

First Year BPT Degree Regular/Supplementary Examinations
July 2021

Paper I - Anatomy
(2016 Scheme)

Time: 3 hrs**Max marks: 100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essays**(2x15=30)**

1. Describe the anatomy of the vertebral column under the following headings:
 - Formation • Curvature • Ligaments • Joints • Deformities (5+2+2+3+3)
2. Describe the sciatic nerve in detail under the following headings:
 - Origin • Root value • Course & relations
 - Branches & distribution • Applied Anatomy (1+1+5+5+3)

Short Essays**(4x10=40)**

3. Describe the diaphragm in detail. Add a note on the applied anatomy.
4. Describe the cerebellum in detail. Add a note on its applied anatomy.
5. Describe the mediastinum in detail. Mention its clinical importance.
6. Describe the chambers of heart. Add a note on the arterial supply of heart.

Short Answers**(10x3=30)**

7. Anastomoses around elbow joint.
8. Circle of Willis.
9. Microscopic structure of artery.
10. Sarcomere.
11. Quadrangular space in the back of arm.
12. Law of ossification.
13. Thyroid gland.
14. Gluteus maximus.
15. Pericardium.
16. Varicose veins
