Third BPTH (Revised) Examination, Summer 2013

Medicine

Total Duration: Section A + B + C= 3 Hours

Section B + C Marks: 60

SECTION - B AND SECTION - C

Instruction 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.

SECTION - B   (30 Marks)

2. Answer the following (**any five** out of six) :   (5x3=15)

   a) Drugs used in treatment of Bronchial asthma.

   b) Bronchiectasis.

   c) Pleural effusion.

   d) Clinical features of Congina Pectoris.

   e) Atrial fibrillation.

   f) Causes of Secondary Hypertension.

3. Answer the following (**any three** out of four) :   (3x5=15)

   a) Trigeminal Neurolgia.

   b) Classification Epilepsy.

   c) Enumerate features of Parkinsonism.

   d) Common causes of paraplegia.

SECTION - C   (30 Marks)

4. Enumerate.   (1x15=15)

   a) causes of Sudden onset LMN paraplegia,   3

   b) Clinical features of Guilliari Barre syndrome,   5

   c) Variants of GBS,   7

5. Long answer question :   (1x15=15)

  a)

    i) Define chronic obstructive Pulmonary Disease,   3

    ii) Etiology,   5

    iii) Investigation and management   7

                    OR

  b)

    i) Classify Cardiomyopathy,   3

    ii) Give causes,   5

    iii) Clinical features of cardiomyopathy & Management   7

Third BPTH (Revised), Winter 2015
Medicine

Total Duration: Section A + B = 3 Hours   Total Marks : 80

_____ Section - A & Section - B _____

Instructions:

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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 answer book for all sections.

Section "A" SAQ (50 Marks)

1. Short answer question (**any five** out of six) :   (5x3=15)

   a) Jones criteria.
   b) Investigations in a suspected case of pulmonary tuberculosis.
   c) Transient ischaemic attack.
   d) Risk factors for coronary artery disease.
   e) Risk factors for osteoporosis fractures.
   f) Clinical features of B12 deficiency.

2. Short answer question (**any five** out of six) :   (5x7=35)

   a) Duchenne muscular dystrophy.
   b) Aetiology and clinical features of bronchial asthma.
   c) Clinical features of systemic lupus erythematosus.
   d) Clinical manifestations of hyperthyroidism.
   e) Management of Rheumatoid arthritis.
   f) Clinical features of Guillain-Barre syndrome.

Section "B" LAQ (30 Marks)

3. Long answer question (**any one** out of two) :   (1x15=15)

   a) Describe pathophysiology, clinical features and management of Parkinson's disease.

   b) Classify epilepsy. Describe clinical features, investigations and management of generalised tonic clonic seizures.

4. Long answer question (**any one** out of two) :   (1x15=15)

   a) Describe briefly the clinical manifestations and management of acute coronary syndrome.

   b) Describe different types and treatment of pneumothorax.

Third B.P.Th. (Revised) Examination, Summer 2015
MEDICINE (Syllabus of Revised is Applicable to Old/New)

Total Duration : Section A + B = 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 answer book for **all** Sections.

SECTION – A (SAQ)   (50 Marks)

                                                                            (5×3=15)

1. Short answer question (**any five** out of six) :

   a) Clinical features of Tetanus.

   b) Pneumoconiosis.

   c) Bell's palsy.

   d) Gout: Clinical features and management.

   e) Myaesthenia Gravis: Clinical features, investigations and treatment.

   f) Non Pharmacological management of Hypertension.

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

   a) Empyema.

   b) Clinical features and Treatment of Rheumatoid Arthritis.

   c) Duchenne Muscular Dystrophy.

d) Addison's disease.

e) Status epilepticus.

f) Clinical features and treatment of Thyrotoxicosis.

SECTION – B (LAQ) (30 Marks)

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

   a) Discuss etiopathology, clinical features and management of Bronchial Asthma.

   b) Discuss etiology, patho physiology, types of Motor Neuron Disease and clinical features of Amyotrophic lateral sclerosis.

