

National Board of Examinations

Question Paper Name : DNB Physiology Paper3

Is this Group for Examiner? : No

Enable Mark as Answered Mark for Review and Clear Response : Yes

Question Number : 1 Question Type : SUBJECTIVE

Describe Corticospinal tracts with suitable and labelled diagram. Describe various motor abnormalities that will be produced if this pathway is transected at various levels. [3+7]

Question Number : 2 Question Type : SUBJECTIVE

Describe the physiological functions of adrenal cortex. Discuss the regulation of secretions of adrenal cortex. Add a note on Addison's disease. [5+3+2]

Question Number : 3 Question Type : SUBJECTIVE

Describe the functions of Cerebellum. Draw a well labelled diagram of its connections and neural circuits within. Discuss the signs and symptoms of cerebellar disorders. [3+4+3]

Question Number : 4 Question Type : SUBJECTIVE

Describe functions of Thalamus. Write a note on thalamic syndrome. [5+5]

Question Number : 5 Question Type : SUBJECTIVE

Define pain and various methods to assess the severity of pain. Describe the endogenous analgesia system. Write a note on fibromyalgia. [3+5+2]

Question Number : 6 Question Type : SUBJECTIVE

Discuss the mechanism by which human nose is able to distinguish and identify different types of odors. Describe the abnormalities in odor detection. [6+4]

Question Number : 7 Question Type : SUBJECTIVE

Describe stages and regulation of uterine cycle. [5+5]

Question Number : 8 Question Type : SUBJECTIVE

Describe main functions, mechanism of action and regulation of Anti-diuretic hormone secretion. [3+3+4]

Question Number : 9 Question Type : SUBJECTIVE

Describe various theories of colour vision. Add a note on colour blindness. [6+4]

Question Number : 10 Question Type : SUBJECTIVE

Describe the synthesis and regulation of secretion of Thyroid hormones. Add a note on Wolff-Chaikoff effect. [4+4+2]