

BACHELOR OF PHYSIOTHERAPY  
Third Year : SUMMER : 2024  
SUBJECT: SURGERY

Day : Tuesday  
Date : 10/09/2024

S-25056-2024

Time : 10:00 AM-12:00 PM  
Max. Marks : 40

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labelled diagrams **WHEREVER** necessary.
- 4) Answers to both the sections should be written in **SEPARATE** answer books.

SECTION - A

Q. 1 Short Answer questions (Attempt ANY FOUR )

(4 x 5 = 20)

- a) Contre Coup injuries.
- b) Enumerate the complications of Amputation.
- c) Flail Chest.
- d) Write a note on Cardiac Tamponade.
- e) Write a note on Mitral Stenosis.

SECTION - B

Q. 2 Short Answer questions (Attempt ANY FOUR )

(4 x 5 = 20)

- a) Enumerate indications and complications of Tracheostomy.
- b) Describe the complications following Mastectomy for Breast Malignancy.
- c) Complications of Varicose Veins.
- d) Hypernatremia.
- e) Factors affecting wound healing.

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BACHELOR OF PHYSIOTHERAPY  
Third Year : SUMMER : 2024  
SUBJECT: ORTHOPAEDICS

Day : Wednesday  
Date : 11/09/2024

S-25057-2024

Time : 10:00 AM-12:00 PM  
Max. Marks : 40

N.B.

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate **FULL** marks.
- 3) Answer to both the sections should be written in **SEPARATE** answer book.
- 4) Draw neat diagrams wherever necessary.

SECTION – A

Q.1 Short answer questions (Any **FOUR** out of **FIVE**) : (4x5=20)

- a) What is compound fracture? How they are classified, outline the management.
- b) Discuss the causes and clinical features of Scoliosis.
- c) Define Osteoarthritis and discuss Etiology and Clinical features of Osteoarthritis.
- d) Define Tumor and discuss the features of Benign and Malignant tumors.
- e) What is Cubitus varus and Cubitus valgus? Briefly outline the surgical treatment plan.

SECTION – B

Q.2 Short answer questions (Any **FOUR** out of **FIVE**) : (4x5=20)

- a) Describe the Etiopathology and clinical features of tubercular arthritis of Hip.
- b) Define Gangrene and enumerate the clinical condition causing gangrene.
- c) Define Osteoporosis and Enumerate the causes.
- d) What is Post Polio Residual Paralysis? What are deformities caused in lower limb?
- e) What is CDH and write clinical presentation of CDH and diagnosis?

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**BACHELOR OF PHYSIOTHERAPY**  
**Third Year : SUMMER : 2024**  
**SUBJECT: PAEDIATRICS**

Day : Thursday  
Date : 19/09/2024

**S-25060-2024**

Time : 10:00 AM-12:00 PM  
Max. Marks : 40

**N.B:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answer to both the sections should be written in **SEPARATE** answer book.
- 4) Draw neat and labeled diagram **WHEREVER** necessary.

**SECTION - A**

**Q.1** Short Answer Questions: (Any **FOUR** out of **FIVE**) : **[20]**

- a) Write a short note on Apgar score.
- b) Write about management of preterm baby.
- c) A one year girl presents with acute watery diarrhea since two days. Write any two organisms causing diarrheal disease in children. Name a vaccine which is given to prevent diarrheal disorders in infancy. Enlist various preventive measures against childhood diarrhea.
- d) Define seizure and epilepsy. List the investigations advised in a child with epilepsy.
- e) What is the basic cause of Down's syndrome? Enumerate the respiratory and gastrointestinal problems which can be seen in these patients. How can you as a physiotherapist help the child for these problems?

**SECTION - B**

**Q.2** Short Answer Questions: (Any **FOUR** out of **FIVE**) : **[20]**

- a) Write a short note on septic arthritis in children.
- b) Differentiate between upper motor neuron lesion and lower motor neuron lesion.
- c) Write any two differences between fetal and adult circulation of blood. Describe in brief role of physiotherapist in a post cardiac surgery patient.
- d) Describe in brief signs of cerebellar involvement.
- e) List any four factors which affect clinical outcome in a child with tuberculosis. Write the role of physiotherapist in managing a child with CNS tuberculosis.

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**BACHELOR OF PHYSIOTHERAPY**  
**Third Year : SUMMER : 2024**  
**SUBJECT: MEDICINE**

Day : Friday  
Date : 13/09/2024

**S-25058-2024**


Time : 10.00 AM-12:00 PM  
Max. Marks : 40

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labelled diagrams **WHEREVER** necessary.
- 4) Answers to both the sections should be written in **SEPARATE** answer books.