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

   a) Classify Meningitis. Discuss etiopathology, clinical features and management of Tuberculous Meningitis.

   b) Discuss etiology, pathogenesis, clinical features and management of Ischemic Heart disease.

_____

Third BPTH (Revised), Winter 2014

Medicine

(Syllabus of Revised is Applicable to Old/New)

Total Duration : Section A + B = 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 answer book for all section.

Section "A" SAQ (50 Marks)

1. Short answer question **(any five out of six)** : (5x3=15)

   a) Write clinical features of acute Rheumatic Fever

   b) Write management of ankylosing Spondylitis.

   c) Write clinical features and etiology of bronchiectasis.

   d) Write management of Acute Myocardial Infarction

   e) State classification of epilepsy and write treatment of Complex Partial Seizures.

   f) Enumerate complications of obesity.

2. Short answer question **(any five out of six)** : (5x7=35)

   a) Write pathogenesis and investigations of Pyogenic Meningitis.

   b) Write clinical features and management of GBS.

   c) Write etiology, clinical features of Parkinsons Disease. Short comment on treatment.

   d) Write investigations and management of Type 2 Diabetes Mellitus

   e) Describe clinical features and treatment of Gout

   f) Write five causes of Secondary Hypertension. Describe in brief Renal Artery Stenosis.

Section "B" LAQ (30 Marks)

3. Long answer question **(any one out of two)** : (1x15=15)

   a) Discuss etiology, patho-physiology, clinical features and management of Infective Endocarditis.

   b) Discuss etiology, patho-physiology, clinical features and management of Community Acquired Pneumonia.

4. Long answer question **(any one out of two)** : (1x15=15)

   a) Describe etiology, pathogenesis, clinical features and management of Rheumatoid Arthritis.

   b) Write etiology, clinical features & management of Transverse Myelitis.

Third B.P.Th. (Revised) Examination, Winter 2013
MEDICINE

Total Duration: Section A + B + C = 3 Hours

Section B & C Marks: 60

SECTION – B & SECTION – C

Instructions:
1) **All** questions are **compulsory**.
2) The number to the **right** indicates **full** marks.
3) **Draw** diagrams wherever **necessary**.
4) 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.

SECTION – B

(30 Marks)

2. Answer the following (**any five** out of six) :

(5x3=15)

   a) Common causes of Haemoptysis.

   b) Lung abscess.

   c) Pneumothorax.

   d) Pulmonary embolism.

   e) Features of Cor pulmonale.

   f) Risk factors of Coronary artery disease.

3. Answer the following (any three out of four) :

(3x5=15)

   a) Bells Palsy.

   b) Status Epilepticus.

   c) Enumerate features of Cerebellar lesions.

   d) Common causes of Peripheral Neuropathy.

P.T.O.

SECTION – C (30 Marks)

(1x15=15)

4. Discuss the

   a) Classification of Pneumonia — 5

   b) Clinical features — 5

   c) Management of Community Acquired Pneumonia. — 5

(1x15=15)

5. a) Define

   i) Stroke and give the aetiology and pathogenesis — 5

   ii) Clinical features — 5

   iii) Investigations. — 5

OR

(1x15=15)

   b) Classify

   i) Hypertension — 5

   ii) Etiology — 5

   iii) Investigations. — 5

Third B.P.Th. (Revised) Examination, Summer 2014
COMMUNITY HEALTH/SOCIOLOGY AND BIOSTATISTICS

Total Duration: Section A + B + C = 3 Hours   Section B & C Marks : 60

SECTION – B & SECTION – C

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.
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7) **Use** a common answer book for **all** Sections.

SECTION – B   (30 Marks)

2. Answer the following (**any five** out of six) :   (5×3=15)

   a) Epidemiological triad.

   b) Principles of primary health care.

   c) Net Reproduction Rate.

   d) Sanitation barrier.

   e) Modes of HIV transmission.

   f) Conditions for legally terminating pregnancy.

