

BACHELOR OF PHYSIOTHERAPY – 4th YEAR ANNUAL EXAMINATIONS JUNE 2018
(SUB:- NEUROLOGY; PAPER CODE: 03050401)

TIME-3 HRS**MAX MARKS-80****Instructions:**

1. Write your Roll No. on the question paper.
2. Candidate should ensure that they have been provided with correct question paper. Complaints in this regard, if any, should be made within 15 minutes of the commencement of the exams. No complaint(s) will be entertained thereafter.
3. Attempt **SIX** questions in all. **Q.1** is compulsory. Students are required to attempt **FIVE** questions from **Q.2** to **Q.8**. Marks are indicated against each question.
4. Draw diagram whenever required.

- Q.1** A 6 year old boy comes to you with a presenting complain of inability to run, walk, and frequent Falls since last 1 year before that the child was apparently well. His blood levels showed 200 times increase in in CPK level and increased neutrophil levels. On examination there was diminished reflexes and hypotonia **(3+3+4+3+2=15)**
- a) Identify the disease
 - b) Write pathophysiology for the same
 - c) Explain in detail the clinical features, management and differential diagnosis for the symptoms
- Q.2** Right short note on **(3+2+5+3=13)**
- a) Difference between epilepsy and convulsion
 - b) Phases of seizure
 - c) Classification of seizures (enumerate only)
 - d) Difference between epileptic and non epileptic events in older children
- Q.3** A 32 year old Patient presenting with droopy eyelids, painless specific muscle weakness typically affecting the extra ocular, bulbar, and proximal limb muscles. He also complains of double vision, nasal speech and weakening of muscles with repeated use. **(13)**
- a) Identify the disease
 - b) Write pathophysiology for the same
 - c) Explain in detail the investigation ,management and differential diagnosis for the symptoms
- Q.4** Describe in details the abnormal movements occurring due to basal ganglia and cerebellum Pathology **(13)**
- Q.5** Define multiple sclerosis its pathophysiology and Diagnostic criteria? Explain in detail the classification and clinical features of the same **(13)**
- Q.6** Define poliomyelitis and discuss its cause. explain in detail the various deformities occurring in polio with PPRP syndrome **(13)**
- Q.7** Write short note on (any 2) **(6.5+6.5=13)**
- a) Arnold chiary malformation
 - b) Dandy walker syndrome
 - c) Classification of learning disabilities
- Q.8** Write short note on (any 2) **(6.5+6.5=13)**
- a) Role of direct and indirect circuit Direct and indirect circuit for Parkinson's bradykinesia
 - b) Causes of pseudo hypertrophy in Muscular dystrophy
 - c) Role of dystrophin gene for Muscular dystrophy

BPT – 4th YEAR ANNUAL EXAMINATIONS; JUNE 2018
(SUB: PEDIATRICS & GERIATRICS; PAPER CODE: 0305402)

Time: 03:00 Hrs

Max. Marks: 80

Instructions:

1. Write your Roll No. on the Question Paper.
2. Candidate should ensure that they have provided with the correct question paper. Complaints in this regard, if any should be made within 15 minutes of the commencement of the exam. No Complaint (s) will be entertained thereafter.
3. Question paper consists of two Parts, Part-I & Part-II. Max. marks for each part is **40**. Use **separate answer book for each part**. Any mistake in this regard shall be at the risk and responsibility of the examinee and no complaint in this regard will be entertained after the exam.
4. Draw diagram wherever required.

PART – I (PEDIATRICS)

Attempt all questions:

- Q.1** Describe clinical presentation and management of Muscular dystrophy. **(6+9=15)**
- Q.2** Write short notes on any five **(5×5=25)**
- a) Clubfoot
 - b) Congenital dysplasia of hip
 - c) Modified Jones criteria
 - d) Down Syndrome
 - e) Megaloblastic anemia
 - f) ORS
 - g) Primary Complex

PART – II (GERIATRICS)

Attempt three (03) questions in all. Q.1. is compulsory. Students are required to attempt two (02) questions from Q.2. to Q.4.

- Q.1** What is osteoporosis? Complications and management of osteoporosis? **(14)**
- Q.2** Write short notes:
- a) Hypertension and its management **(3)**
 - b) Nutritional advice in old age **(3)**
 - c) Osteoarthritis **(3)**
 - d) Obesity **(4)**
- Q.3** Write short notes on:
- a) Parkinsonism **(3)**
 - b) Physiotherapy management of stroke **(4)**
 - c) Cardiac arrest **(3)**
 - d) Congestive cardiac failure **(3)**
- Q.4** Discuss about the major Geriatric diseases patients usually suffer and also discuss their general as well as physiotherapy management? **(13)**

Roll No. _____

**BACHELOR OF PHYSIOTHERAPY - 4TH YEAR ANNUAL EXAMINATION JUNE 2018
(SUB:-PHYSIOTHERAPY IN NEUROLOGY; PAPER CODE:- 305404)**

TIME-3 HRS

MAX MARKS-80

Instructions:

1. Write your Roll No. on the question paper.
2. Candidate should ensure that they have been provided with correct question paper. Complaints in this regard, if any, should be made within 15 minutes of the commencement of the exams. No complaint(s) will be entertained thereafter.
3. Attempt **SIX** questions in all. **Q.1** is compulsory. Students are required to attempt **FIVE** questions from **Q.2** to **Q.8**. Marks are indicated against each question.
4. Draw diagram whenever required.

