Third B.P.TH. (2012) Examination, Summer - 2025 Phase - II
SURGERY - I

Total Duration : 2 Hours | Total Marks : 40

Instructions :
1) Use **black** ball point pen only.
2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
3) **All** questions are **compulsory.**
4) The number to the **right** indicates **full** marks.
5) Draw diagrams **wherever** necessary.
6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
7) **Use** a common answerbook for **all** sections.

1. Short Answer Questions (Solve **any 5** out of 6) : **[5×3=15]**
   a) Define cellulitis and discuss its management.
   b) Post operative pneumonia after laparotomy.
   c) ASEPSIS wound score.
   d) Tension pneumothorax.
   e) Management of 40% Thermal burns.
   f) Stages of wound healing.

2. Short Answer Questions (Solve **any 5** out of **6**) : **[5×5=25]**
   a) Complications of modified radical mastectomy.
   b) Discuss the Principles of laparoscopic surgery.
   c) Management of extradural Hematoma.
   d) Tracheostomy procedure and its postoperative care.
   e) Discuss various types of limb amputations. Enumerate the indications.
   f) Classify the causes of wound infection. Discuss the treatment of wound infections.

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Third B.P.TH. (2012) Examination, Summer - 2025 Phase - II
SURGERY (ORTHOPAEDICS) - II

Total Duration : 2 Hours | Total Marks : 40

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7) **Use** a common answerbook for **all** sections.

1. Short Answer Questions (Solve **any 5** out of **6**) : **[5×3=15]**

a) Describe radiological features of Rickets.
b) Chronic osteomyelitis.
c) Thomas splint application.
d) Smith's fracture.
e) Keinbock's disease.
f) CTEV

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2. Short Answer Questions (Solve **any 5** out of **6**) : **[5×5=25]**

a) Describe different zones of flexor tendon injury and its management.
b) Classify fractures of neck femur. Enumerate its complications.
c) Describe clinical features and treatment of medial meniscus tear.
d) Giant Cell Tumor.
e) Radiological features and management of RA.
f) Define non union of long bone. How you will manage non union of shaft of tibia.

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Third B.P.TH. (2012) Examination, Summer - 2025 Phase - II
MEDICINE - I

Total Duration : 2 Hours

Total Marks : 40

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*7) **Use** a common answerbook for **all** sections.*

1. Short Answer Questions (Solve **any 5** out of **6**) : **[5×3=15]**

a) Discuss common vitamin deficiencies.
b) Approach to interstitial lung disease- Clinical features and etiology.
c) Describe Health hazards due to obesity.
d) Enumerate the causes and Investigations in case of Hemoptysis.
e) Smoking and its hazards.
f) Enumerate Causes of Secondary Hypertension.

2. Short Answer Questions (Solve **any 5** out of **6**) : **[5×5=25]**

a) Discuss clinical features and complications of SLE.
b) Musculoskeletal changes and management in Elderly.
c) Diagnosis and Management of Acute Myocardial Infarction.
d) Discuss clinical features and management of Hyperthyroidism.
e) Enumerate chronic complications of Diabetes Mellitus, Write the investigations and management of Diabetic Neuropathy.
f) Enumerate the causes of Pleural Effusion. How will you manage such a case.

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Third B.P.TH. (2012) Examination, Summer - 2025 Phase - II
MEDICINE - II

Total Duration : 2 Hours | Total Marks : 40

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SECTION - A (20 Marks)
(Neurology)

1. Short Answer Questions (Solve **any 4** out of **5**) : **[4×5=20]**

a) Classify traumatic brain injuries.
b) Write note on Crytogenic Neuropathy.
c) Describe Radiculopathies and plexopathies.
d) Describe Acute disseminated Encephlomyelitis and its treatment.
e) Describe the clinical course of neuromyelitis optica.

SECTION - B (20 Marks)
(Paediatrics)

2. Short Answer Questions (Solve **any 4** out of **5**) : **[4×5=20]**

a) Clinical manifestation of multifocal motor neuropathy.
b) Write on Immunopathogenis of Acute Inflammatory Demyelinating Poly Neuropathy.
c) Describe congenital Myasthenic Syndrome.
d) Write clinical manifestation, lab features and treatment of Duchenn Muscular Dystrophy.
e) Draw diagram of spinal cord and describe the spinal cord Anatomy.