3. Answer the following (**any three** out of four) :

   a) Pulse polio immunisation.   (3×5=15)

   b) DOTS.

   c) Vitamin A prophylaxis programme in India.

   d) Uses of Epidemiology.

P.T.O.

SECTION – C   **(30 Marks)**

4. Answer the following **(any three** out of four) :   **(3×5=15)**

   a) Differences in qualitative data and quantitative data.

   b) Methods of sampling.

   c) Measures of central tendency.

   d) Standard normal curve.

                                                  (3×5=15)

5. Answer the following **(any three** out of four) :

   a) Differentiate between primary group and secondary group.

   b) Medical Sociology.

   c) Effective doctor patient relationship.

   d) Socialization.

Third B.P.Th. (Revised) Examination, Summer 2013
COMMUNITY HEALTH/SOCIOLOGY AND BIOSTATISTICS

Total Duration: Section A + B + C = 3 Hours   Section B & C Marks: 60

SECTION – B & SECTION – C

Instructions: 1) **All** questions are **compulsory**.

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

3) Draw diagrams **wherever** necessary.

4) **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.

SECTION – B

2. Answer the following (**any five** out of **six**)   (5×3=15)
   a) Describe levels of prevention
   b) ORS
   c) DOTS in Tuberculosis
   d) Pasteurisation of milk
   e) Social security measures
   f) Hepatitis 'B' vaccine.

3. Answer the following (**any three** out of **four**)   (3×5=15)
   a) Risk factors for coronary heart disease
   b) Integrated method of vector control
   c) Prevention of mental disorder
   d) Uses of epidemiology.

SECTION – C

4. Answer the following (**any three** out of **four**)   (3×5=15)
   a) Medical measures for prevention of occupational disease
   b) Determinants of health
   c) Case – Control study
   d) Normal distribution curve

5. Answer the following (**any three** out of **four**)   (3×5=15)
   a) Influence of family on human personality development
   b) Urbanization and its hazard on health
   c) Doctor – patient relationship
   d) MTP Act

Third B.P.Th. (Revised) Examination, Winter 2013
COMMUNITY HEALTH/SOCIOLOGY AND BIOSTATISTICS

Total Duration: Section A + B + C = 3 Hours

Section B & C Marks: 60

SECTION – B & SECTION – C

Instructions:
1) **All** questions are **compulsory**.
2) The number to the **right** indicates **full** marks.
3) **Draw** diagrams **wherever** necessary.
4) 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.

SECTION – B   (30 Marks)

2. Answer the following (**any five** out of six) :   (5×3=15)
   a) Uses of epidemiology.
   b) Non modifiable risk factors in hypertension.
   c) Medical benefits under ESIS Act to the employees.
   d) Multi-drug resistant tuberculosis.
   e) Role of physiotherapy in postnatal care.
   f) Rehabilitation in Leprosy.

3. Answer the following (**any three** out of four) :   (3×5=15)
   a) Screening for cancer.
   b) Appropriate technology in primary health care.
   c) Enumerate fertility indicators with details of any one.
   d) Integrated vector control.

SECTION – C   (30 Marks)

4. Answer the following (any three out of four) :   (3×5=15)
   a) Measures of dispersion.
   b) Chi square test.
   c) Random sampling.
   d) Histogram.

5. Answer the following (any three out of four) :   (3×5=15)
   a) Types of family.
   b) Vocational rehabilitation.
   c) Social problems of girl child.
   d) Role of medico-social worker in hospital.

_____

Total Duration : Section A + B + C = 3 Hours   Total Marks : 80

Instructions:

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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" (40 Marks)
(Community Health)

1. Short answer question (**any five** out of six) :   (5x5=25)

    a) Industrial Accidents.
    b) Lathyrism.
    c) Functions of World Health Organization.
    d) Components of DOTS strategy.
    e) Specific health protection during antenatal care.
    f) Prevention of Vitamin A deficiency.

