

*Jay 26*

**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. Respiratory failure – Definition, types, causes, clinical features, diagnosis and Management.

**Short Essays: (Any – 8)**

**5 X 8 = 40 Marks**

2. Note on Lung Abscess
3. Difference between Ulcerative colitis and Crohn's Disease
4. Difference between Kwashiorkor and Marasmus
5. Note on Hemolytic anemia
6. Note on Hemophilia - A
7. Pancreatitis – clinical features, causes and management
8. Diabetes Mellitus – classification and clinical features and management
9. COPD – classification and management
10. Note on Gout – clinical features and management

**Short Answers: (Any – 10)**

**3 X 10 = 30 Marks**

11. Psychosis
12. Five causes of Hemolytic anemia
13. Three causes of Hematuria
14. Clinical features of Hypertension
15. Note on Anorexia Nervosa
16. Normal ECG Wave and Intervals Diagram
17. Pneumothorax clinical features
18. Depression & its complications.
19. Causes of central cyanosis
20. Mode of HIV transmission
21. Treatment of OP poisoning

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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 in detail about Raised Intracranial Pressure (ICP) – causes, clinical signs, investigations, emergency management and complications.

**SHORT ESSAYS (Answer any Four)**

**4 x 5 = 20 Marks**

2. Peripheral nerve injuries – classification (Seddon/Sunderland) and principles of management
3. Myasthenia gravis – clinical features, tests and treatment
4. Glasgow Coma Scale (GCS) – components and interpretation
5. Lumbar puncture – indications, contraindications and complications
6. Parkinson's disease – clinical features and medical management

**SHORT ANSWERS (Answer any Five)**

**5 x 2 = 10 Marks**

7. Define neuropraxia
8. Two indications for CT head in minor head injury
9. Two features of cerebellar lesion
10. What is stereotactic surgery?
11. Two clinical signs of meningeal irritation
12. Define TIA

**QP Code: 8619 (Pediatrics)**

**Long Questions**

**10X1 = 10 Marks**

1. Acute bronchiolitis – causes, clinical features, diagnosis, complications and management (including oxygen therapy and physiotherapy measures).

**Short Essays: (Any – 4)**

**4 X 5 = 20 Marks**

2. Neonatal sepsis – risk factors, sepsis screen and management
3. Down's syndrome – clinical features and early intervention
4. Dehydration in diarrhea – assessment (IMNCI) and management
5. Vitamin D deficiency rickets – signs, investigations and treatment
6. Febrile seizures – evaluation and management

**Short Answers (Any – 5)**

**2 X 5 = 10 Marks**

7. APGAR score – five components
8. Two benefits of Kangaroo Mother Care (KMC)
9. BCG – route and site
10. Two hazards of bottle feeding.
11. Red reflex – significance
12. Normal respiratory rate at 1 year (range)

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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. Explain the physiological changes in various systems in geriatric population. Add a note on ethics geriatric Rehabilitation.

**Short Essays: (Any – 8)**

**5 X 8 = 40 Marks**

2. Add a note on workplace mechanical stresses & its health hazards.
3. Return to work evaluation
4. Add a note on psychological hazard in executive job.
5. Causes of infant mortality.
6. Define obesity & its health hazards.
7. Add a note on workstation assessment for a bank clerk.
8. Add a note on role of voluntary organization in Community Physiotherapy.
9. Add a note on screening of fitness among high school children.
10. Write effects of noise & vibration on industrial worker's health.

**Short Answers: (Any – 10)**

**3 X 10 = 30 Marks**

11. Physiotherapy in hypertension
12. Vocational counsellor.
13. Camp & its importance in rehabilitation.
14. Primary Health center.
15. Role of family members in womens health.
16. Vocational counselling.
17. Fatigue & work.
18. Frostbite.
19. Chemical inhalation in indutries.
20. Down syndrome.
21. Maternity leave.

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[Max. Marks: 80]

**[Max. Marks: 80]**

**PAPER - IV (Functional Diagnosis & Physiotherapeutic Skills -II)**  
**QP CODE: 8623**

**10X1 = 10 Marks**

1. Explain functional diagnosis using ICF for a patient with stroke. Add a note on higher mental functions, cranial nerve assessment, and posture deviations.

**5 X 8 = 40 Marks**

2. Explain the 6-minute walk test and its clinical use.
3. Describe gross to fine motor development with examples.
4. Discuss PNF technique – principles, indications and application.
5. Explain ABG interpretation with common abnormal findings.
6. What is body composition? Add a note on BMI and skinfold calipers.
7. Write a note on Electromyography.
8. Describe the Bruce Protocol for exercise testing.
9. Write a note on FIM scale and its use in functional assessment.
10. Discuss endurance and agility tests in physical fitness assessment.

**3 X 10 = 30 Marks**

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BACHELOR OF PHYSIOTHERAPY**

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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. Explain KAFO – parts, types, indications, alignment, gait training and complications.

**Short Essays: (Any – 4)**

**5 X 4 = 20 Marks**

2. Solid AFO vs Articulated AFO – differences, indications.
3. Milwaukee brace and low-profile scoliosis orthoses – uses and precautions.
4. PTB (Patellar Tendon Bearing) transtibial prosthesis – components and checkout.
5. SACH foot vs Jaipur foot – key features and advantages.
6. Upper limb orthoses (WHO/EO) – indications and examples.

**Short Answers: (Any – 5)**

**2 X 5 = 10 Marks**

7. Three-point pressure system.
8. Indications of TLSO.
9. Philadelphia collar – use.
10. Foot orthosis for flat foot.
11. One check point in below-knee prosthetic alignment.
12. Define endoskeletal prosthesis.