**SECTION - A**

**Q. 1** Short Answer questions (Attempt **ANY FOUR**) (4 x 5 = 20)

- a) Define Diabetes Mellitus. Management of Diabetic ketoacidosis in detail.
- b) Enumerate the risk factors of fall in elderly and interventions to reduce the risk of falls and fractures.
- c) Physiological changes due to aging.
-  d) Write pathophysiology, clinical features, investigation and management of systemic lupus erythematosus.
- e) Clinical features and management of Rickets.

**SECTION - B**

**Q. 2** Short Answer questions (Attempt **ANY FOUR**) (4 x 5 = 20)

- a) Discuss clinical feature and management of acute exacerbations of bronchial asthma.
-  b) Clinical features and complications of mitral stenosis.
- c) Etiology, clinical features and management of pleural effusion.
- d) What are the complications seen in patients with hypertension? Discuss different pharmacological agents used for the treatment of hypertension.
- e) Discuss clinical features, investigations and management of pulmonary tuberculosis.

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BACHELOR OF PHYSIOTHERAPY  
Third Year : SUMMER : 2024  
SUBJECT: NEUROLOGY

Day : Saturday  
Date : 14/09/2024

S-25059-2024

Time : 10:00 AM-12:00 PM  
Max. Marks : 40

N.B.

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate **FULL** marks.
- 3) Draw neat diagram **WHEREVER** necessary.
- 4) Use a **COMMON** answer book for all section.

SECTION - A

Q.1 Short Answer questions (Attempt ANY FOUR) : (4x5=20)

- a) Define Stroke. Enumerate the different types of stroke
- b) Non-pharmacological management of Parkinson's Disease
- c) Describe clinical features of cervical myelopathy
- d) Describe clinical features of cerebellar stroke
- e) Describe functions of trigeminal nerve with help of appropriate diagram

SECTION - B

Q.2 Short Answer questions (Attempt ANY FOUR) : (4x5=20)

- a) Differential Diagnosis of Amyotrophic Lateral Sclerosis
- b) Signs and symptoms of Inflammatory Myopathy
- c) Enumerate neurological disorders related to nutrition
- d) Brain abscess
- e) Write about gross anatomy of brain

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**SUPPLEMENTARY**  
**BACHELOR OF PHYSIOTHERAPY**  
**Third Year : SUMMER : 2024**  
**SUBJECT: OBSTETRICS & GYNECOLOGY**

Day : Thursday  
Date : 07-11-2024

S-25062-2024

Time : 10:00 AM-12:00 PM  
Max. Marks : 40

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat diagrams **WHEREVER** necessary.
- 4) Answers to both the sections should be written in **SEPARATE** answer books.

**SECTION - A**

**Q. 1** Short Answer questions (Attempt **ANY FOUR**) (4 x 5 = 20)

- a) Write types and complications of Twins Pregnancy.
- b) Define Dysmenorrhoea. Enlist types and causes of dysmenorrhoea.
- c) Write short note on Partograph.
- d) Describe Physiology of menstruation.
- e) Describe degrees of uterine prolapse. Describe in brief etiology of uterovaginal prolapse.

**SECTION - B**

**Q. 2** Short Answer questions (Attempt **ANY FOUR**) (4 x 5 = 20)

- a) Give outline of Antepartum Exercises.
- b) Define Pre - Eclampsia. Write Investigations (maternal and fetal) done in Pre - Eclampsia.
- c) Write short note on Hormonal Contraception.
- d) Describe types of placenta previa and clinical presentation of placenta previa.
- e) Describe treatment of PCOS in Infertile patient.

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BACHELOR OF PHYSIOTHERAPY  
Third Year : SUMMER : 2024  
SUBJECT: OBSTETRICS & GYNECOLOGY

Day : Saturday  
Date : 21/09/2024

S-25062-2024

Time : 10:00 AM-12:00 PM  
Max. Marks : 40

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat diagrams **WHEREVER** necessary.
- 4) Answers to both the sections should be written in **SEPARATE** answer books.

SECTION - A

Q. 1 Short Answer questions (Attempt ANY FOUR) (4 x 5 = 20)

- a) Write cardiovascular changes in Pregnancy.
- b) Discuss Mechanism of Labour.
- c) Write short note on supports of Uterus.
- d) Define Antepartum Haemorrhage (APH). Write causes of APH.
- e) Discuss Post Natal exercises in brief.

