

ATAL BIHARI VAJPAYEE MEDICAL UNIVERSITY, UTTAR PRADESH
BACHELOR OF PHYSIOTHERAPY (B.P.T)
FIFTH SEMESTER EXAMINATION - APRIL 2026

Time: 3 Hours

Max Marks: 80 Marks

Cardio Pulmonary Medicine & Surgery

PAPER CODE : 2635110119

General instructions:

- All questions are compulsory.
- Explain with diagrams where required.
- The number on the right indicates full marks.
- Please write the correct paper code.

LONG ESSAY QUESTIONS

2 X 20 = 40 Marks

- Q.1** Describe about the Neural and chemical regulation of respiration along with Lung volumes, lung capacities, lung function test, Pulmonary circulation and Lung sounds.
- Q.2** Describe about the Chambers of heart along with semilunar and atrioventricular valves, Coronary circulation, conductive system of heart, Cardiac cycle and Heart sounds.

SHORT NOTE QUESTIONS

2 X 10 = 20 Marks

- Q.3** How to perform treatment of lung diseases in Chronic Bronchitis?
- Q.4** Explain in detail about etiology, pathogenesis and clinical features of Heart failure.

SHORT ANSWER QUESTIONS

5 X 4 = 20 Marks

- Q.5** Explain about Cystic Fibrosis.
- Q.6** What is Bronchiectasis?
- Q.7** Write about Pleurodesis and Decortication of the Lung.
- Q.8** Explain Metastatic tumors of the Lung.
- Q.9** Write about ECG.
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GENERAL SURGERY
PAPER CODE : 2635110120

General instructions:

- All questions are compulsory.
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LONG ESSAY QUESTIONS

2 X 20 = 40 Marks

- Q.1** Describe about the Principle of common operations such as cholecystectomy, gastrectomy, appendicectomy, mastectomy and prostatectomy.
- Q.2** Describe the etiology, clinical features, signs and symptoms, complication and management of deep vein thrombosis and varicose veins.

SHORT NOTE QUESTIONS

2 X 10 = 20 Marks

- Q.3** Explain otitis media along with its Clinical Features and Management.
- Q.4** Discuss general post-operative complications and its management.

SHORT ANSWER QUESTIONS

5 X 4 = 20 Marks

- Q.5** Write uses and types of biopsies.
- Q.6** What are the stages of cancer?
- Q.7** Clinical features and management of burn.
- Q.8** Cataract.
- Q.9** Explain about laparoscopy.
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Max Marks: 80 Marks

General Orthopedics and Traumatology

PAPER CODE : 2635110121

General instructions:

- All questions are compulsory.
- Explain with diagrams where required.
- The number on the right indicates full marks.
- Please write the correct paper code.

LONG ESSAY QUESTIONS

2 X 20 = 40 Marks

- Q.1** Describe the Classification of Nerve injuries, clinical features and management of Peripheral Nerve Injuries.
- Q.2** Describe in detail about Classification , Clinical features, Management of Bone Tumours.

SHORT NOTE QUESTIONS

2 X 10 = 20 Marks

- Q.3** Explain about the levels of Amputation of Upper limbs with indications and complications.
- Q.4** Explain about Clinical features, complications, medical and surgical management of Perthes Disease.

SHORT ANSWER QUESTIONS

5 X 4 = 20 Marks

- Q.5** Explain about Rheumatoid Arthritis.
- Q.6** What is Avascular Necrosis?
- Q.7** Differentiate between Subluxation and Dislocation.
- Q.8** Explain about Cerebral Palsy
- Q.9** Mention about Osteotomy.
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Max Marks: 80 Marks

General Medicine
PAPER CODE : 2635110122

General instructions:

- All questions are compulsory.
- Explain with diagrams where required.
- The number on the right indicates full marks.
- Please write the correct paper code.

LONG ESSAY QUESTIONS

2 X 20 = 40 Marks

- Q.1** What is Peptic Ulcer? Mention the etiology, clinical features, diagnosis, complications and treatment of the Peptic Ulcer Disease.
- Q.2** Describe about the Causes, clinical features, types and management of Wilson's Disease.

SHORT NOTE QUESTIONS

2 X 10 = 20 Marks

- Q.3** Explain about the Aetiology, clinical features, diagnosis, complications and treatment of the Diabetes Mellitus.
- Q.4** Explain about the problem and management of LBW infants.

SHORT ANSWER QUESTIONS

5 X 4 = 20 Marks

- Q.5** What is Post traumatic stress disorder?
- Q.6** Explain Drug dependence and Alcoholism.
- Q.7** Explain about Spina Bifida.
- Q.8** What are clinical features of Viral Hepatitis?
- Q.9** Explain Types of Hemophilia.
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