

BPT. March - 2025

BLDE (DEEMED TO BE UNIVERSITY)
BACHELOR OF PHYSIOTHERAPY

[Time: 3 Hours]

[Max. Marks: 80]

VII SEMESTER

PAPER - I (Musculoskeletal and Sports Physiotherapy – I)

QP CODE: 8720

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

Long Questions

10X1 = 10 Marks

1. Mention physical therapy assessment (with any 2 special tests) and treatment regime for a child of three months referred for further management following congenital dislocation of hip.

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Explain the physiotherapy management for tendon transfers.
3. Explain RA & physiotherapy management.
4. Assessment and management for shoulder dislocation.
5. Physiotherapy management for tibial plateau fracture orthopedically treated with internal fixation.
6. Explain types of prosthesis for below knee amputee.
7. Formulate physiotherapy treatment following total knee replacement.
8. Explain physiotherapy management following total hip replacement.
9. Orthotic management for CTEV
10. Explain genu varum

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Carpel tunnel syndrome
12. Types of external fixators
13. JONES fracture
14. What is a capsular pattern of a joint?
15. Gout.
16. Stress fracture
17. Significance of Q angle
18. Torticollis
19. Functional cast bracing.
20. Intrinsic minus hand
21. Differentiate between Spondylitis, Spondyllosis, & Spondylolisthesis.

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VII SEMESTER
PAPER - II (Neuro Physiotherapy – I)
QP CODE: 8721

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

Long Questions

10X1 = 10 Marks

1. Assessment and Physiotherapy management of a 30-year-old male with C4-C5 level spinal cord injury.

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Significance of APGAR Scale
3. Physiotherapy management of Eaton-Lambert Syndrome
4. Principles of CIMT and techniques used in hemiplegic upper extremity rehabilitation
5. SMA
6. Brunnstrom staging
7. Physiotherapy management of perceptual disorders
8. Differentiate between UMN and LMN
9. Components and application of GCS on patient post traumatic brain injury stage
10. Explain the procedure of assessment for balance

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Autonomic dysreflexia
12. Babinski sign
13. 8th cranial nerve examination
14. Sun set sign
15. Dysdiadochokinesia
16. Brudzinski sign
17. Bells phenomenon
18. Battle's sign
19. Barognosis
20. Apraxia and its types
21. Gower's sign

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VII SEMESTER

PAPER - III (Cardio-Respiratory Physiotherapy - I)

QP CODE: 8722

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

Long Questions

10X1 = 10 Marks

1. A 49-year-old male was posted for LVRS. He is a known smoker for the past 29 years. Explain the role of physiotherapy in managing this patient. (Pre and Postoperative management)

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Mention the indications for pulmonary functions tests. Define FVC, FEV1 and FEV1/FVC
3. Compare active cycle of breathing with autogenic drainage
4. How will you plan the physiotherapy management of 65 years old male, with history of restrictive pulmonary condition, had undergone emergency upper abdominal surgery?
5. Mention the goals of physiotherapy in managing a person following cystic fibrosis. Explain its pathophysiology.
6. Write in detail about cardiac cycle and stroke volume?
7. What is the role of physiotherapy in Pneumonectomy?
8. Explain breathlessness management and add a note on breathing reeducation.
9. Explain postural drainage technique for right side lung detail with neat diagram
10. Define Cardiac Rehabilitation. Mention the indications

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Define emphysema
12. Write a note on Bipap mode of ventilator
13. Name the muscles of respiration
14. Deep breathing exercise – Any four indications
15. Explain ABCD of BLS
16. Define ABG analysis and mention its values
17. Explain balke protocol
18. Explain ARDS
19. Define shock and mention any 3 types of shock
20. Write about conduction system of heart.
21. Vibration

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VII SEMESTER
PAPER - IV (Research Methodology and EBP)
QP CODE: 8723

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

Long Questions

10X1 = 10 Marks

1. Discuss in detail about sample & sampling methods.

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Define research & add a note on research problem.
3. Define hypothesis & discuss it's types.
4. Discuss measures of central tendency.
5. Uses of computer in research.
6. Meta-analysis.
7. Outcomes & their uses in evidence based practice.
8. Define evidence based practice & its uses in clinical practice with physiotherapy examples.
9. Conducting economic evaluation in evidence based physiotherapy practice.
10. Guidelines of clinical practice by APTA.

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Evidence search.
12. Research dissemination.
13. Bibliographic databases.
14. Statistics in research.
15. Define research design & mention it's types.
16. Dispersion.
17. Use of statistics in research.
18. Interview method & its types.
19. Stages of systematic reviews.
20. Enumerate Levels of evidence classification system.
21. Primary data.