

C 26333

(Pages : 2)

Name.....

Reg. No.....

**THIRD YEAR B.P.Ed. (INTEGRATED) DEGREE EXAMINATION
APRIL 2017**

Paper XII—KINESIOLOGY

(2013 Admissions)

Time : Three Hours

Maximum : 75 Marks

Answer any three from Part A and any two questions from Part B.

Question 8 is compulsory.

Part A

1. Write a note on the structural and functional classification of muscles. Explain briefly types of muscle contractions .

(1 × 15 = 15 marks)

2. Write short notes on the followings :

- a. Planes and axes.
- b. Fundamental joint movements.
- c. Reciprocal innervations and inhibition.

(3 × 5 = 15 marks)

3. Briefly explain the followings :

- a. Characteristics of shoulder joint.
- b. Attachments and actions of pectoralis major and sub scapularis.
- c. Location and attachments of biceps brachii and Deltoid.

(3 × 5 = 15 marks)

4. Describe the followings :

- a. Characteristics of elbow joint.
- b. Attachments of biceps Brachii and Supinator.
- c. Actions of muscle acting on elbow joint.

(3 × 5 = 15 marks)

5. Explain the major characteristics of shoulder girdle. Describe the location, attachments and actions of muscles acting on shoulder girdle joint.

(1 × 15 = 15 marks)

Turn over

Part B

6. Discuss joint location, attachments and actions of muscles acting on ankle joint.

(1 × 15 = 15 marks)

7. Briefly explain the followings :

- a. Attachment and actions of rectus femouris.
- b. Location and actions of extensor HallucisLongus.
- c. Characteristics of ankle joint.

(3 × 5 = 15 marks)

8. Write short notes on any five of the following :

- a. Soleus.
- b. Sartorius.
- c. Gluteus medius.
- d. Vastus Laterails.
- e. Latissimus Dorsi.
- f. All or none Law
- g. Types of Muscle contractions.
- h. Gracilis.

(5 × 3 = 15 marks)