

Seat No: _____

Enrollment No: _____

PARUL UNIVERSITY
Faculty of Physiotherapy
1st Year BPT 1st Internal Examination 2016-17

Year: I**Date: 23/01/2017****Subject Code: 07101101****Time: 3 Hours****Subject Name: HUMAN ANATOMY****Total Marks: 70**

Instructions:

1. All questions are mandatory
2. Figures to the right indicate full marks.
3. Draw Diagram wherever necessary.
4. Write each section in separate answer sheets.

SECTION- A**Q.1 Describe Hip joint in detail with applied aspect. [15]**

OR

Q.1 Describe Hamstring muscles in detail. [15]**Q.2 Write Short Notes (3 out of 4) (5 Marks each) [15]**

- (a) Gluteus maximus muscle.
- (b) Histology of Compact bone.
- (c) Femoral artery.
- (d) Obturator nerve.

Q.3 Multiple Choice Questions (10 out of 10) (1 Mark each) [10]

- (1) The unlocking muscle of knee joint is:
 - a. Plantaris
 - b. Popliteus
 - c. Semitendinosus
 - d. Soleus
- (2) Which of the following muscles is supplied by both femoral and obturator nerves?
 - a. Pectineus
 - b. Psoas major
 - c. Adductor brevis
 - d. Adductor magnus
- (3) Which of the following muscles is an evertor of foot?
 - a. Tibialis anterior
 - b. Tibialis posterior
 - c. Peroneus longus
 - d. Extensor hallucis longus
- (4) Which of the following structures is a content of adductor canal?
 - a. Nerve to vastus lateralis
 - b. Nerve to vastus medialis
 - c. Profunda femoris artery
 - d. Great Saphenous vein

- (5) Which of the following nerves supply Gluteus medius muscle?
- Inferior gluteal nerve
 - Femoral nerve
 - Superior gluteal nerve
 - Common peroneal nerve

SECTION- B

- Q.1 Describe Sciatic nerve in detail with applied aspect. [15]
OR
- Q.1 Describe the Arches of foot with its applied aspect. [15]
- Q.2 Write Short Notes (3 out of 4) (5 Marks each) [15]
- Fertilization.
 - Soleus muscle.
 - Cruciate ligaments of knee joint.
 - Rectus sheath.
- Q.3 Multiple Choice Questions (10 out of 10) (1 Mark each) [10]
- Which of the following is a saddle variety of synovial joint?
 - Wrist joint
 - Ankle joint
 - Sternoclavicular joint
 - Inferior tibiofibular joint
 - Superomedial boundary of Popliteal fossa is formed by:
 - Semimembranosus muscle
 - Medial head of gastrocnemius muscle
 - Biceps femoris muscle
 - Popliteus muscle
 - Which of the following is an example of pseudounipolar neuron?
 - Anterior horn cells of spinal cord
 - Spinal ganglia
 - Sympathetic ganglia
 - Pyramidal neurons of cerebrum
 - Patella is example of which type of bone?
 - Short bone
 - Sesamoid bone
 - Flat bone
 - Pneumatic bone
 - Pulsations of Dorsalis pedis artery can be felt between which two tendons?
 - Tibialis anterior and Extensor hallucis longus
 - Extensor hallucis longus and Extensor digitorum longus
 - Tibialis anterior and Extensor digitorum longus
 - Extensor hallucis and Peroneus tertius