*classification of uterine prolapse & its management*

SECTION - B

Q. 2 Short Answer questions (Attempt ANY FOUR) (4 x 5 = 20)

- a) Define Anemia in pregnancy. Write management of Iron deficiency anemia in 32 weeks pregnant women.
- b) Write short note on Intrauterine Device.
- c) Describe Physiological changes in Menopause.
- d) Write criteria to diagnose PCOS.
- e) Enlist complications of LSCS

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BACHELOR OF PHYSIOTHERAPY  
Third Year : SUMMER : 2024  
SUBJECT: PSYCHIATRY

Day : Monday  
Date : 23/09/2024

S-25063-2024

Time : 10:00 AM-12:00 PM  
Max. Marks : 40

N.B.

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate **FULL** marks.
- 3) Draw neat diagram **WHEREVER** necessary.
- 4) Both the sections should be written in **SEPARATE** answer book.

SECTION - A

Q.1 Short Essay Questions (Attempt **ANY FOUR**) :

(4x5=20)

- a) Describe the differences between Psychosis and Neurosis
- b) Write a short note on Bipolar Affective Disorder and its management
- c) Describe Post-Traumatic Stress Disorder in brief
- d) Write a short note on Hallucinations
- e) Write a short note on Delirium

SECTION - B

Q.2 Short Essay Questions (Attempt **ANY FOUR**) :

(4x5=20)

- a) Describe ADHD
- b) Write a short note on OCD and its management
- c) Describe Somatoform Disorder
- d) Write a short note on Substance Use
- e) Write a short note Depressive Disorder and its management

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Handwritten calculations and numbers:

141  
379  
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730  
432  
183  
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162  
268

386  
993  
162



**BACHELOR OF PHYSIOTHERAPY**  
**Third Year : SUMMER : 2024**  
**SUBJECT: COMMUNITY HEALTH & SOCIOLOGY**

Day : Friday  
Date : 20/09/2024

**S-25061-2024**

Time : 10:00 AM-01:00 PM  
Max. Marks : 80

**N.B.**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat diagrams **WHEREVER** necessary.
- 4) Answers to both the sections should be written in **SEPARATE** answer book.

**SECTION - A**  
**(COMMUNITY HEALTH)**

- Q.1** Short Answer Questions (Attempt any **FOUR**) (4X5 = 20)
- a) Discuss child guidance clinic.
  - b) Describe disaster cycle.
  - c) Discuss self-care in Diabetes
  - d) Define health and its determinants.
  - e) GATHER approach
- Q.2** Short Answer Questions (Attempt any **FOUR**) (4X5 = 20)
- a) Discuss levels of health care. Enumerate man power and services provided as sub-centre.
  - b) Discuss adolescent health problems.
  - c) Describe risk approach in antenatal care.
  - d) Describe sources and health hazards of hospital waste
  - e) Discuss pre-placement examination in occupational health.

**SECTION - B**  
**(SOCIOLOGY)**

- Q.3** Short Answer Questions (Attempt any **FOUR**) (4X5 = 20)
- a) Discuss social security schemes for elderly.
  - b) Describe various social problems in the society.
  - c) Discuss the role of medical social worker.
  - d) Nutritional Rehabilitation Centre
  - e) ASHA
- Q.4** Short Answer Questions (Attempt any **FOUR**) (4X5 = 20)
- a) Role of emotions in health and disease.
  - b) Describe voluntary health agencies in India.
  - c) Discuss Anthropology.
  - d) Describe social factors associated with drug abuse.
  - e) Functions of WHO.

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Supplementary Exam  
Third year  
2024-

SUPPLEMENTARY  
BACHELOR OF PHYSIOTHERAPY  
Third Year : SUMMER : 2024  
SUBJECT: COMMUNITY HEALTH & SOCIOLOGY

Day : Wednesday  
Date : 06-11-2024

S-25061-2024

Time : 10:00 AM-01:00 PM  
Max. Marks : 80

N.B.

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat diagrams **WHEREVER** necessary.
- 4) Answers to both the sections should be written in **SEPARATE** answer book.

SECTION - A  
(COMMUNITY HEALTH)

- Q.1 Short Answer Questions (Attempt any **FOUR**) (4X5 = 20)
- a) Discuss Rashtriya Bal Swasthya Karyakram .
  - b) Describe disaster cycle.
  - c) Discuss categories of biomedical waste and their methods of disposal.
  - d) Define health and its determinants.
  - e) Describe growth chart.
- Q.2 Short Answer Questions (Attempt any **FOUR**) (4X5 = 20)
- a) Discuss levels of health care. Enumerate man power and services provided as sub-centre.
  - b) Define infant mortality rate. Discuss factors affecting infant mortality rate in India.
  - c) Describe risk approach in antenatal care.
  - d) Enumerate the nutritional deficiency disorders of public health importance. Discuss one of them.
  - e) Discuss Pneumoconiosis and its preventive measures.

