



SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

Bachelor of Physiotherapy (BPT) (Semester-VIII)

November 2025 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. Define community and explain community based approach. Describe community entry strategies
2. Define social worker. Describe history of social worker, methods and area of social work.
3. Describe the guidelines for evaluation of permanent physical impairment causing disability in lower extremity with examples

SHORT ESSAY (Answer any Ten)

10 X 5 = 50 Marks

4. Explain the importance of community participation and sustainability of CBR programe.
5. Enumerate the role of counselor and skilled trainer in vocational rehabilitation
6. Describe the functions, barriers, types and components of extension services in health care.
7. Arthritis- rehabilitation managment.
8. Explain any 2 screening tool for developmental delay.
9. Explain the role of physiotherapy in life style disorders.
10. Explain training of Community Based Rehabilitation personals in prescribing assistive devices.
11. What are the government schemes for person with disability?
12. Enumerate the role of vocational counsellor in disability.
13. Explain function of community rehabilitation workers
14. Enumerate the role of WHO in CBR
15. Describe levels of prevention.

SHORT ANSWER (Answer any Ten)

10 X 3 = 30 Marks

16. Name the stakeholders of community based rehabilitation.
17. Enumerate psychosocial hazards in occupation
18. List the domains of development
19. Early mobilization in stroke rehabilitation
20. List out the lifestyle disorders.
21. List 3 objectives of WHO on disability
22. Enumerate the importance of screening in infants?
23. Enumerate specified disabilities under rights of persons with disability act 2016.
24. What is quantitative research?
25. What is mobile rehabilitation unit?
26. List the hand components of upper extremity evaluation guidelines
27. Enumerate types of disability



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Bachelor of Physiotherapy (BPT) (Semester-VIII)

November 2025 Examination

Time: 2hrs 30 mins.

[Max. Marks: 80]

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 Health. Describe the dimensions and determinants of health. (2+4+4)
2. Define family planning. What are the objectives of family planning? Classify family planning methods (3+3+4)
3. Define Health Education. List the principles of health education and describe various approaches to health education (2+3+5)

SHORT ESSAY (Answer any SIX)

6X 5 = 30 Marks

4. Explain the uses and types of screening
5. Discuss the epidemiological determinants of ARI and write a note on its prevention
6. Describe the prevention of alcoholism and drug dependence
7. Enumerate the vaccines under National Immunization schedule vaccination
8. Describe the objectives and strategies of National Program for Prevention and Control of Cancer, Diabetes, CVD and Stroke (NPCDCS).
9. Describe the epidemiology of Diabetes Mellitus
10. What is infant mortality rate (IMR)? List out the causes of IMR.
11. Define hospital acquired infections and describe its epidemiology.

SHORT ANSWER (Answer any Ten)

10 X 3 = 30 Marks

12. Illustrate the non-communicable disease model with a diagram.
13. What is Leprosy elimination campaign?
14. List the characteristics of health indicators
15. List 3 diseases caused by air pollution and water pollution(1.5+1.5)
16. Enumerate 3 causes of Mental illness
17. What are the aims of screening for a disease?
18. Define peri-natal mortality rate
19. Describe primary prevention with example
20. What is a reservoir in the chain of infection? Give example
21. List 3 the barriers of Communication.
22. What is sensitivity and specificity of a screening test?
23. Describe 'Iceberg phenomenon of disease'.

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Bachelor of Physiotherapy, Semester-VIII

November 2025 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 types of wheelchair and enumerate the parts of a manual wheelchair. (3+2). Add a note on assessment and prescription criteria for selection of manual wheelchair for person with paraplegia. (5)

SHORT ESSAY (Answer any 3)

3X 5 = 15 Marks

2. What are the principles for upper extremity splinting? List the orthotic management for Swan neck deformity.
3. Write the level of lower limb amputation with their prosthetic management.
4. Discuss the mechanism to operate the Terminal device in trans-radial prosthesis.
5. Differentiate between resting hand splint and functional hand splint.

SHORT ANSWER (Answer any 5)

5 X 3 = 15 Marks

6. What do you mean by body-powered prosthesis?
7. Enumerate the role of the Physiotherapist in gait training for Right Transtibial prosthetic user.
8. Explain role of orthotists in the upper extremity rehabilitation.
9. Explain Ankle foot orthosis? Mention its indications & functions.
10. Mr. Shyam is 30 years old; his right lower limb is weak & paralyzed and not able to walk. List the objective of orthotic management.
11. List the categories of gait training?