2. Long answer question (**any one** out of two) :   (1x15=15)

    a) Describe the measures for the prevention of occupational diseases.

    b) Describe the epidemiology of HIV infection. Describe the measures for the prevention and control of HIV/AIDS.

Section "B" (20 Marks)
(Sociology)

3. Short answer question (**any four** out of five) :   (4x5=20)

    a) Juvenile Delinquency.
    b) Cultural factors in mother and child health.
    c) Role of family in stabilization of adult personality.
    d) Social stress.
    e) Alcohol abuse.

Section "C" (20 Marks)
(Biostatistics)

4. Short answer question (**any four** out of five) :   (4x5=20)

    a) Systematic sampling.
    b) Normal Curve.
    c) Measures of central tendency.
    d) Addition law of probability.
    e) Frequency polygon.

Third B.P.Th. (Revised) Examination, Summer 2015
COMMUNITY HEALTH/SOCIOLOGY AND BIO STATISTICS
(Syllabus of Revised is Applicable to Old/New)

Total Duration : Section A+B+C = 3 Hours   Total Marks : 80

SECTION – A, B & C

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 answer book for **all** Sections.

SECTION – A   (40 Marks)

(Community Health)

1. Short answer question (**any five** out of six) :   (5x5=25)

   a) Five main differences between case control and cohort study.

   b) Sanitation barrier and its example.

   c) Rickets and it's prevention.

   d) National immunisation schedule for infants.

   e) Directly Observed Treatment Short course.

   f) Specific health protection during antenatal care.

2. Long answer question (**any one** out of two) :   (1x15=15)

   a) Mention definition and objectives of ergonomics. Discuss in detail the measures for health protection of workers.

   b) Describe various levels of prevention. Mention its modes of intervention giving examples of each mode.

P.T.O.

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SECTION – B   (20 Marks)

(Sociology)

3. Short answer question (**any four** out of five) :   (4x5=20)
   a) Criteria and management of a drug addict.
   b) The specific goals for girls in National plan of Action for children 2005.
   c) Social security schemes in India.
   d) Role of motivation in community health work.
   e) Main characteristics of Nuclear and Joint family.

SECTION – C   (20 Marks)

(Biostatistics)

4. Short answer question (**any four** out of five) :   (4x5=20)
   a) What is standard deviation and its uses ?
   b) Measures of central tendency.
   c) Differentiate incidence and prevalence rates.
   d) Simple random sampling.
   e) Sample registration system (SRS).

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Third BPTH (Revised), Winter 2015

Physical Diagnosis and Manipulative Skills

Total Duration: Section A + B = 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.

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 answer book for all sections.

Section "A" SAQ (50 Marks)

1. Short answer question (**any five** out of six) :　　　　　　　　　　(5x3=15)

   a) F- wave.

   b) Quadriceps lag.

   c) Three ECG changes in left ventricular wall myocardial infarction.

   d) Babinski reflex.

   e) Modified Ashworth Scale.

   f) Breath holding test.

2. Short answer question (**any five** out of six) :　　　　　　　　　　(5x7=35)

   a) Trigger points.

   b) Importance of pain tolerance and pain threshold testing in physiotherapy assessment.

   c) Neurophysiological and mechanical effects of joint mobilisation.

   d) Principles of Rood's approach with a note on any one technique.

   e) Assessment of pain.

   f) Write a note on diabetic foot.

P.T.O.

Section "B" LAQ (30 Marks)

(1x15=15)

3. Long answer question (**any one** out of two) :

a) A 60 year old housewife came with the chief complaint of excruciating pain, stiffness and deformity around the right wrist joint and hand after fall on the outstretched hand 1 month back. Her wrist joint was immobilized in plaster cast for 1 month. She complained of pain in right forearm during the period of immobilization. Presently the hand is swollen, reddened with stiffness of fingers as well as shoulder. i) Write down differential diagnosis. ii) Write detailed assessment. iii) Write down functional diagnosis along with ICF.

b) A 19 year old male cricketer came with chief complaint of morning stiffness, and severe pain around low back. He gives history of similar previous episodes 4 month back but of less intense variety. The symptoms are associated with generalized fatigue. This episode was treated by family physician and there was temporary symptomatic relief after the treatment. He is now referred to physiotherapy department for further management. i) Write down detailed assessment using ICF. ii) Give differential diagnosis. iii) Functional diagnosis with clinical reasoning.

