(Pages : 2) SC—1334

FINAL YEAR B.Sc. (PHYSIOTHERAPY) DEGREE EXAMINATION, 2001

PHYSIOTHERAPY IN ORTHOPAEDICS

Three Hours Maximum : 100 Marks

Your answer shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

I. Long Essays : (Answer any *four*)

1 What is dislocation ? Write down signs and symptoms of anterior dislocation of shoulder. Give PT management following reduction.

(2 + 2 + 2 + 4 = 10 marks)

2 A 32-year old coolie comes to you with history of a prolapse of disc at $L_4 - L_5$ level 3 weeks ago. Give PT management for the same.

3 Discuss the qualities of an ideal stump. Give management and training of below knee amputation.

(4 + 6 = 10 marks)

4 Explain PT management of Shoulder-Hand Syndrome.

5 (a) What is torticollis ?

(b) Write various classification and features of torticollis.

(c) How will you manage a muscular origin torticollis ?

(d) Give management of wryneck.

(2 + 2 + 3 + 3 = 10 marks)

[4 × 10 = 40 marks]

II. Short Essays : (Answer any *eight*)

6 Write management (PT) of OA knee.

7 Describe slump neural mobilisation.

8 Give PT management of Kyphosis.

9 Write the method of taping for tennis elbow.

10 Describe the technique of (mobilisation) PA central lumbar vertebra.

11 Write in detail management of Volkmann's Ischemic contracture.

12 What is compartmental syndrome ? Explain PT management.

13 What is apophyseal joint pain ? Give PT management for the same.

14 Explain the difference between strain and stress.

15 Define Galeazzi fracture. Give PT management for it.

(8 × 5 = 40 marks)

Turn over

III. Short Answers :

16 Give *four* contraindications of manipulation therapy.

17 What is tarsel tunnel syndrome ?

18 What is osteomyelitis ?

19 Use of scoliometer.

20 What is physiologic valgus ?

21 Define Delayed union.

22 What is osteotomy ?

23 Give *two* methods of strengthening of vastus medialis.

24 Give clinical features of CDH.

25 Explain Codman's exercise.

(10 × 2 = 2

(71)

SC—13

FINAL YEAR B.Sc. (PHYSIOTHERAPY) DEGREE EXAMINATION, 2001

PHYSIOTHERAPY IN GENERAL MEDICINE AND THORACIC CONDITIONS

Time : Three Hours Maximum : 100 Ma

Your answer shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

I. Long Essays : (Attempt any *four*)

1 List the PT assessment plan for a case of peripheral vascular disease. How will you manag case of venous ulcer on the right sole of the foot ?

2 Write out the respiratory assessment under subjective and objective headings in a case bronchiectasis.

3 Outline the stages of inflammation. Describe PT management for acute inflammation.

4 Define M.I. Plan a cardiac rehabilitation program of Phase I and II for a case of MI.

5 Define Rheumatoid arthritis. Describe the role of electro-therapy and mobilisation in a case acute RA.

(10 × 2 =

(4 × 10 = 40 mar

II. Short Essays :

6 Give use of contrast bath in PVD.

7 Describe Buergers exercises.

8 Give *five* contra-indicate of postural drainage.

9 What is nebulisation ? Give its importance in chest physiotherapy.

10 What is alopecia ? Give PT management for the same.

11 Give PT management for fibrositis.

12 Give *five* uses of breathing exercise.

13 Describe *two* methods of PNF in respiration.

14 How can you prevent DVT ? Give the PT role for prevention.

15 Give PT management for a case of emyema.

(8 × 5 = 40 mark

III. Short Answers :

16 Define Thrombophlebitis.

17 Give importance of recreational activities in a case with psychiatric problem.

18 Give *four* exercises for PA shoulder.

19 How do active exercise help in PVD ?

20 Give *three* features of Vitamin C deficiency.

21 Give *two* exercises to improve inspiratory capacity.

22 Give *two* spinal exercise for ankylyosing spondylitis.

23 Define Atelectasis and pneumothorax.

24 *Two* aims of pulmonary rehab.

25 *Two* Common deformities in Ricketts.

(10 × 2 = 20 marks

(72)

(Pages 2)

SC – 1336

NAL YEAR B.Sc. (PHYSIOTHERAPY) DEGREE EXAMINATION, 2001

PHYSIOTHERAPY IN GENERAL SURGERY including CARDIOTHORACIC CONDITIONS

Time : 3 Hours

Maximum : 100 Marks

Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

I. Long Essays : (Answer any *four*)

1 Discuss in detail the Antenatal and Post-natal training.

2 Discuss P.T. management in Post-operative complications.

3 Discuss post of management in a 50 year old male patient with vehicular accident who underwent exploratory laprotomy for suspected tear in the liver.

