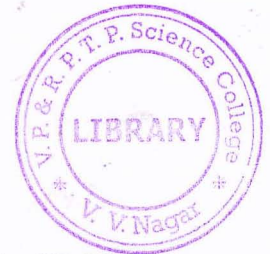


Extra

V.P. & R.P.T.P. SCIENCE COLLEGE

V – SEMESTER , INTERNAL EXAM-2017

ZOOLOGY – US05CZOO04 (ANIMAL PHYSIOLOGY)



DATE: 6-10-2017

TIME: 11am to 12:30pm

DAY: FRIDAY

MARKS: 25

Q-1. MULTIPLE CHOICE QUESTIONS.

(3)

1. A sheath of areolar connective tissue that wraps around individual skeletal muscle fibers
(a) Epimysium (b) Endomysium (c) Perimysim (d) Fascia
2. The neurotransmitters are stored in
(a) Dendrites (b) Cell body (c) Nissle granules (d) Synaptic vesicles
3. Lymphatic capillary used for chylomicron absorption in the small intestine
(a) Villi (b) Lacteal (c) Parietal cells (d) Lymph heart

Q-2. ANSWER IN SHORT (ANY TWO).

(4)

1. Name the proteins present in muscular tissue.
2. Draw & labeled the diagram of a multipolar Neuron.
3. Write about composition of Saliva.

Q-3. Explain the contraction in skeletal muscles by sliding filament mechanism.

(6)

OR

Q-3. Describe the microscopic structure of skeletal muscle.

(6)

Q-4. Explain the propagation of nerve impulse in non-myelinated nerve fiber.

(6)

OR

Q-4. Describe the structure of reflex arc with diagram.

(6)

Q-5. Write about the secretion, composition & functions of gastric juice.

(6)

OR

Q-5. Describe the structure of pancreas and comment upon composition and functions of pancreatic juice.

(6)