

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

Bachelor of Physiotherapy (Semester-VII)

March 2022 Examination.

Time: 2.30.Hrs.

[Max. Marks: 80]

Clinical Neurology and Neuro surgery

Q.P Code: B7200

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

Long essay (any 2)

2x10=20marks

1. List the causes of stroke. Compare ischemic & haemorrhagic stroke. (2+8)
2. Discuss etiology, clinical features, prognosis and treatment of multiple sclerosis of multiple sclerosis. (2+3+2+3)
3. Discuss the clinical features and management of cerebellar lesion. [5+5]

Short essay (any 6)

6x5 = 30 marks

4. Discuss venous infarcts.
5. Discuss clinical features of head injury patient.
6. Discuss the clinical manifestations, investigations and treatment of sub arachnoid haemorrhage (2+1+2)
7. Explain the clinical features, investigations and treatment of Bell's palsy (2+1+2)
8. Discuss the causes, clinical features and management of Guillain-Barre syndrome. (1+2+2)
9. Describe the diagnosis and management of acute migraine
10. Explain Brown-Sequard syndrome?
11. Describe the clinical features and diagnosis of diabetic neuropathy.

Short answer (any 10)

10x3 =30 marks

12. Name 3 common causes of seizures in elderly individuals
13. Mention 3 causes of ptosis
14. Mention 3 symptoms of radial nerve palsy
15. What is dysphasia?
16. Describe Chorea
17. List 3 common causes of seizures in elderly individuals
18. Mention 3 causes of ptosis
19. Mention 3 causes of papilledema
20. Mention 3 complications of lumbar puncture
21. list three causes of Bell's palsy
22. List the risk factors of stroke.
23. List 3 complications of head injury.

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**Bachelor of Physiotherapy,
Semester-VII March 2022 Examination.**

Time:3.00 Hrs.

[Max. Marks:100]

**Physiotherapy in Neurological Conditions
Q.P Code: B7210**

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 in detail the evaluation, Physiotherapy Management and Home Exercise Program for a retired 65 years old male with parkinson's disease?
2. Explain Synergy Pattern? Describe the physiotherapy management of patient with middle Cerebral Artery syndrome in sub acute stage. (4+6)
3. Describe the Physiotherapy assessment and management of GuillianBarre Syndrome in acute& recovery stage. (4+6)

SHORT ESSAY(Answer any Ten)

10X 5 = 50 Marks

4. Describe the physiotherapy Goals & management for early developmental stages in Muscular dystrophy. (2+3)
5. Enumerate the associated reactions in stroke, how will you manage it.(2+3)
6. Describe the assessment of muscle tone.
7. List the goals & physiotherapy management of Spinal cord injury level at T10.(2+3)
8. Explain the stages & relevant physiotherapy management of Shoulder hand syndrome in stroke.(2+3)
9. Describe the inhibitory techniques.
10. Describe the indications and therapeutic effects of hydrotherapy in neurological impaired patients (2+3).
11. Explain PNF technique to improve lower limb motor dysfunction.
12. List the deviations of Circumductory gait
13. List the problems to be addressed by physiotherapy for ALS & describe the relevant physiotherapy intervention for the same.(2+3)
14. Explain Muscle re-education approach with example.
15. Describe dynamic Balance examination for a subject with neurological dysfunction

SHORT ANSWER (Answer any Ten)

10 X 3 = 30 Marks

16. Explain Glasgow coma scale
17. Explain gower's sign
18. Explain modified ashworth scale
19. Explain pusher's syndrome
20. List any 3 indications for prosthetics.
21. List the symptoms of Femoral nerve's palsy
22. Explain Biofeedback in rehabilitation with suitable example.
23. Explain associated reactions
24. Explain hold relax & contract relax (1.5+1.5)
25. Explain principle & stages of MRP. (1.5+1.5)
26. Explain Positive Babinski sign and its significance
27. explain& interpret rombergs test. (1+2)



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Bachelor of Physiotherapy (Semester-VII)

March 2022 Examination.

Time: 2.30 Hrs.

[Max. Marks: 50]

Physiotherapy in women's Health & Pediatrics

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

(Use separate answer booklet for Section A & B)

Section – A

Physiotherapy in Women's Health (25 Marks)

QP code: B7225

LONG ESSAY (Answer All)

1 X 10 = 10 Marks

1. Describe the goal of Physiotherapy management and exercise prescription for post -natal mother.

SHORT ESSAY (Answer all)

1 x 5 = 5 Marks

2. Discuss the method and uses of electrical stimulation in treatment of urinary incontinence.

SHORT NOTES (Answer all)

5 x 2 = 10 marks

3. Explain bladder discipline
4. List the contraindications to antenatal exercises.
5. What is the importance of 't' score
6. List the physiological response of faradic current in lymph edema.
7. Define counter bracing.

Section B

Physiotherapy in Pediatrics (25 Marks)

Q.P. Code: B7226

(Use separate answer booklet for Section B)

LONG ESSAY (Answer All)

1 X 10 = 10 Marks

1. Explain in detail about NDT intervention treatment principles in order with relevant example.

SHORT ESSAY (Answer all)

1 x 5 = 5 Marks

2. Write a short essay on developmental mile stones for infant age 1-2 years

SHORT NOTES (Answer all)

5 x 2 = 10 marks

3. Define downs syndrome
4. Describe the spasticity
5. Parachute reflex
6. Therapeutic uses of Vojta therapy
7. Indications for CIMT

