

BPT, March, 2025

BLDE (DEEMED TO BE UNIVERSITY)
BACHELOR OF PHYSIOTHERAPY

[Time: 3 Hours]

[Max. Marks: 80]

VI SEMESTER
PAPER - I (General Medicine)
QP CODE: 8620

Your answer should be specific to the questions asked.
Write Question No. in left side of margin.

Long Questions

10X1 = 10 Marks

1. Pneumonia causes, clinical features, management and complication.

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Osteoporosis causes, clinical features and management
3. Note on Blood Transfusion
4. Rickettsia, causes, clinical features and management.
5. Write note on Hypothyroidism.
6. Management of Acute Alcohol withdrawal.
7. Causes, clinical features, management of Empyema
8. Neurological manifestation of Diabetes Mellitus
9. Obesity – causes, management and complication.
10. Drugs causing Hepatitis and management.

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Anti-hypertension drug classification.
12. Indication to Blood Transfusion
13. Causes of secondary Hypertension
14. Angiotension II Receptor Blocker
15. Causes of Dysphasia
16. Infection transmitted by blood transfusion
17. Causes of oedema.
18. Dementia in geriatric population.
19. Causes of clubbing
20. Side effects of Insulin
21. Causes of Exudative pleural effusion

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VI SEMESTER

PAPER - II (Neuromedicine, Neurosurgery)

QP CODE: 8621

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

Long Questions

10X1 = 10 Marks

1. Write a note on classification, types, evaluation and management of head injury

SHORT ESSAYS (Answer any Four)

4 x 5 = 20 Marks

2. Spinal cord tumours
3. Spinal cord injury and its management
4. Post-operative care of neurosurgical patient
5. Cerebrovascular accidents types and management
6. Evaluation of cranial nerves

SHORT ANSWERS (Answer any Five)

5 x 2 = 10 Marks

7. Indications of lumbar puncture
8. Name some anti-epileptic drugs
9. Name different types of neuromuscular disorders
10. Indications of laminectomy
11. What is cranioplasty
12. Indications of VP ventriculoperitoneal shunt.

QP Code: 8619 (Pediatrics)

Long Questions

10X1 = 10 Marks

1. Discuss Juvenile Arthritis- causes, types, clinical features and physiotherapy interventions

Short Essays: (Any – 4)

4 X 5 = 20 Marks

2. Pneumonia – IMNCI classification, physiotherapy in lobar consolidation.
3. Tuberculosis – WHO classification, pulmonary complications of pulmonary tuberculosis, physiotherapy intervention in pulmonary TB.
4. Define LBW. Management of LBW infants.
5. Define growth and development, physiotherapy management in a gross developmental delay child.
6. Vitamin A deficiency- signs and symptoms, classification and management of vitamin A deficiency.

Short Answers (Any – 5)

2 X 5 = 10 Marks

7. Rose spots.
8. Complications of phototherapy.
9. Enlist post-meningitic sequelae.
10. Examination of vagus nerve.
11. Clinical features of down's syndrome
12. Infantometer

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[Max. Marks: 80]

VI SEMESTER

PAPER - III (Community Physiotherapy II)

QP CODE: 8622

Your answer should be specific to the questions asked.
Write Question No. in left side of margin.

Long Questions

10X1 = 10 Marks

1. Discuss work conditioning & work hardening for automobile industry worker.

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Add a note on radiations at workplace & its health hazards.
3. Immunization schedule for the children.
4. Add a note on types of incontinence.
5. Causes of maternal mortality.
6. Discuss traditional medical model in industrial health.
7. Discuss workplace assessment of a truck driver with neck pain complaints.
8. Add a note work related musculoskeletal disorders WMSD among defense service staff.
9. Add a note on screening & detection of high risk babies.
10. Common lifestyle disorders among college students.

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Physiotherapy in diabetes
12. Anganwadi worker
13. Extension services.
14. Assistive devices.
15. Labour positions.
16. Vocational evaluation.
17. Mechanical stresses in job.
18. Genetic counselling.
19. Duchenne muscular dystrophy.
20. Monotonocity in job.
21. Relaxation in industrial health.

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[Time: 3 Hours]

[Max. Marks: 80]

VI SEMESTER

PAPER - IV (Functional Diagnosis & Physiotherapeutic Skills –II)

QP CODE: 8623

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

Long Questions

10X1 = 10 Marks

1. Assess the Cardio Vascular & Pulmonary System add a note on Vital parameters, Chest expansion, Symmetry of chest movement, Breath Holding Test, Breath Sounds & Rate of Perceived Exertion (R.P.E.)

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Explain Functional Capacity using sub maximal tests (Exercise Tolerance & Six Minutes' Walk test)
3. Add a short note on General principles of Human development & maturation.
4. What is Gross to fine motor development?
5. Explain Body composition & anthropometry - B.M.I., use of skin fold calipers.
6. What is Physical fitness add note on Flexibility, Strength, Endurance, Agility.
7. Add a note on Physical Activity Readiness Questionnaire
8. What is Reflex maturation tests?
9. Write Principles & Technique for Application of a) Bobath b) Neuro Developmental Technique
10. Write indications of c) Rood's Technique d) P.N.F.

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. What is Brunnstrom?
12. Principles & components of exercise prescription for healthy adults.
13. What is P.E.F.R.?
14. Enumerate the Tests for Peripheral Arterial & venous circulation.
15. What are Nerve Conduction Studies & its Principle?
16. Write Short note on F wave & H reflex
17. Add a note on Barthel Index
18. Berg Balance scale
19. Modified Ashworth Scale.
20. Physiology of muscle contraction
21. Electro-Myography

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[Time: 1 & half Hours]

[Max. Marks: 40]

VI SEMESTER

PAPER - V (Orthotics and Prosthetics)

QP CODE: 8624

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

Long Questions

10X1 = 10 Marks

1. What are lower limb amputation and its prosthetics management

Short Essays: (Any – 4)

5 X 4 = 20 Marks

2. What is difference between calcaneal spur and metatarsalgia what are the orthotic management?
3. Write advantage and disadvantage of Jaipur foot
4. Write orthotic management of genu valgum
5. Write briefly on UL prosthesis
6. Write briefly on bell's palsy and its orthotic management

Short Answers: (Any – 5)

2 X 5 = 10 Marks

7. Orthotic management of Retro calcaneal bursitis
8. Orthotic management of tennis elbow
9. Orthotic management of hallu^x valgus
10. Orthotic management of kyphosis
11. Orthotic management of cervical spondylosis
12. Orthotic management of cervical fracture