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Bachelor of Physiotherapy (BPT) (Semester-VIII)

November 2025 Examination

Time: 2hrs 30 mins

[Max. Marks: 80]

SUBJECT: COMMUNITY & GERIATRIC PHYSIOTHERAPY

Q.P Code: B8480

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Define social worker. Describe history of social worker, methods and area of social work.
2. Describe the guidelines for evaluation of permanent physical impairment causing disability in lower extremity with examples

SHORT ESSAY

6X 5 = 30 Marks

3. Describe the functions, barriers, types and components of extension services in health care.
4. Explain role of Anganwadi workers.
5. Explain any 2 screening tool for developmental delay.
6. Explain the role of physiotherapy in life style disorders.
7. Enumerate the role of vocational counsellor in disability.
8. Describe the strategies to improve ADL activities.

SHORT ANSWER

10 X 3 = 30 Marks

9. Name the stakeholders of community based rehabilitation.
10. Enumerate psychosocial hazards in occupation
11. Early mobilization in stroke rehabilitation
12. List out the lifestyle disorders.
13. List 3 objectives of WHO on disability
14. Enumerate the importance of screening in infants?
15. Enumerate specified disabilities under rights of persons with disability act 2016.
16. What is quantitative research?
17. What is mobile rehabilitation unit?
18. What is community participation?

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**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
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Bachelor of Physiotherapy (BPT) (Semester-VIII)

January 2026 Examination

Time: 2.30 Hrs.

[Max. Marks: 80]

SUBJECT: COMMUNITY MEDICINE

Q.P Code: B8490

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Describe the principles of health education. What are the various methods of health communication?(4+6)
2. Explain occupational hazards. List out the types of Occupational diseases(5+5)

SHORT ESSAY

6X 5 = 30 Marks

3. Describe the prevention of alcoholism and drug dependence
4. List the objectives and strategies of the National Leprosy Eradication Programme (NLEP) phase 1.
5. Describe the objectives and strategies of the National Program for Prevention and Control of Cancer, Diabetes, CVD, and Stroke (NPCDCS).
6. What are the criteria for the disease to be screened?
7. Define hospital-acquired infections and describe their epidemiology
8. What are the aims and objectives of under-five clinics?

SHORT ANSWER

10 X 3 = 30 Marks

9. Draw a neat, labeled diagram of the Disaster Cycle.
10. Mention the determinants of health.
11. List the Basic measurements in epidemiology.
12. Write the difference between diagnosis and screening.
13. List 3 uses of health indicators.
14. What is the main difference between primordial and primary prevention
15. What is rehabilitation?
16. What is a cross-sectional study?
17. What is the epidemiological triangle model in disease causation?
18. List the barriers of Communication.

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Bachelor of Physiotherapy (BPT) (Semester-VIII)

November 2025 Examination

Time: 2.30 Hrs.

[Max. Marks: 80]

SUBJECT: COMMUNITY MEDICINE

Q.P Code: B8490

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Enumerate the objectives of the National Program for Prevention and Control of Diabetes, cardiovascular diseases, cancer and stroke (NPCDCS). Describe the activities under NPCDCS. (7+3)
2. Explain occupational hazards. List out the types of Occupational diseases (5+5)

SHORT ESSAY

6X5 = 30 Marks

3. Explain the advantages and disadvantages of a case-control study.
4. Describe the epidemiology and prevention of nutritional anaemia. (2+3)
5. Classify and describe types of Pulmonary Tuberculosis based on history of previous treatment (2+3)
6. Write in detail about the colour coding and disposal of biomedical waste.
7. Define Disaster. Explain the Disaster Cycle. (2+3)
8. What is the germ theory of disease? Explain its limitations.

SHORT ANSWER

10 X 3 = 30 Marks

9. What is rehabilitation?
10. Define health.
11. List the Basic measurements in epidemiology.
12. What is multi-phasic screening?
13. List 3 uses of health indicators.
14. What is the main difference between primordial and primary prevention?
15. List the causes of blindness in India.
16. Draw a neat, labelled diagram of the Disaster Cycle
17. What is the epidemiological triangle model in disease causation?
18. What is active and passive immunization?

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**Bachelor of Physiotherapy (BPT) (Semester-VIII)
November 2025 Examination**

Time: 2.00 Hrs.

[Max. Marks: 40]

Prosthetics and Orthotics

Q.P Code: B8500

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

Long Essay (10 Marks)

1x10=10Marks

1. Explain the sequence of operation for trans-tibial prosthesis.

Short Essays (5 Marks each)

3x5=15Marks

2. Define prosthesis. Enumerate the classification of upper limb prosthesis. Describe any one upper limb prosthesis with a neat sketch.
3. Explain different types of walking aids with neat sketch.
4. Explain the 8 steps of wheelchair service delivery as per WHO guidelines.

Short Answers (3 Marks each)

5x3=15Marks

5. What is congenital dislocation of the hip (CDH)? Mention the causes and orthotic management in case of CDH.
6. Describe myoelectric prosthesis?
7. Mention the biomechanics of the lumbosacral corset.
8. What is an appropriate wheelchair? List down the types of wheelchairs.
9. Describe the management of Orthotic management of scoliosis.

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