4. Long answer question (**any one** out of two) :

(1x15=15)

a) A 65 year old retired clerk discharged from the hospital after 20 days of treatment for acute exacerbation of dyspnoea associated with thick productive sputum and occasional episodes of sleep apnoea. He is also suffering from general malaise and fatigue. Patient is socially active and likes to travel. Socioeconomic status is good. His BMI is 30. i) Write down detailed assessment with ICF. ii) Give differential diagnosis. iii) Functional diagnosis with clinical reasoning.

b) A 25 year old male football player suffered from brachial plexus injury 15 days back. He is complaining of partial weakness of muscles supplied by upper trunk of brachial plexus. i) Write down detailed assessment with ICF. ii) Functional diagnosis with clinical reasoning.

Third BPTH (Revised), Winter 2014

Physical Diagnosis and Manipulative Skills

(Syllabus of Revised is Applicable to Old/New)

Total Duration : Section A + B = 3 Hours   Total Marks : 8

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 answer book for all section.

Section "A" SAQ (50 Marks)

1. Short answer question **(any five** out of six) :   (5x3=15)

    a) Ankle brachial index.

    b) Define 10 RM and Delorm progressive resistance exercise regimen.

    c) Types of end feel.

    d) Enumerate superficial reflexes.

    e) Three ECG changes in left bundle branch block.

    f) Define Chronaxie & Rheobase.

2. Short answer question **(any five** out of six) :   (5x7=35)

    a) Explain neuro-development in first year of maturation with special emphasis on the sensory development.

    b) Write any three differences between Kalternborn & Maitland's mobilisation. State their grades with well illustrated diagrams.

    c) Write a note on principles of PNF with examples.

    d) Nerve conduction velocity in neurogenic lesion and EMG finding in myogenic lesions.

    e) Explain in details any four kinds of postural deviations.

    f) Write a note on active & passive insufficiency with an example. Explain any two special tests to test hip flexors tightness.

P.T.O.

Section "B" LAQ (30 Marks) (1x15=15)

3. Long answer question (**any one** out of two) :

a) A 35 year old vegetable vendor came with chief complain of intermittent pain in low back with cramps in calves since last 6 month.These symptoms increases on walking & gets completely relived on sitting.Symptoms are gradually worsening since last 3 months. He is a sole earning member in the family of two.i)Give differential diagnosis.ii)Write down detailed assessment. iii)Functional diagnosis with clinical reasoning.

b) A 25 year old dancer came with chief complaint of pain in neck & upper trapezius region with referred pain bilaterally in both upper limb.It is associated with heaviness & numbness in upper limbs while carrying out any reaching out or overhead activity.Complains are increasing since last 6 month.Patient frequently complained of pain & heaviness in trapezius area before 6 month.i)State differential diagnosis. ii)Write down detailed assessment. iii)Write down functional diagnosis.

(1x15=15)

4. Long answer question (**any one** out of two) :.

a) A 25 year old male patient hospitalized with chief complaint of throbbing pain, dysasthesia & proximal muscle weakness of extremities. Symptoms started with an episode of gastrointestinal illness & proximal muscle weakness of lower extremity progressively including upper extremity & face. i)State differential diagnosis. ii)Write down detailed assessment.iii)Write down functional diagnosis.

b) A 55 year old company manager complained of sudden onset of headache with disturbed vision along with weakness of right side of body.He was hospitalized for the same 4 days back.Presently he is conscious & co-operative.He was socially active & his job involved frequent travelling.He & his wife are the earning members in the family of three. i)State differential diagnosis ii)Write detailed assessment iii)Write down functional diagnosis

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Third B.P.Th. (Revised) Examination, Winter 2012
PHYSICAL DIAGNOSIS AND MANIPULATIVE SKILLS

Total Duration: Section A + B + C = 3 Hours

Section B & C Marks : 60

SECTION – B & SECTION – C

Instructions: 1) All questions are **compulsory**.

