

PARUL UNIVERSITY
FACULTY OF PHYSIOTHERAPY
BPT, Supplementary Examination November 2017

Year: 1

Subject Code: 07101101

Subject Name: Human Anatomy

Date: 27-11-2017

Time: 10.00 am to 01.00 pm

Total Marks: 70

Instructions:

1. All questions are mandatory.
2. Figures to the right indicate full marks.
3. Draw Diagram wherever necessary.
4. Write sections – A, sections – B on separate answer sheets.

SECTION – A

Q.1 Describe Brachial plexus and give its applied aspect. (15)

OR

Q.1 Describe Temporo-mandibular joint with its movements. (15)

Q.2 Write Short Notes (any three) (5 Marks Each) (15)

A Flexor digitorum profundus muscle

B Ulnar nerve in hand

C Right coronary artery

D Facial nerve

Q.3 Multiple Choice Question (1 Mark Each) (05)

1. Clavipectoral fascia is pierced by all of the following structures except

- | | |
|---------------------------|-----------------------------------|
| (a) Cephalic vein | (b) Thoracoacromial artery |
| (c) Medial pectoral nerve | (d) Lymph vessels from the breast |

2. Which of the following nerves is affected in carpal tunnel syndrome?

- | | |
|------------------|--------------------|
| (a) Median nerve | (b) Ulnar nerve |
| (c) Radial nerve | (d) Axillary nerve |

3. Which of the following muscles of eyeball is supplied by trochlear nerve?

- | | |
|----------------------|----------------------|
| (a) Superior oblique | (b) Inferior oblique |
| (c) Superior rectus | (d) Lateral rectus |

4. Which of the following nerves is related to taste in the posterior one-third of tongue?

- | | |
|----------------------------|--------------------------|
| (a) Lingual nerve | (b) Chorda tympani nerve |
| (c) Glossopharyngeal nerve | (d) Vagus nerve |

5. Which of the following nerves innervates costal pleura?

- | | |
|-------------------|-----------------------|
| (a) Vagus nerve | (b) Intercostal nerve |
| (c) Phrenic nerve | (d) Splanchnic nerve |

SECTION - B

Q.1 Describe Arches of the foot with clinical aspect. (15)

OR

Q.1 Classify White fibres of the cerebral hemisphere. Describe Internal capsule in detail. (15)

Q.2 Write Short Notes (any three) (5 Marks Each) (15)

A Quadriceps femoris muscle

B Common peroneal nerve

C Openings in the thoraco-abdominal diaphragm

D Lateral medullary syndrome

Q.3 Multiple Choice Question (1 Mark Each)

(05)

1. Which of the following tract is concerned with pain and temperature sensations?

- (a) Lateral corticospinal tract
- (b) Anterior spinothalamic tract
- (c) Lateral spinothalamic tract
- (d) Anterior corticospinal tract

2. Motor speech centres are located in the:

- (a) Frontal lobe
- (b) Parietal lobe
- (c) Occipital lobe
- (d) Temporal lobe

3. The unlocking muscle of the knee is:

- (a) Soleus
- (b) Popliteus
- (c) Gastrocnemius
- (d) Rectus femoris

4. The chief extensor of the hip joint is:

- (a) Gluteus maximus
- (b) Piriformis
- (c) Obturator internus
- (d) Quadratus femoris

5. Anterior surface of the third part of duodenum is crossed by:

- (a) Superior mesenteric vessels
- (b) Inferior vena cava
- (c) Abdominal aorta
- (d) Right ureter