4 Discuss role of Physiotherapist in a 60 years old male who has undergone surgery for Burger's disease.

5 Discuss role of P.T. management in a non-healing ulcer in a diabetic female.

(4 × 10 = 40 marks)

II. Short Essays : (Answer any *eight*)

6 Discuss the principles of Tendon transfer.

7 Discuss the P.T. management in burns around the axilla.

8 Discuss role of Physiotherapy in a case of prolapse uterus.

9 Discuss pre-operative assessment in a leprosy patient with bilateral total claw hands.

10 Discuss different types of incisions on thoracic wall. Write in short about the management of scar.

11 Describe different types of tightnesses in a lower extremity polio case.

12 Discuss P.T. management in a case of (R+) sided Empyema.

13 Discuss the principles of P.T. management in an operated Myocardial Infarction patient.

14 Discuss management in short in a case of inflammed sinuses.

15 Discuss immediate post-operative P.T. management in a case of 20 years old female suffering from Mitral Stenosis.

(8 × 5 = 40 marks)

III. Short Answers :

16 What is Radical Mastectomy ?

17 Write P.T. management in Inhalation burns.

Turn over

61

73

18 Enumerate contraindications for cardiac and thoracic surgery.

19 Enumerate the respiratory muscles.

20 Define Pulmonary Rehabilitation.

21 Enumerate preventive measures for a bedsore.

22 What is Rhinorrhoea ?

23 State the abnormalities in a case of Tetrology of Fallot.

24 Enumerate complications of pregnancy.

25 State the causes of Pneumothorax.

(10 × 2 =

(74)

22

(2 pages)

SC—1337

FINAL YEAR B.Sc. (PHYSIOTHERAPY) DEGREE EXAMINATION, 2001

PHYSIOTHERAPY IN NEUROLOGY AND NEUROSURGERY

Time : Three Hours

Maximum : 100 Marks

Your answers shall be specific to the question asked.
Draw neat labelled diagrams wherever necessary.

I. Long Essays : (Answer any *four)*

(10 × 2 =

1 Discuss principles of assessment of a stroke patient.

2 Discuss the importance of early detection of brain damaged child.

3 Describe clinical features in a patient with cerebellar ataxia and discuss physiotherapy management of the same.

4 Describe the management of Duchene's muscular dystrophy.

5 Describe the principles of management of post polio residual paralysis.

(4 × 10 = 40 marks)

II. Short Essays : (Answer any *eight)*

6 Describe principles of neuro developmental approaches.

7 Describe various reflexes at brain stem level.

8 Assess a patient with carpal tunnel syndrome.

9 Describe various electro diagnostic procedures.

10 Discuss management of ulnar nerve palsy at elbow.

11 Transverse myelitis Physiotherapy management in chronic stage.

12 Physiotherapy management of spastic foot.

13 Physiotherapy management of Parkinsonian syndrome.

14 Physiotheray management of Klumpke's palsy.

15 Physiotherapy management of spasticity.

(8 × 5 = 40 marks)

III. Short Answers :

16 List signs of upper motor neuron lesion. Any *four.*

17 Describe trick movements for radial nerve palsy. Any *two.*

18 Define neuropraxia and neurotomosis.

Turn over

19 What is intrinsic minus hand ?

20 Define Bio feed back.

21 Define Apraxia.

22 Describe *two* exercise for training dynamic sitting balance.

23 Describe *two* exercises to improve hand function in an infantile hemiplegic patient.

24 What is the myotome for ankle jerk ? Describe how you will elicit an ankle jerk ?

25 Describe Gower's sign.

(10 × 2 = 20 ma

(Pages 2)

SC—1338

FINAL YEAR B.Sc. (PHYSIOTHERAPY) DEGREE EXAMINATION, 2001

COMMUNITY BASED REHABILITATION

Time : 3 Hours

Maximum : 80 Marks

Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

I. Long Essays : (Answer any *two*)

1 Evaluation tools to identify disabilities.

2 Community Awareness Programmes.

3 Objectives of Vocational Evaluation.

(2 × 10 = 20 marks)

II. Short Essays : (Answer any *eight*)

4 What are the objectives of Physiotherapeutic Evaluation in a community ?

5 How would you conduct a disability survey in a village having a large percentage of the population in the Geriatric age group ?

6 How is Community Based Rehabilitation different from Institution Based Rehabilitation ?

7 How would you set goals and priorities for the disabled, after a disability survey ?

8 How would you screen mentally retarded children in a village ?

9 Discuss the utility of National District Level Rehabilitation Programme.

10 How would you analyse the outcome of a disability survey ?

11 How are goals and outcomes determined in Vocational Rehabilitation ?

12 Do all patients have to see a social worker, why ?

13 How is handicap defined in the relationship of the person to society ?

(8 × 5 = 40 marks)

III. Short Answers :

14 What is a field visit ?

15 What are the uses of Primary Health Centres ?—any *two*.

16 What is the use of assistive devices in Rehabilitation Programmes ?—any *two*.

17 Mention a few government schemes to help the disabled—any *two*.

18 How can a physiotherapist prevent disabilities ?—any *two* methods.

19 What are Extension Services ?

Turn over

20 Explain importance of team approach.

21 Define Disability.

22 Define CBR.

23 What is Vocational Rehabilitation ?

(10 × 2 = 20

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06/07/2010