

**First Year BPT Degree Supplementary Examinations February 2019**

**Anatomy**

**(2010 Scheme)**

**Time: 3 hrs**

**Max marks: 100**

- Answer all questions
- Draw diagrams wherever necessary

**Essays**

**(2x10=20)**

1. Describe shoulder joint under the following headings:

- Type
- Articular surfaces
- Ligaments and relations
- Movements and muscles producing these movements

2. Describe the knee joint under the following headings:

- Type and articular surfaces
- Intra articular structures
- Mechanism of locking and unlocking
- Muscles producing movements

**Short notes**

**(10x5=50)**

3. Cartilaginous joints
4. Deltoid muscle.
5. Pericardium
6. Bronchopulmonary segments
7. Muscles of pelvic floor
8. Formation of Brachial plexus
9. Gluteus maximus and its relations
10. Cubital fossa
11. Chambers of heart.
12. Brain stem

**Answer briefly**

**(10x3=30)**

13. Structure of neuron
14. Name the major openings in diaphragm with vertebral levels
15. Name the parts of lower end of humerus
16. Name the joints formed by Atlas vertebra.
17. What are the structures passing through foramen spinosum
18. Enumerate recti muscles of eyeball mentioning their nerve supply
19. Classify cartilage giving one example for each
20. Action and nerve supply of sternocleidomastoid
21. Meninges
22. Name any six carpal bones

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