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

3) Draw diagrams **wherever** necessary.

4) **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.

SECTION – B

2. Answer the following (**any five** out of six) : (5×3=15)

   a) H reflex.

   b) Principle of Kaltonborn mobilization technique.

   c) ULTT for ulnar nerve.

   d) Test to confirm menisus injury in knee joint.

   e) P.F.T. changes in obstructive lung disease.

   f) Electrodes used in EMG.

3. Answer the following (**any three** out of four) : (3×5=15)

   a) S.D. curve.

   b) Normal development stages from birth to one year.

   c) Assessment of Pain.

   d) Funtional evaluation of hand.

P.T.O.

SECTION – C

4. A 65 yrs old female, widow, known case of D.M. is complaining of bilateral pain in knee joint. She is diagnosed with O.A. of knee joint. She has Genu Varum (Bilateral) and pain increases on squatting. Her VAS is 7/10. Write structural and functional impairment. What clinical assessment should be done to confirm Genu Varum ?

(10+5=15)

5. 50 yrs old male suffered from left stroke one month back. He is having his own business. He has good voluntary control in his left lower limb and fair in left. Upper limb. No hand control. He is right hand dominant and known hypertensive write structural and functional impairment . Give personal contextual factors. (3+5+7=15)

OR

5. Write structural and functional impairment for 40 yrs old executive, who had myocardial infarction 15 days back. He is smoker. Write contra indications for exercise tolerance test. (8 +7=15)

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Third B.P.Th. (Revised) Examination, Summer 2013
PHYSICAL DIAGNOSIS AND MANIPULATIVE SKILLS

Total Duration: Section A + B + C = 3 Hours

Section B & C Marks: 60

SECTION – B & SECTION – C

Instructions: 1) **All** questions are **compulsory.**

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

3) Draw diagrams **wherever** necessary.

4) **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.

SECTION – B

2. Answer the following (**any 5** out of 6). (5×3=15)

   a) Rebound test for co-ordination

   b) Rigidity and its types

   c) H-reflex

   d) Grades described by maitland

   e) Symmetric tonic neck reflex

   f) Three pathological end feels with example.

3. Answer the following (**any 3** out of 4). (3× 5=15)

   a) Timed Get up and Go test

   b) Explain PNF principles

   c) Tests for cervical spondylosis

   d) Assessment of obesity.

SECTION – C

Long answer question.

(1×15=15)

4. A 60 year old housewife who weighs 80 kg, suffers from knee pain since 1 year.

Evaluate the case with KF and give the functional diagnosis.

(10+5)

P.T.O.

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$(1 \times 15 = 15)$

Long answer question.

5. a) A 56 year old male had bouts of breathlessness and diagnosed to have intrinsic asthma. He is a smoker and lives in a hill station. Evaluate the case with ICF and give the functional diagnosis. $(10+5)$

OR

b) A 55 year old school teacher, known hypertensive since 20 years had a haemorrhagic stroke that resulted in right sided weakness. Scan revealed MCA territory involvement. Evaluate with ICF and give the functional diagnosis. $(10+5)$

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Third B.P.T.H. (Revised) Examination, Winter 2013
PHYSICAL DIAGNOSIS AND MANIPULATIVE SKILLS

Total Duration: Section A + B + C = 3 Hours

Section B & C Marks: 60

SECTION – B & SECTION – C

Instructions:
1) All questions are **compulsory**.
2) The number to the **right** indicates **full** marks.
3) **Draw** diagrams wherever **necessary**.
4) 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.

