



**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**

**(A DEEMED TO BE UNIVERSITY)**

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

**September 2024 Examination**

**Time: 3.00 Hrs.**

**[Max. Marks: 100]**

**SUBJECT: 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. Discuss industrial hazards and various agents causing industrial accidents.
2. Explain the causes, characters and consequences of life style disorders
3. Describe the guidelines for evaluation of permanent physical impairment causing disability in CVA and CP

**SHORT ESSAY (Answer any Ten)**

**10X 5 = 50 Marks**

4. What is self help group and write the functions of self help group.
5. Explain multiplicity in community
6. Explain institutional based rehabilitation and enumerate its functions
7. Define ICF and its components.
8. List out the difference between medical and social model of disability
9. Enumerate 5 Difference between qualitative and quantitative data
10. Define social work and its history.
11. Explain decentralization.
12. Enumerate the role of primary health center
13. GMFCS.
14. Describe the functions, barriers, types and components of extension services in health care.
15. Describe ergonomic posture correction.

**SHORT ANSWER (Answer any Ten)**

**10 X 3 = 30 Marks**

16. Describe invisible disabilities
17. Illustrate permanent physical impairment percentage(%) for GMFCS level I, II with description of mobility status
18. Write combining formula for disability evaluation
19. Define rehabilitation.
20. List 3 causes of incontinence in elderly population
21. List 3 function of Indian red cross
22. Explain arm function screening method
23. Describe cognitive assistive devices
24. What is half way homes.
25. Characteristics of mild risk babies
26. Define ergonomics.
27. Enumerate mechanical hazards in occupation.



**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. Define screening. Mention the criteria for a disease to be screened and for a test to be accepted as a screening test
2. What is diabetes mellitus? Describe epidemiology and screening. Add a note on prevention strategy for the same. (1+4+5)
3. List all the levels of prevention and modes of intervention. Explain the levels of prevention in the prevention with an example

**SHORT ESSAY (Answer any SIX)**

**6X 5 = 30 Marks**

4. Explain the concept of well-being.
5. Enumerate the responsibility of health.
6. Explain the community nutritional programs.
7. Explain analytical epidemiology?
8. List the objectives and strategies of National Leprosy Eradication Programme(NLEP) phase 2.
9. Describe the prevention strategy for CHD.
10. Explain the referral system of National leprosy eradication programe.
11. What are the criteria for an investigation to be accepted as a screening test?

**SHORT ANSWER (Answer any TEN)**

**10 X 3 = 30 Marks**

12. What are the objectives of national family planning program?
13. What is the source of air pollution?
14. Mention two uses of growth chart?
15. What is Health adjusted life expectancy.
16. What are the types of mental illness?
17. What is indirect mode of transmission of disease?
18. Define endemic?
19. Illustrate the diagram of disaster cycle?
20. What is attributable risk?
21. What are the uses of descriptive epidemiology?
22. What are the types of communication?
23. Determinants of Health?



**Time: 2:00 Hrs.**

**[Max. Marks: 40]**

**SUBJECT: 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. What considerations should be made under lifestyle and environment for appropriate wheelchair prescription? Enumerate and explain the types of wheelchairs. Add a note on parts of a manual wheelchair.

**Short Essays [Answer any 3]**

**3 X 5 = 15 Marks**

2. Differentiate between Exoskeletal & Endoskeleton Prosthesis.
3. Describe Congenital Talipes Equinovarus (CTEV)? Write the orthotic management for CTEV.
4. Describe the body measurements required for prescription of a manual wheelchair.
5. Discuss the different clinical conditions in which lower limb orthosis can be prescribed? Mention the function of lower limb orthosis.

**Short Essays [Answer any 3]**

**3 X 5 = 15 Marks**

6. Define Prosthetists.
7. What is wrist drop deformity? Mention the appropriate orthotic management for wrist drop deformity.
8. Differentiate between lumbosacral and thoracolumbosacral orthosis? Mention the name of the lumbosacral and thoracolumbosacral orthosis.
9. What is a tenodesis splint? Write its indications.
10. What are the different types of scoliosis? Mention the different types of classification systems.
11. Define prosthetics.