Third B.P.Th. (2012) Examination, Winter - 2022
SURGERY - I

Total Duration : 2 Hours **Total Marks : 40**

Instructions : *1) Use blue/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 question (any five out of six): **[5×3=15]**

a) Investigations & management of haemopneumothorax.
b) Deep vein thrombosis prophylaxis.
c) Etiology & management of trophic ulcer.
d) Colostomy care.
e) Clinical features & investigations of Coarctation of aorta.
f) Lucid interval.

2. Short answer question (any five out of six): **[5×5=25]**

a) Discuss etiology, clinical features, investigations, management of Varicose ulcer.
b) Classification, clinical features & management of hemorrhagic shock.
c) Discuss the stages of wound healing.

Third B.P.Th. (2012) Examination, Winter - 2022
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 (any five out of six): [5×3=15]

a) Dislocation of hip : management.
b) Fracture of body of humerous.
c) Malunion of bones.
d) Osteoarthritis of knee.
e) Avascular necrosis of head of femur.
f) Potts fracture.

2. Short answer questions (any five out of six): [5×5=25]

a) Bone cysts.
b) Osteogenic sarcoma.
c) Forequarter amputation: various indications and complications.
d) Fracture of lumber spine: management.
e) Acute osteomyelitis: describe various causes and management.
f) Stump management after amputation.



Third B.P.Th. (2012) Examination, Winter - 2022
MEDICINE - I

Total Duration : 2 Hours **Total Marks : 40**

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3) All questions are compulsory.
4) The number to the right indicates full marks.
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7) Use a common answerbook for all sections.

1. Short answer question (any five out of six): **[5×3=15]**

a) Diagnosis and treatment of osteoporosis.
b) S L E
c) Cushings syndrome
d) Clinical features of hyperthyroidism.
e) Treatment of iron deficiency anaemia.
f) Smoking hazards.

2. Short answer question (any five out of six): **[5×5=25]**

a) Enumerate risk factors for ischaemic heart disease.
b) Outline treatment of essential hypertension.
c) Clinical features of infective endocarditis.
d) Drugs used in treatment of Cor Pulmonale.
e) Write treatment of lung abscess.
f) Write treatment of pneumothorax.

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Third B.P.Th. (2012) Examination, Winter - 2022
MEDICINE - II

Total Duration : Section A+B = 2 Hours **Total Marks : 40**

SECTION - A & B

Instructions : *1) Use blue/black ball point pen only.*
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7) Use a common answerbook for all sections

SECTION - A
(Neurology)

1. Short answer question (any four out of five): [4×5=20]
a) Idiopathic parkinsons disease.
b) Draw and describe basal ganglia
c) Fascioscapular muscular dystrophy.
d) Describe anterior horn cell disease.
e) Myasthenia gravis.

SECTION - B
(Paediatrics)

2. Short answer question (any four out of five): [4×5=20]
a) Advantages of Breast Feeding?
b) Neonatal sepsis - Etiology and Clinical features?
c) Clinical features and management of Bronchial Asthma?
d) Classification of Cerebral Palsy?
e) Clinical features and management of Typhoid?



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Third B.P.Th. (2012) Examination, Winter - 2022
FUNCTIONAL DIAGNOSIS AND PHYSIOTHERAPEUTICS SKILLS

Total Duration : 3 Hours

Total Marks : 80

SECTION - A & SECTION - B

Instructions : *1) Use **blue/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.*

SECTION-A SAQ (50 Marks)

1. Short answer question (**any five** out of six): **[5×3=15]**

a) Define close pack with one example.

b) Describe characteristics of 'F wave'.

c) Describe the uses of Rate of Perceived Exertion. (RPE)

d) Explain uses of Incentive spirometry.

e) Write the grades of Maitland's mobilization therapy.

f) Enumerate any three neonatal reflexes.

2. Short answer question (**any five** out of six): **[5×7=35]**

a) Describe the types of electrodes used in EMG.

b) Explain indications and contraindications to exercise tolerance tests.

c) Describe trick movements and write the methods of assessment.

d) Explain the clinical tests for evaluation of Shoulder joint disorders.

e) Explain the Pain Gate Theory & write briefly on assessment of Pain.

f) Define Rheobase and Chronaxie and describe the factors influencing them.

SECTION-B LAQ (30 Marks)

3. Long answer question: (**any one** out of two): **[1×15=15]**

a) A 45-year-old software professional complained of occasional low back pain with VAS of 8/10 on movement radiating to right lower limb for 2 weeks. He gives a history of lifting heavy weight and has been diagnosed as grade 2 PIVD on MRI. His BMI is 28.7 and he leads a sedentary lifestyle. He stays in a housing colony on the 5th floor with lift facility available. Write his functional diagnosis with clinical reasoning for the same as per ICF.

b) A 28-year-old female salesgirl with a history of trauma to the left knee 1 month back comes to you for Physiotherapy. She was operated on with an intramedullary nail & her ROM for the left knee is from 30 to 80 degrees. Write down her structural impairments and ICF degrees & strength of extensors for left knee is 2+ & flexors are 3. She has no other problems. She has to travel 5 kms daily for her job by walking and stays on 1st floor in a building without lift facility. Give the functional evaluation with clinical reasoning according to ICF.

4. Long answer question (**any one** out of two): **[1×5=15]**

a) A 70 year old female who has suffered from left thalamo-capsular stroke 5 weeks back is referred to you for physiotherapy exercises. She is a homemaker and has good socio-economic status and had been diagnosed with hypertension for 16 years. Presently her right side is hypotonic with VC grade 3. She is conscious and cooperative but slightly drowsy with MMS score of 3. She has a maid available for household chores. Write her functional diagnosis with clinical reasoning as per ICF.

b) A 17-year-old boy complains of frequent episodes of breathlessness in ADLs with cough and minimal expectoration. He is diagnosed as allergic bronchial asthma and stays on the 2nd floor with no lift facility. His cough bouts make it difficult for him to attend the school on a daily basis. Write his functional diagnosis with clinical reasoning as per ICF.

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Third B.P.Th. (2012) Examination, Winter - 2022
COMMUNITY HEALTH & SOCIOLOGY

Total Duration : 3 Hours **Total Marks : 80**

SECTION - A & SECTION - B

Instructions : *1) Use **blue/black** ball point pen only.*

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*3) **All** questions are **compulsory.***

*4) The number to the **right** indicates **full** marks.*

*5) Draw diagrams **wherever** necessary.*

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

SECTION-A (50 Marks)
(Community Health)

1. Short answer question (**any five** out of **six**): **[5×7=35]**

a) Universal safety precautions
b) Oral contraceptive pills
c) Prevention of Tuberculosis
d) Geriatric health problems
e) Principles of primary health care
f) Advantages of breast feeding

2. Long answer question (**any one** out of **two**): **[1×15=15]**

a) Define and classify Protein energy Malnutrition. Explain in detail the preventive measures to be taken at individual, family and community level.

b) Classify accidents. Write epidemiology and prevention of road traffic accidents.

SECTION-B (30 Marks)

(Sociology)

3. Short answer question: (**any six** out of **seven**): **[6×5=30]**

a) Explain Role of family in health and disease.

b) Population explosion

c) Doctor patient relationship

d) Types of Social groups

e) Personal hygiene and healthy living

f) Behaviour and factors affecting it

g) Prevention of child labour