

JAN - 2024

BLDE (DEEMED TO BE UNIVERSITY)
BACHELOR OF PHYSIOTHERAPY

[Time: 3 Hours]

[Max. Marks: 80]

II SEMESTER

PAPER - I (Anatomy - II)

QP CODE: 8220

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

Long Questions

10X1 = 10 Marks

1. Name the parts of the female reproductive system. Describe the Uterus in detail.

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Ovary
3. Histology of Kidney gland
4. Spleen
5. Oogenesis
6. Draw a neat labelled diagram of nephron
7. Branches of Abdominal aorta
8. Stomach Bed
9. Gluteus Maximus muscle
10. Trigone of the Urinary bladder

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Portal vein
12. Tibia
13. Acetabulum
14. Parts of the Fallopian tube
15. Functions of liver
16. Histology of testis
17. Name abdominal muscles
18. Difference between Male and female pelvis
19. Lumbar Vertebrae
20. Parts of duodenum
21. Neuroglia

JAN-2024

**BLDE (DEEMED TO BE UNIVERSITY)
BACHELOR OF PHYSIOTHERAPY**

[Time: 3 Hours]

[Max.Marks: 80]

**II SEMESTER
PAPER – II (HUMAN PHYSIOLOGY - II)
QP CODE: 8221**

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

Long Questions

10X1 = 10 Marks

1. Discuss the functions and regulation of secretion of Growth Hormone. Add a note on effects of abnormal secretion of Growth Hormone

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Functions and Regulation of thyroid hormone
3. Spermatogenesis: Definition, Diagram and Description
4. Ovulation: Definition and tests to detect it
5. Synapse: Definition, Diagram and Events associated with transmission of impulse across it
6. Corticospinal Tract: Origin, Course, Termination and Functions
7. Receptors: Definition and Description of their properties
8. Errors of refraction and their correction
9. Visual pathway: Diagram, Description and Effects of lesion in its course on vision
10. Middle ear: Contents and Functions

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. List the features of Diabetes Mellitus
12. List the functions of Testis
13. List the functions of ovary
14. Enumerate the functions of placenta
15. Mechanism of action of a) Oral Contraceptive Pill b) IUCD
16. Draw a diagram to show circulation of cerebrospinal fluid
17. Thermoregulatory centers: Location and Functions
18. Referred pain: Definition and examples
19. Draw a neat and labeled diagram of neuron
20. State the significance of a) Blind spot b) Fovea centralis
21. List the tests of hearing

JAN - 2024

**BLDE (DEEMED TO BE UNIVERSITY)
BACHELOR OF PHYSIOTHERAPY**

[Time: 3 Hours]

[Max. Marks: 80]

II SEMESTER

PAPER - III (Biochemistry- II)

QP CODE: 8222

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

Long Questions

10X1 = 10 Marks

1. Describe the digestion and absorption of proteins.

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Note on glycolysis and TCA cycle.
3. General reactions of Amino acids.
4. The biochemical role of iron in the body.
5. What are electrolytes? Discuss their clinical significance.
6. Discuss the types of errors that occur in the clinical laboratory.
7. Discuss the Acid-Base balance in the human body.
8. Write the clinical significance of magnesium and selenium.
9. What is meant by RFT? Discuss the clinical importance of those parameters in RFT
10. Deficiency manifestation of calcium.

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. What is LFT? Which biochemical parameters are processed under LFT
12. Effect of dehydration on the levels of serum sodium and potassium
13. Normal ranges for 1. FBS. 2. PPBS. 3. RBS
14. Name the biochemical parameters processed to check the thyroid function with their normal ranges.
15. How the blood glucose level is regulated
16. Define minerals? Classify. Give examples for each class.
17. Functions of phosphate.
18. Fluorosis
19. Normal ranges for blood pH, pCO₂ and pO₂.
20. Classification of lipids.
21. Name the cardiac markers and their normal ranges.

JAN-2024

**BLDE (DEEMED TO BE UNIVERSITY)
BACHELOR OF PHYSIOTHERAPY**

[Time: 3 Hours]

[Max.Marks: 80]

**II SEMESTER
PAPER – IV (KINESIOTHERAPY - II)
QP CODE: 8223**

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 locking and unlocking mechanism of knee joint. Add a note anatomical pulley.

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Describe lumbo pelvic rhythm.
3. Explain postural control.
4. Write a note on trabecular system of hip joint.
5. Explain briefly plantar arches.
6. Write in detail about subtalar joint.
7. Add a note on variables of gait.
8. Explain the motion of pelvis at hip joint.
9. Write a note on ankle fixed support synergies
10. Note on thoracolumbar fascia.

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Define degree of toe out.
12. Name the ligaments of hip joint.
13. Plica Syndrome.
14. Define posture and mention its types.
15. Describe meniscus.
16. Three column stability of lumbar spine.
17. Name the muscles of plantar-flexion and dorsiflexion.
18. Define angle of inclination of femur and its pathology.
19. Lumbosacral angle.
20. Define genu varum and genu valgum.
21. Define COG and LOG.