SECTION - B  
(SOCIOLOGY)

- Q.3 Short Answer Questions (Attempt any **FOUR**) (4X5 = 20)
- a) Discuss social security schemes for elderly.
  - b) Describe various social problems in the society.
  - c) Discuss the role of medical social worker.
  - d) Nutritional Rehabilitation Centre
  - e) ASHA.
- Q.4 Short Answer Questions (Attempt any **FOUR**) (4X5 = 20)
- a) Role of emotions in health and disease.
  - b) Functions of WHO.
  - c) Social media and health education.
  - d) Describe social factors associated with drug abuse.
  - e) Discuss barriers of communication while imparting health education to the community.

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BACHELOR OF PHYSIOTHERAPY  
Third Year : SUMMER : 2024  
SUBJECT: FUNCTIONAL DIAGNOSIS & PHYSIOTHERAPEUTIC SKILLS

Day : Tuesday  
Date : 24/09/2024

S-25064-2024

Time : 10:00 AM-01:00 PM  
Max. Marks : 80

N.B.

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate **FULL** marks.
- 3) Draw neat diagram **WHEREVER** necessary.
- 4) Both the sections should be written in **SEPARATE** answer book.

SECTION - A

Q.1 Short Answer questions (Attempt **ANY FOUR**) : (4x5=20)

- a) Describe five primitive reflexes
- b) Describe indication and contra-indications of joint mobilization
- c) Explain the types of electrodes used in diagnostic EMG testing
- d) Write a note on Borg's scale of Rate of Perceived Exertion with its indications
- e) Explain any three test for diagnosing Tennis Elbow

Q.2 Long Answer questions (Attempt **ANY TWO**) : (10x2=20)

- a) A 55 year old city transit system bus driver complaint of dyspnea increased over a period of time. He gives a history of weight gain, swelling of the nail beds and cyanosis of the extremities. He also has a history of smoking since last 20 years with an average of 20 cigarettes per week. Discuss in detail evaluation, functional diagnosis with clinical reasoning. (5+5)
- b) A 55 year old hypertensive suffering from stroke in right MCA territory, complaints of weakness of left side, reduced sensations and inability to take enough weight on left upper limb and lower limb. Voluntary control is - Hip 3, knee 3, Shoulder 2, Elbow 3, Wrist and Hand 0. Patient aims for driving his motorcycle again. Write detail evaluation, functional diagnosis with clinical reasoning. (5+5)
- c) A 39 year old truck driver by occupation sustained trauma & underwent below knee amputation of right side. He is married & having four children. Describe assessment & discuss impairments, activity limitations, participation restrictions & contextual factors with proper clinical reasoning. (5+5)

P.T.O.



## SECTION - B

Q.3 Short Answer questions (Attempt ANY FOUR) :

(4x5=20)

- Write Principles of PNF & basic process of PNF.
- Write down any three special tests for cervical spine.
- Methods for Graded Exercise Testing and criteria for termination of same
- Write importance of FEF 25/75 and FEV1 in PFT.
- Write down principles of Mulligan Concept with explanation. Mention its contraindications.

Q.4 Long Answer questions (Attempt ANY TWO) :

(10x2=20)

- A 32 yr old software engineer complaints of localised pain in lower cervical spine & difficulty in cervical range of motion in early morning since 1 month along with numbness in medial 2 fingers. He has difficulty while doing his job on the computer after 2 hours and is also unable to play tennis which, he likes as a recreational activity. Write in detail his functional diagnosis with clinical reasoning using ICF. (5+5)
- A 53 yr old female has undergone total knee replacement on right side one week back. She is known diabetic, hypertensive and obese. Her pain level is 7/10 on NRS and post-operative stiffness of right knee with ROM for right knee is 30-80 degrees & strength of extensors for right knee is 2 & flexors are 4. She has no other problems. She has to travel 15 kms daily for her job and stays on 3rd floor in an apartment with no lift facility. Give the functional evaluation with clinical reasoning according to ICF. (5+5)
- A 40 yr old male plumber, only earner in his family had traumatic fracture to lumbar spine due to which he sustained fracture of L1 vertebra was managed with Harringtons rod fixation as an surgical management. His assessment findings On ASIA scale graded as per classification grade B. Patient stays at ground floor and has Indian toilet facility at home. Give the functional evaluation and environmental modifications with clinical reasoning according to ICF. (5+5)

User - SHWETASOMGALE \*\*\*\*\*

Pass - @Password 2