

11-7-26
P07

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. A 25-year-old football player sustained an **ACL tear** during match play. Write complete physiotherapy assessment using SOAP format and detailed management plan.

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Explain congenital dislocation of hip (CDH) and its management.
3. Describe rheumatoid arthritis and physiotherapy management.
4. Explain in detail about osteomyelitis and physiotherapy role.
5. Write physiotherapy management of peri-arthritis shoulder.
6. Explain types of traction used in fracture treatment.
7. Discuss physiotherapy management for rotator cuff repair.
8. Explain different abnormalities of knee alignment – genu varum, genu valgum, genu recurvatum.
9. Physiotherapy management following elbow arthroplasty.
10. Describe PT management in amputation stump care and bandaging.

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Define Jones fracture.
12. Write three complications of fractures.
13. Mention two orthotic modifications for CTEV.
14. Write short note on unhappy triad of knee.
15. Define and explain intrinsic minus hand.
16. Write short note on lumbar lordosis.
17. Mention two special tests for shoulder instability.
18. Write short note on mallet finger.
19. Define arthrodesis.
20. Write note on boxer's fracture.
21. Write short note on periosteal reaction in fracture healing

312/26
p107

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[Time: 3 Hours]

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.

10X1 = 10 Marks

Long Questions

1. Write the assessment and Physiotherapy management of a 70-year-old man with Parkinson's disease duration of 1 year.

5 X 8 = 40 Marks

Short Essays: (Any – 8)

2. Principles and techniques used in Rood's approach.
3. Assessment of spasticity using Modified Ashworth Scale
4. Explain sensory ataxia with respect to clinical presentation and physiotherapy management.
5. Write about Los Amigos Scale of cognition function
6. Differentiate between superficial and deep reflexes
7. Post Polio Syndrome
8. ASIA Scale
9. Physiotherapy management of a 7-year-old child with DMD
10. Causes of 7th cranial nerve paralysis.

3 X 10 = 30 Marks

Short Answers: (Any – 10)

11. Somatognosia
12. Rigidity and its types
13. 5th cranial nerve examination
14. Lhermitte's sign
15. Stereognosis
16. Brown Sequard syndrome
17. Gower's sign
18. Doll's eye phenomenon
19. Glabellar tap sign
20. Brocha's aphasia
21. Perception

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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. Add a note on Restrictive lung disorders & physiotherapy management of the same.

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. ACBT, Active cycle of breathing technique.
3. Harvard Step test
4. Exercise testing using Bruce protocol
5. IPPB Intermittent positive pressure breathing
6. Discuss coughing & huffing.
7. Differences between adult & pediatric respiratory system structure & function.
8. Physiotherapy & Precautions to be taken while prescribing exercises for asthma patients.
9. Add a short note on adventitious breath sounds.
10. Scoliosis & its impact on respiratory functions

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Chest x-ray findings in emphysema.
12. Cystic Fibrosis
13. Suctioning
14. Incentive spirometer.
15. Pulmonary rehabilitation.
16. Forced Expiratory technique
17. Enumerate anti anginal drugs.
18. Mention any 6 Contra indications for postural drainage.
19. Pulmonary Edema.
20. Vibration
21. Indications of basic life support.

217126
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[Time: 3 Hours]

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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. Explain in detail different types of methods of data collection

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Explain in brief the measures of dispersion and measures of central tendency.
3. Write the differences between case control and cohort study designs
4. Explain in brief different methods of sampling techniques
5. Write a short note on role of computer in research
6. Write short note on non-parametric tests
7. Write in brief about systematic review and meta-analysis
8. Write a short note on problems encountered by researchers in India.
9. Write a short note on importance of evidence based physiotherapy practice.
10. Write a short note on measurement techniques in research

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. List 3 biases in research design.
12. Alpha and beta error
13. Write 3 types of analytical study designs
14. Objectives of evidence based practice.
15. Ethics in research.
16. World Wide Web
17. Limitations in hypothesis testing
18. PICO criteria of research question
19. Review of literature
20. Inferential statistics
21. P value