

21/7/26
AM

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. Describe the stomach under the following headings: location, shape and position, external features, relations and blood supply

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Write the anterior and posterior relations of right kidney
3. Femoral triangle boundaries and contents
4. Name the structures forming extra hepatic biliary apparatus. Name the arteries supplying them.
5. Histology of duodenum
6. Write the muscles in the back of thigh with their nerve supply
7. Spleen features with relations
8. Name the structures present underneath the gluteus maximus.
9. Describe the external features of urinary bladder.
10. Soleus muscle

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Dorsalis pedis artery
12. Write the three important features of tibia
13. What is pectinate line in anal canal
14. Name the ligaments of liver
15. Write the differences between jejunum and ileum
16. Name the parts of upper end of femur.
17. What are the coverings of testis
18. Interior of caecum
19. What are the parts of male urethra
20. Histology of vas deference
21. Great saphenous vein

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II SEMESTER
PAPER - II (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. List the hormones secreted by pituitary gland. Describe the synthesis, secretion, functions and regulation of growth hormone.

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Structure of a neuron and conduction of nerve impulse.
3. Synapse – structure and mechanism of transmission.
4. Functions of cerebrospinal fluid and circulation.
5. Parts of the brain and their functions.
6. Structure of the eye and refractive errors.
7. Describe the content and functions of middle ear.
8. Structure and functions of skin.
9. Menstrual cycle and its hormonal regulation.
10. Endocrine glands and their hormones.

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Define reflex arc with an example.
12. Ascending tracts of spinal cord.
13. Describe the absorption in PCT.
14. Functions of hypothalamus.
15. Structure and functions of different parts of eye.
16. Describe the stages of spermatogenesis.
17. Regulation of body temperature.
18. Visual pathway.
19. Juxta-glomerular apparatus.
20. Artificial kidney.
21. Tests for ovulation.

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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. Dietary sources RDA factors affecting absorptions functions. & deficiency manifestation of calcium?

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Multiple Myeloma
3. Give an account of the water distribution and its balance in the body
4. Describe the renal functions tests.
5. Different Types of DNA
6. Acute Phase Proteins
7. Factors affecting Fe absorption
8. Define BMR. Discuss the factors affecting BMR
9. Albumin – Functions & Its Clinical importance
10. What is electrophoresis? Give serum protein Electrophoretic pattern

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Structure of t-RNA
12. Bence Jones Proteins.
13. Specific dynamic action
14. Biochemical Functions of Zn & Cu
15. Biological value of proteins
16. Mitochondrial DNA
17. What is Respiratory Quotient and give its applications.
18. Functions of Iodine
19. Nitrogen Balance
20. Fluorosis
21. Give Serum levels of Sodium, Potassium and Chloride, Calcium, Phosphorus & RBS

9/7/20
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[Time: 3 Hours]

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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. Define posture. Discuss postural reflex and express the various postural deviations of supine.

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Explain phases of gait in RLA terminology.
3. Describe the screw home mechanism of the knee joint.
4. Explain tibiofemoral meniscus.
5. Explain foot supination and pronation.
6. Determinants of gait.
7. Explain the osteokinematics of the hip joint.
8. Explain normal and abnormal postures.
9. Arches of foot.
10. Biomechanics of Ankle Joint.

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Pes planus.
12. Foot pronation.
13. Normal ROM of hip joint.
14. Explain tibial torsion.
15. Squinting of patella.
16. Muscles of mastication.
17. Functions of the subtalar joint.
18. Explain coxa valgus.
19. Explain knee strategy.
20. Explain ideal posture.
21. Explain genu recurvatum.