



**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**  
(A DEEMED TO BE UNIVERSITY)

**Bachelor of Physiotherapy, Semester-VIII**  
**March 2023 Examination**

Time: 2.00 Hrs.

[Max. Marks: 40]

**Prosthetics and Orthotics**

**Q.P Code: B8250**

*Your answers should be specific to the questions asked.*

*Draw neat labelled diagrams wherever necessary.*

**LONG ESSAY**

**1 X 10 = 10 Marks**

1. Explain the indications for prescription of walking aids (4).  
Enumerate different gait patterns of using crutches with appropriate diagram. (6)

**SHORT ESSAY (Answer any 3)**

**5X 3 = 15 Marks**

2. Explain Prosthesis, Prosthetics & Prosthetist.
3. Discuss the mechanism to operate the Terminal device in trans humeral prosthesis.
4. Explain the 8 steps of wheelchair service delivery as per WHO guidelines.
5. Discuss the causes and level of below knee amputation with their prosthetic management.

**SHORT ANSWER (Answer any 5)**

**5 X 3 = 15 Marks**

6. Classify lower limb orthosis.
7. What are the different outcome measure scales use for persons with disabilities?
8. What is the function of castor wheels in a manual wheelchair?
9. What are the different types of cervical orthosis? List their indications.
10. List the goals and biomechanics of spinal orthosis.
11. explain Carpal Tunnel Syndrome? List the orthotic management for the same.

\* \* \*



**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**  
(A DEEMED TO BE UNIVERSITY)

**Bachelor of Physiotherapy (BPT) (Semester-VIII)**

March 2023 Examination

Time: 3.00 Hrs.

[Max. Marks: 80]

**SUBJECT: COMMUNITY MEDICINE**

**Q.P Code: B8240**

*Your answers should be specific to the questions asked.*

*Draw neat labelled diagrams wherever necessary.*

**LONG ESSAY (Answer any Two)**

**2 X 10 = 20 Marks**

1. List different theories of disease causation. Explain Epidemiological triad theory of causation in detail. (4+6)
2. What are the objectives of antenatal care? Explain about antenatal visits and its importance (4+6)
3. Classify occupational diseases. Add a note on ESI Act (6+4)

**SHORT ESSAY (Answer any SIX)**

**6X 5 = 30 Marks**

4. Enumerate Morbidity indicators and explain one indicator in detail.(2+3)
5. Describe the activities at Community Health Centre (CHC) level under the program for non-communicable diseases.
6. Briefly describe the levels of prevention and modes of intervention
7. Describe the levels of prevention for Mental illness
8. What are the criteria for the disease to be screened?
9. Define hospital acquired infections and describe its epidemiology
10. Enumerate the risk factors and complications of Hypertension.
11. Describe the nutritional problems in public health

**SHORT ANSWER (Answer any TEN)**

**10 X 3 = 30 Marks**

12. Define infant mortality rate.
13. List the achievements of Universal Immunization Program.
14. What is Metabolic syndrome?
15. List 3 contraindications of Oral Contraceptives.
16. List the services provided at a Tertiary health centre
17. What are social security measures of the elderly?
18. Define health as per WHO
19. What is the concept of "lead time"?
20. What is validity of a screening test?
21. What is a cross-sectional study?
22. What is rehabilitation
23. What is a reservoir in the chain of infection? Give example

\* \* \*



Time: 3.00 Hrs.

[Max. Marks: 100]

**Community & Geriatric Physiotherapy**

**Q.P Code: B8230**

*Your answers should be specific to the questions asked.*

*Draw neat labelled diagrams wherever necessary.*

**LONG ESSAY(Answer any Two)**

**2 X 10 = 20 Marks**

1. Define rehabilitation. Explain in detail about the rehabilitation program for stroke people in the community.
2. Explain in detail about occupational hazards. Illustrate ergonomics plan for a 40 year old computer worker.
3. Describe the guidelines for evaluation of permanent physical impairment causing disability in Lower limb with example

**SHORT ESSAY(Answer any Ten)**

**10X 5 = 50 Marks**

4. Explain WHO matrix of CBR
5. Explain the types of community
6. Explain arthritis rehabilitation.
7. Define bio-psychosocial model of disability
8. Explain the causes, characters and consequences of life style disorders.
9. Define social work and its history.
10. Explain role of anganwadi workers.
11. Explain modification of architectural barriers.
12. Enumerate uses of assistive devices
13. Explain Amielison method
14. Explain the role of Occupation therapy in Polio
15. Describe ergonomics at work place

**SHORT ANSWER(Answer any Ten)**

**10 X 3 = 30 Marks**

16. Explain development observation card(DOC) grading
17. List the characteristics of moderate risk babies
18. Describe physical stressors
19. Define vocational rehabilitation
20. List Dysphagia management
21. Indications of cardiac rehabilitation
22. List 3 geriatric screening tools
23. List 3 ADL and 3 IADL activities
24. Describe social casework and its components
25. Describe multiple disabilities
26. Describe non discrimination
27. What is qualitative research?

\* \* \*