

July - 2022

BLDE (DEEMED TO BE UNIVERSITY)

M.Sc. Allied Health Sciences

[Time: 3 Hours]

[Max.Marks: 80]

II SEMESTER

PAPER – I (MEDICAL ANATOMY)

QP CODE: 9006

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

Long Questions

10X3 = 30 Marks

1. Describe femoral triangle under the following headings: boundaries, contents and femoral hernia.
2. Describe stomach under the following headings: situation, parts, ligaments, blood supply and lymphatic drainage.
3. Describe popliteal fossa under the following headings; boundaries, contents, applied aspects.

Short Essays:

5 X 10 = 50 Marks

4. Histology of testis
5. Name the supports of the uterus
6. Medial longitudinal arch of the foot
7. Great saphenous vein
8. Porto-caval anastomosis
9. Formation of Rectus sheath
10. Histology of duodenum
11. Hamstring muscles
12. Dorsalis pedis artery
13. Describe interior of caecum

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II SEMESTER

PAPER – II (MEDICAL PHYSIOLOGY)

QP CODE: 9007

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

Long Questions

10X3 = 30 Marks

1. Trace the visual pathway. Explain the effects of lesions at various levels in its course on vision
2. Discuss the formation, circulation, composition and functions of cerebrospinal fluid. Add a note on Blood Brain Barrier
3. Describe the composition, functions and regulation of secretion of saliva

Short Essays:

5 X 10 = 50 Marks

4. Auditory pathway: Diagram, Description and Special features
5. Trace the pathway for fine touch from right hand
6. Composition and functions of bile
7. Glomerular Filtration Rate: Definition, Normal value and Factors influencing it
8. Describe tubular reabsorption of glucose. Give normal values for renal threshold and transport maximum for glucose
9. Micturition Reflex: Definition, Diagram, Description and Importance
10. Describe the actions of female sex hormones
11. Contraceptive measures in a male individual
12. Discuss the mechanisms by which Insulin regulates blood sugar level
13. Explain the actions of Parathyroid hormone

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II SEMESTER

PAPER – IV (RESEARCH METHODOLOGY & BIostatISTICS)

QP CODE: 9009

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

Long Questions

10X3 = 30 Marks

1. Define Research. Classify Research design and explain the steps of case-control study.
2. Classify and explain measurement scales in research with suitable examples.
3. Explain the techniques involved in defining a Research problem.

Short Essays:

5 X 10 = 50 Marks

4. Discuss the objectives & purpose of the research
5. Discuss the need of study designs
6. Explain cluster sampling design
7. Discuss Bias in research with examples
8. Discuss the methods of data collection
9. Discuss measures of central tendency
10. Explain the concept of Blinding in RCT
11. Write differences in Qualitative & Quantitative data
12. Describe Normal distribution curve
13. Write precautions for writing research reports