

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

**Bachelor of Physiotherapy, Semester-VIII**

**September 2021 Examination.**

Time: 2.30 Hrs.

[Max. Marks: 80]

**COMMUNITY MEDICINE**

**Q.P Code: PT122**

*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 family planning. What are the objectives of family planning? Classify family planning methods. (3+3+4)
2. Define maternal mortality rate (MMR)? Explain the causes and measures for reduction of maternal mortality in India?(3+7)
3. Explain occupational hazards. List out the types of Occupational diseases(5+5)

**SHORT ESSAY (Answer any SIX)**

**6X 5 = 30 Marks**

4. What are the dimensions of health? Briefly describe them.(2+3)
5. What is screening for diseases and what are the uses of screening?(2.5+2.5)
6. Enumerate the steps in conducting a randomised control trial with help of a flowchart
7. List the aims and objectives of Universal Immunization Program
8. Classify and describe types of Pulmonary Tuberculosis based on history of previous treatment(2+3)
9. Describe the causes of mental ill health.
10. Define Disaster. Explain the Disaster cycle.(2+3)
11. What is the germ theory of disease explain its limitations

**SHORT ANSWER (Answer any TEN)**

**10 X 3 = 30 Marks**

12. What is rehabilitation
13. Mention the determinants of health.
14. List the Basic measurements in epidemiology.
15. What is multi-phasic screening?
16. List 3 uses of health indicators.
17. What is the main difference between primordial and primary prevention
18. What is Metabolic syndrome?
19. What is a cross-sectional study?
20. What is the epidemiological triangle model in disease causation?
21. List the barriers of Communication.
22. List the services provided at a Primary health centre
23. What is Leprosy elimination campaign?

\* \* \*



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

**Bachelor of Physiotherapy, Semester-VIII**

September 2021 Examination.

Time: 3.00 Hrs.

[Max. Marks: 100]

**Community & Geriatric Physiotherapy**

Q.P Code: PT123

*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. Describe the rehabilitation management of 14 years old myopathy patient
2. Explain qualitative and quantitative research.
3. Explain the physiological changes specific to aging, with an emphasis on musculoskeletal, neurological, sensory system and cognitive aspect.

**SHORT ESSAY (Answer any Ten)**

**10X 5 = 50 Marks**

4. Describe occupational hazards
5. Explain levels of vocational assessment .
6. Explain the neurological assessment in screening of high risk babies.
7. Enumerate home exercise program and general instruction given for patients in cardiac rehabilitation program.
8. Describe principles of resistance exercise training.
9. Describe Rehabilitation program for dysphagia.
10. Illustrate vocational rehabilitation hierarchy with flow chart
11. Describe early intervention program.
12. Explain target areas of disability screening.
13. Enumerate the roles of voluntary health agencies in CBR
14. Describe levels of prevention.
15. Explain community participation

**SHORT ANSWER (Answer any Ten)**

**10 X 3 = 30 Marks**

16. List the characteristics of high risk babies
17. List the ergonomic factors
18. List the role of Occupational therapy in fatigue management
19. Describe syndromes associated with rheumatoid arthritis
20. Name 3 District disability rehabilitation center in India
21. List 3 common musculoskeletal changes in aging
22. Explain community door
23. Enumerate the changes in Indian rural life
24. List advantages of CBR
25. List the levels of health care
26. Describe Disability action group(WHO)
27. Define disability with example

\* \* \*





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

**Bachelor of Physiotherapy, Semester-VIII**  
**September 2021 Examination.**

Time: 2.00 Hrs.

[Max. Marks: 40]

**Prosthetics and Orthotics**

**Q.P Code: PT124**

*Your answers should be specific to the questions asked.  
Draw neat labelled diagrams wherever necessary.*

**LONG ESSAY**

1 X 10 = 10 Marks

1. Enumerate different types of walking aids. Describe the prescription process of walking aids. List out the indications and contraindications.

**SHORT ESSAY (Answer any 3)**

5X 3 = 15 Marks

2. Define prosthesis. Enumerate the types of prosthesis with diagrams. Describe any one upper limb prosthesis with neat sketch.
3. Differentiate between Exoskeletal & Endoskeleton Prosthesis.
4. Describe Elbow orthosis- indication, contraindication, function
5. Explain the 8 steps of wheelchair service delivery in detail as per WHO guidelines.

**SHORT ANSWER (Answer any 5)**

5 X 3 = 15 Marks

6. Mention the indications for Thoraco-Lumbo-Sacral Orthosis.
7. What is AFO? Mention its indications.
8. Write the indication, purpose and positioning of knuckle bended splint.
9. What is the indication for Arm sling?
10. What is the orthotic intervention for wrist drop?
11. List the types of Spinal Orthosis

\* \* \*