SECTION – B

(30 Marks)

2. Answer the following (any **five** out of **six**) : (5×3=15)
   a) Write a brief note on H reflex.
   b) Any 3 tests to access coordination.
   c) Normal and abnormal breath sounds.
   d) Assessment of oedema.
   e) Types of electrodes used in EMG.
   f) Grades of clubbing.

3. Answer the following (any **three** out of **four**) : (3×5=15)
   a) Strategies of pain management.
   b) Any 5 tests for knee joint evaluation.
   c) Enlist Mcenzie syndromes. Explain any 1.
   d) Discuss Brunstrom protocol with its principles. Quote one appropriate example to train ankle control post stroke.

SECTION – C

(30 Marks)

4. A 6 years old boy was brought to PT dept. by his parents with complains of repeated falls, difficulty in running and climbing stairs. He presents with hypertrophy of both calf muscles and difficulty in unsquatting.
   a) give ICF (1×15=15)
   b) functional diagnosis 5
   c) clinical reasoning 5

   5

P.T.O.

5. a) A 48 years old male chronic smoker working in a bidi factory for last 20 years comes with complaints of breathlessness on exertion cough with expectoration which is more in the mornings with foul smelling breath. (1×15=15)

    i) ICF   5

    ii) Functional diagnosis   5

    iii) Clinical reasoning   5

OR

5. b) A 40 years old female, working in a bank since 15 years complains of low back pain since 3 years. The pain increases by evening and also when she does household activity. Pain occasionally radiates to right buttock and is relieved when she rests in supine. (1×15=15)

    i) ICF   5

    ii) Functional diagnosis   5

    iii) Clinical reasoning   5

SURGERY

Total Duration: Section A + B + C= 3 Hours

Section B + C Marks: 60

SECTION - B AND SECTION - C

Instruction 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.

SECTION - B
GENERAL SURGERY
(30 Marks)

2. Answer the following (**any five out of six**) :

   a) achalasia cardia.

   b) gall stones.

   c) renal tuberculosis.

   d) peptic ulcer disease.

   e) breast reconstruction.

   f) subdural hematoma.

(5x3=15)

3. Answer the following (**any three out of four**) :

   a) venous ulcer.

   b) chest trauma-treatment.

   c) management of gangrene of foot.

   d) tetralogy of fallot.

(3x5=15)

SECTION - C
ORTHOPAEDICS
(30 Marks)

4. Answer the following (**any five out of six**) :

   a) write short notes on cartilage & its types in human body.

   b) write short note on pathophysiology of Rheumatoid Arthritis.

   c) current treatment methods in CTEV.

   d) describe monteggia fracture in adult.

   e) Anterior shoulder dislocation and its management.

   f) Thomas splint.

(5x3=15)

Answer the following (**any three out of four**) :

a) pathophysiology of fracture healing.

b) Brachial plexus injuries during birth.

c) volkmans ishemic contracture and its management.

d) chronic osteomyelitis.

_____

Third BPTH (Revised), Winter 2015
General Surgery

Total Duration : Section A + B = 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 (40 Marks)
(General Surgery)

(5x3=15)

1. Short answer question (**any five** out of six) :

   a) Hyponatraemia.

   b) Wallace's rule of nine.

   c) Split thickness skin graft.

   d) Stages of wound healing.

   e) Extradural haematoma.

   f) Atrial septal defect.

(5x5=25)

2. Short answer question (**any five** out of six) :

   a) Define ulcer and describe types of ulcers.

   b) Enumerate different types of shock. Discuss management of septic shock.

   c) Management of Burger's disease.

   d) Complications of modified radical mastectomy.

   e) Describe types of lower limb amputations.

   f) Describe various incisions of Thoracotomy.

P.T.O.

Section "B" SAQ (40 Marks)
(Orthopaedics)

(5x3=15)

3. Short answer question (**any five** out of six) :

   a) Ankylosing spondylitis.
   b) Diagnosis of Developmental Dysplasia of Hip.
   c) Osteochondroma.
   d) Total Hip Replacement.
   e) Tennis Elbow.
   f) Chronic Osteomyelitis.