- Q.1** Define Multiple sclerosis and its Diagnostic Criteria. Explain its Classification and Clinical Features in detail? **(2+3+5+5=15)**
- Q.2** How will you Assess and Manage stroke patient? **(6+7=13)**
- Q.3** Define Benign paroxysmal positional vertigo. Discuss the Vestibular Rehabilitation in detail. **(3+10=13)**
- Q.4** a) Methods of reducing spasticity **(6)**
b) PT management of Motor Neuron Disease **(7)**
- Q.5** Discuss Brain Herniation with diagram? Explain its PT Management in detail **(7+6=13)**
- Q.6** Write the Assessment and Treatment of Parkinsonism? **(13)**
- Q.7** 24 year old male met with an accident and has an lesion at the level of 11 –12. Discuss in detail function of the patient that will be spared & function which will be lost. Will this patient be able to ambulate in the community or not discuss in detail about pt management?**(5+1+7=13)**
- Q.8** a) PT management of claw hand **(7)**
b) APGAR Score **(6)**

Roll No. _____

**BACHELOR OF PHYSIOTHERAPY – 4th YEAR ANNUAL EXAMINATIONS;
JUNE 2018
(SUB:- OBG/ ENT/ OPHTHALMOLOGY ; PAPER CODE:- 0305403)**

Time – 3 hrs

M.Marks-60

Instructions:

1. Write your Roll No. on the question paper.
2. Candidate should ensure that they have been provided with correct question paper. Complaints in this regard, if any, should be made within 15 minutes of the commencement of the exams. No complaint(s) will be entertained thereafter.
3. Question paper consists of **three parts** – Part-I, Part-II, Part-III. Max marks for each part is 20. Use **Separate answer book for each part**. Any mistake in this regard shall be at the risk and responsibility of the examinee. Marks are indicated against each question.
4. Draw diagram wherever required.

PART –I (OBG)

ATTEMPT ALL QUESTIONS:-

- Q.1 What are antenatal exercises, describe the method and their role for preparation of labor. (10)
- Q.2 Discuss the role of physiotherapy in common gynaecological problems listed below: (2.5*4=10)
- a) stress incontinence
 - b) Pelvic inflammatory disease
 - c) disorders of menstruation
 - d) fibroid uterus

PART –II (ENT)

ATTEMPT ANY 2 QUESTIONS:-

- Q.3 a) Draw a well labeled diagram of Lateral wall of Nose. (5)
b) Discuss course of Facial Nerve. (5)
- Q.4 Discuss Otitis media and its complications. (10)
- Q.5 a) Discuss etiology and management of allergic Rhinitis (5)
b) Clinical Features of Otosclerosis. (5)

PART –III (OPHTHALMOLOGY)

Attempt all questions:-

- Q.6 Define Cataract and discuss the treatment modalities available till date. (10)
- Q.7 Define Stye and chalazion describe there treatment . (10)

Roll No. _____

BACHELOR OF PHYSIOTHERAPY (BPT) - 4th YEAR ANNUAL EXAM; JUNE-2018
(SUB:-PHYSIOTHERAPY IN GENERAL MEDICAL & SURGICAL CONDITION)
(PAPER CODE:- 03050405)

Time – 3 hrs

M.Marks-80

Instructions:

1. Write your Roll No. on the question paper.
2. Candidate should ensure that they have been provided with correct question paper. Complaints in this regard, if any, should be made within 15 minutes of the commencement of the exams. No complaint(s) will be entertained thereafter.
3. Attempt SIX Questions in all. Q.1. is compulsory. Students are required to attempt FIVE questions from Q.2 to Q.7. Marks are indicated against each question.
4. Draw diagram whenever required.