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Third B.P.TH. (2012) Examination, Summer - 2025 Phase - II
FUNCTIONAL DIAGNOSIS AND PHYSIOTHERAPEUTICS SKILL

Total Duration : 3 Hours | Total Marks : 80

Instructions :
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7) *Use a common answerbook for **all** sections.*

SECTION - A (50 Marks)

1. Short Answer Questions (Solve **any 5** out of 6) : [5×3=15]

a) Enumerate the different types of Electrodes used in EMG. (Electromyography)

b) Write the indications for ABI .(Ankle Brachial Index)

c) Enumerate any three objective scales used to measure intensity of pain.

d) Describe the grades of clubbing.

e) Explain the drop arm test.

f) Write the advantages of Modified Ashworth Scale.

2. Short Answer Questions (Solve **any 5** out of 6) : [5×7=35]

a) Explain the Pulmonary Function Test in detail. Add note on flow volume loop.

b) Write principles of Rood's approach. Describe about any two facilitatory and inhibitory techniques.

c) Write any 5 differences between Maitland and Kaltenborn mobilization techniques.

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d) Define end feel. Explain various types of end feels with suitable examples.

e) Explain slump test with all the steps in detail and its principle.

f) Define physical fitness and describe any two exercise tests for cardio respiratory endurance.

SECTION - B (30 Marks)

3. Long Answer Question (Solve **any 1** out of **2**) : **[1×15=15]**

a) A 35 year old female came to physiotherapy clinic with complains of ankle sprain and difficulty in standing and walking. She gives history of similar episode about six months ago. She has to stand and sell tea at her tea stall.

i) Write the ICF in above case.

ii) Give diagnosis with relevant special tests.

b) 50 year old female, house wife, complaints of pain in low back radiating to left leg since last three years. Her pain aggravates during prolonged standing, walking. Write in detail about assessment, differential diagnosis and functional diagnosis by using ICF.

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4. Long Answer Questions (Solve **any 1** out of **2**) : **[1×15=15]**

a) A 28 year old male patient suffering from recurrent episodes of persistent productive purulent cough and frequent chest infections since 12 years. Recently he was admitted with new hemoptysis, shortness of breath, and borderline lung function with fever which was managed with antibiotics and anti inflammatory medications. Patient was discharged 1 week back with instructions for positions of postural drainage daily with continuation of routine medication. He one of earning member among 3 and living in the family of 6 members. He is unmarried and has his own a shop. Write the differential diagnosis with X-ray findings and ICF with clinical reasoning.

b) A 58 year old male clerk has undergone C.A.B.G. for triple vessels disease yesterday. He is having a history of hypertension since 10 years and smoking 5 cigarettes daily from past 15 years, he is married with 1 college going child . Write in detail about assessment and functional diagnosis by using ICF.



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Third B.P.TH. (2012) Examination, Summer - 2025 Phase - II
COMMUNITY HEALTH & SOCIOLOGY

otal Duration : 3 Hours | Total Marks : 80

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7) ***Use** a common answerbook for **all** sections.*

SECTION - A (50 Marks)
(Community Health)

1. Short Answer Questions (Solve **any 5** out of **6**) : **[5×7=35]**
   a) National Urban Health Mission.
   b) Benefits to employees under ESIS Act.
   c) Vitamin D deficiency and its prevention.
   d) Purification of water on a small scale.
   e) Sanitation barrier.
   f) Prevention and Control of Obesity.

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2. Long Answer Questions (Solve **any 1** out of **2**) : **[1×15=15]**
   a) Classify epidemiological studies
      Describe in detail Randomized control trials.
   b) Define Infant Mortality Rate. Enumerate causes of IMR and state the preventive and control measures.

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3. Short Answer Questions (Solve **any 6** out of 7) :

a) Social aspects of Nutrition.

b) Socio - economic classification.

c) Structure of society.

d) Functions of Medical Social Worker.

e) Doctor-patient relationship.

f) Role of family in health and disease.

g) Juvenile Delinquency.

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