(5x5=25)

4. Short answer question (**any five** out of six) :

   a) Tuberculosis of Hip.
   b) Supracondylar fracture of humerus in children.
   c) Prolapsed intervertebral disc L4-5.
   d) Classification, diagnosis and management of intracapsular fracture neck of femur.
   e) Rheumatoid arthritis.
   f) Classification and principles of management of Peripheral Nerve Injury.

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Third B.P.Th. (Revised) Examination, Summer 2015
SURGERY
(Syllabus of Revised is Applicable to Old/New)

Total Duration : Section A + B = 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 answer book for **all** Sections.

SECTION – A (SAQ)   (40 Marks)
(General Surgery)

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

   a) Glasgow Coma Scale

   b) ABC of Trauma

   c) Massive blood transfusion and its complications

   d) Fistula in ano

   e) Gall stones – aetiology and symptoms

   f) Hydrocele.

P.T.O.

(5x5=25)

2. Short answer question (**any five** out of six) :

   a) Burger's Disease

   b) Dry gangrene

   c) Thoracotomy

   d) Deep venous thrombosis prophylaxis

   e) Pneumothorax

   f) Management of Lymphoedema.

SECTION – B (SAQ)   (40 Marks)

(Orthopaedics)

3. Short answer question (**any five** out of six) :   (5x3=15)

   a) Stages of fracture healing

   b) Giant cell tumour

   c) Osteoporosis

   d) Carpal tunnel syndrome

   e) Classification and management of scoliosis

   f) Compartment syndrome.

4. Short answer question (**any five** out of six) :   (5x5=25)

   a) Congenital talipus equino varus

   b) Rheumatoid Arthritis

   c) Aetiopathogenesis, clinical features and management of lumbar prolapse intervertebral disc.

   d) Management and complications of fracture neck of femur.

   e) Clinical features and management of Tuberculosis of spine.

   f) Classification, clinical features and management of shoulder dislocation.

_____

Third BPTH (Revised), Winter 2014

Surgery

(Syllabus of Revised is Applicable to Old/New)

Total Duration : Section A + B = 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 answer book for all section.

Section "A" SAQ (40 Marks)
(General Surgery)

1. Short answer question (**any five** out of six) :   (5x3=15)

   a) Management of Diabetic foot.

   b) Clinical features and management of Deep Vein Thrombosis.

   c) Management of Intercostal drain.

   d) complications of tracheostomy and their management.

   e) Cardio Pulmonary Resuscitation.

   f) Physiotherapy management of patient in coma.

2. Short answer question (**any five** out of six) :   (5x5=25)

   a) Differences between keloid and hypertrophic scar

   b) Enumerate types of Shocks & Management of Hemorrhagic Shock.

   c) Describe Various Abdominal incisions with advantages & disadvantages.

   d) Complications of third degree burns and their management.

   e) Complications After Modified radical mastectomy.

   f) Management of patient with below knee amputation..

P.T.O.

Section "B" SAQ (40 Marks)
(Orthopaedics)

(5x3=15)

3. Short answer question (**any five** out of six) :

    a) Enumerate six complications of fracture.

    b) Enumerate displacements of Colle"s Fracture and its clinical features.

    c) Enumerate six causes of pathological fracture.

    d) Write clinical features of radial nerve injury and name different investigation modalities.

    e) Enumerate complications of chronic osteomyelitis and radiological signs of chronic osteomyelitis.

    f) Enumerate diagnostic criteria for Rheumatoid arthritis.

(5x5=25)

4. Short answer question (**any five** out of six) :

    a) Describe clinical features and management of compartment syndrome.

    b) Write clinical features and management of supracondylar fracture of humerus in children.

    c) Write short note on Electromyography.

    d) Write clinical and radiological features of osteosarcoma.

    e) Describe clinical radiological features of Rickets.

    f) Write short note on congenital talipes equinovarus.