- Q.1** Write in detail the role & responsibility of a Sports Physiotherapist in a sports team. Add a note on preventive strategies in sports? **(15)**
- Q.2** Define burns. Classify burns on the basis of depth. Explain the various types of grafts used in management of burns? **(13)**
- Q.3** Discuss principles of treatment and assessment of a pediatric patient. **(13)**
- Q.4** Describe Etiology, clinical presentation and PT management of 60 year female suffering from Bilateral Kncce Ostcoarthritis? **(13)**
- Q.5** Discuss clinical presentation, Assessment and PT management of Scheurmann's disease? **(13)**
- Q.6** Short Note on
- a) Post Natal exercises **(6)**
 - b) Common injuries in Runners **(7)**
- Q.7** Short Note on.
- a) Alopecia **(6)**
 - b) Psychoneurosis **(7)**

Roll No. _____

BACHELOR OF PHYSIOTHERAPY- 4TH YEAR
ANNUAL EXAMINATION; JUNE 2018
(SUB:-RATIONALE OF REHABILITATION; PAPER CODE:-305406)

Time – 3 hrs

M.M - 80

Instructions:

1. Write your Roll No. on the question paper.
2. Candidate should ensure that they have been provided with correct question paper. Complaints in this regard, if any, should be made within 15 minutes of the commencement of the exams. No complaint(s) will be entertained thereafter.
3. Attempt **SIX** questions in all. **Q.1** is compulsory. Students are required to attempt **FIVE** questions from **Q.2 to Q.8**. Marks are indicated against each question.
4. Draw diagram whenever required.

- Q.1** Define Rehabilitation and its importance in the Physiotherapy? Elaborate Rehabilitation team and its role as a team effort? (2+3+5+5=15)
- Q.2** Explain Wheelchair, its various components, prescription, modification and training for patients handling wheelchair? (1+3+2+3+4=13)
- Q.3** Write short notes on:-
- a) Recruitment (7)
 - b) Role of personal manager (6)
- Q.4** Differentiate between Impairment, Disability and Handicap. Elaborate about the evaluation of disability and the interconnection between the three? (5+5+3=13)
- Q.5** Write short notes on:-
- a) Aphasia and its rehabilitation? (7)
 - b) Role of vocational rehabilitation in life of a patient? (6)
- Q.6** Discuss about prescription of foot wear modification and their importance? (13)
- Q.7** Write short notes on:-
- a) Milwaukee brace with its advantage and disadvantage? (6)
 - b) Classification of Orthosis? (7)
- Q.8** Discuss about relationship of Physiotherapist along with its supervisors and subordinates? (13)

Roll No. _____

BACHELOR OF PHYSIOTHERAPY (BPT) - 4th YEAR ANNUAL EXAMS: JUNE- 2018

(SUB.:- PHYSIOTHERAPY ETHICS & LAW; PAPER CODE: 0305407)

Time: 1:30 min

Max. Marks: 40

Instructions:

1. Write your Roll No. on the question paper.
2. Candidate should ensure that they have been provided with correct question paper. Complaints in this regard, if any, should be made within 15 minutes of the commencement of the exams. No complaint(s) will be entertained thereafter.
3. Attempt **SIX** questions in all. **Q.1** is compulsory. Students are required to attempt **FIVE** questions from **Q.2** to **Q.8**. Marks are indicated against each question.
4. Draw diagram whenever required.

- Q.1** Write in detail about the history of physiotherapy in world as well as in India. (15)
- Q.2** Write in detail about the rules of professional conduct pertaining to practice of physiotherapy. (5)
- Q.3** Write short note on Consumers Protection Act? (5)
- Q.4** Write in short about the importance of confidentiality and responsibility? (5)
- Q.5** What are malpractices claims? (5)
- Q.6** Write about importance of consumer protection act with respect to the physiotherapy services. (5)
- Q.7** Write a note on important points to be considered while advertising for provision of physiotherapy services. (5)
- Q.8** Write a note on importance of documentation in a physiotherapy clinic. (5)

**BACHELOR OF PHYSIOTHERAPY – 4th YEAR ANNUAL EXAMINATIONS; JUNE 2018
(SUB:-RESEARCHII METHODOLOGY & BIOSTATISTICS; PAPER CODE – 03050408)**

TIME-3 HRS

MAX MARKS-80

Instructions:

1. Write your Roll No. on the question paper.
2. Candidate should ensure that they have been provided with correct question paper. Complaints in this regard, if any, should be made within 15 minutes of the commencement of the exams. No complaint(s) will be entertained thereafter.
3. Attempt **SIX** questions in all. **Q.1** is compulsory. Students are required to attempt **FIVE** questions from Q.2 to Q.8. Marks are indicated against each question.
4. Draw diagram whenever required.

- Q.1** Define Research. Discuss its types, scope and the problems faced by Researchers in India? (2+5+5+3=15)
- Q.2** What do you mean by Critical analysis of Research. Explain various steps involved in it? (5+8=13)
- Q.3** Define Research Design and its features. Differentiate Exploratory and descriptive Research design. (5+8=13)
- Q.4** What is a questionnaire? How it should be designed and what are different types of questionnaire? (3+4+6=13)
- Q.5** Discuss about the elements, types and importance of Informed Consent. (13)
- Q.6** Short Notes-
- a. Plagiarism and Whistle blowing (5)
 - b. Survey (3)
 - c. Importance of biostatistics in Research (5)
- Q.7** Write short notes on
- a. Components of Research Problem (6)
 - b. Probability Sampling (7)
- Q.8** Find mean, median mode from the following data (13)
12,13,12,15,35,32,14,13,17,13
