polymerase Chain Reaction. Mention applications of PCR in clinical medicine
8. What is Immunity? Describe in brief about Humoral and cell-mediated Immunity. **(4+8+8=20)**