P P SAVANI UNIVERSITY

Second Semester of B.P.T Examination
December 2021
SPPT1081 Human Physiology II

29.12.2021, Wednesday   Time: 09:30 a.m. To 12:30 p.m.   Maximum Marks: 70

Instructions:
1. The question paper comprises of two sections.
2. Section I and II must be attempted in separate answer sheets.
3. Make suitable assumptions and draw neat figures wherever required.
4. Use of scientific calculator is allowed.

SECTION – I

Q - 1 Essay Question(Any One)   [10]
(i) Describe in Details about functions of Hypothalamus and draw labelled diagram of nuclei of Hypothalamus
(ii) Describe the mechanism of Hearing and pathway of hearing. Write note on Deafness and Tests of Hearing.

Q - 2 Short Note(Any Two)   [10]
(i) Define and Classify Tracts. Describe in details with diagram about Anterolateral System
(ii) Speech Physiology and Disorders of Speech.
(iii) Reproductive Cycle in Female.

Q - 3 Very Short Notes(Any Five)   [15]
(i) Describe in details about Brown Sequard Syndrome.
(ii) Draw diagram of layers of Retina
(iii) Define and Classify – Synapse with diagram
(iv) Functions of Frontal Lobe.
(v) Functions of Testosterone.
(vi) Enlist the extrapyramidal tracts.
(vii) Define and draw – Grey matter and white matter.

Q - 1   Essay Question(Any One)   [10]

(i)   Define hormones, Write down the list of Hormones released from Anterior and Posterior
       Pituitary. Describe the functions and disorders of growth hormone secretion.

(ii)   Functions of ADH and Aldosterone. Write down disorders of ADH.

Q - 2   Short Note(Any Two)   [10]

(i)   Jaundice- Definition, classification and difference.

(ii)   Addison disease and Cushing Syndrome

(iii) Digestion of Protein

Q - 3   Very Short Notes(Any Five)   [15]

(i)   Define , write down the functions and Draw diagram of UMN and LMN

(ii)   Milk Ejection reflex.

(iii) Functions of Saliva

(iv)   Functions of Bile

(v)   Effect of Exercise on Cardio Respiratory System

(vi)   Functions of thyroid Hormone and PTH in brief.

(vii) Enumerate the functions of growth hormones.

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