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

O.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)

 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.

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.

Acc. No....Aunt Resource Centre #

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

Bachelor of Physiotherapy,

Semester-VII March 2022 Examination.

Time: 3.00 Hrs.

[Max. Marks:100]

Physiotherapy in Neurological Condions O.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

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

SHORT ESSAY (Answer any Ten)

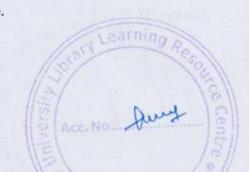
10X 5 = 50 Marks

- 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)
- Explain the stages & relevant physiotherapy management of Shoulder hand syndrome in stroke.(2+3)
- 9. Describe the inhibitory techniques.
- 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
- 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)



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

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)

OP code: B7225

LONG ESSAY (Answer All)

1 X 10 = 10 Marks

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

SHORT ESSAY (Answer all)

 $1 \times 5 = 5 \text{ Marks}$

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

SHORT NOTES (Answer all)

 $5 \times 2 = 10 \text{ marks}$

- 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)

 $1 \times 10 = 10 \text{ Marks}$

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

SHORT ESSAY (Answer all)

 $1 \times 5 = 5 \text{ Marks}$

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

SHORT NOTES (Answer all)

 $5 \times 2 = 10 \text{ marks}$

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

