

EXERCISE # 1

A. Single Choice Type Questions

- Q.1** Olfactorceptors occur in -
(A) Nasal cavity (B) Buccal cavity
(C) Lungs (D) Skin
- Q.2** Photoreceptors are present in -
(A) Eyes (B) Mouth
(C) Ears (D) Brain
- Q.3** Spinal cord is part of -
(A) Autonomic nervous system
(B) Voluntary peripheral nervous system
(C) Involuntary peripheral system
(D) Central nervous system
- Q.4** Cerebellum is part of -
(A) Mid brain
(B) Fore brain
(C) Hind brain
(D) Peripheral nervous system
- Q.5** Number of cranial nerves is -
(A) 36 (B) 24
(C) 18 (D) 12
- Q.6** In human, number of spinal nerves is -
(A) 31 pairs (B) 32 pairs
(C) 33 pairs (D) 36 pairs
- Q.7** Phototropism is caused by differential distribution of -
(A) IAA (B) Kinetin
(C) Gibberellin (D) Abscissic acid
- Q.8** A natural growth inhibitor is -
(A) IAA (B) Gibberellin
(C) Cytokinin (D) Abscissic acid
- Q.9** Artificial ripening of fruits is carried out by -
(A) Auxin (B) Kinetin
(C) Ethylene (D) ABA
- Q.10** Hormone stimulating internodal length in plants is -
(A) Auxin (B) Gibberellin
(C) Cytokinin (D) ABA
- Q.11** Which one is male hormone -
(A) Estrogen (B) Adrenaline
(C) Testosterone (D) Insulin
- Q.12** Structural and functional unit of nervous system is -
(A) Nephron (B) Neuron
(C) Dendrite (D) Cyton
- Q.13** Emergency hormone is -
(A) Thyroxin
(B) Growth hormone
(C) Adrenalin
(D) Insuline
- Q.14** Select the correct match from the following -
(A) Thyroxin : Ovary
(B) Growth hormone : Pituitary
(C) Insuline : Thyroid
(D) Testosterone : Testis
- Q.15** Which of the following stimulate the tuberization in potato -
(A) Ethylene (B) Auxin
(C) Gibberelin (D) Cytokinin

EXERCISE # 2

A. Very Short Answer Type Questions

- Q.1** Write the function of hormone thyroxine in our body.
- Q.2** Name the part of hind brain which takes part in regulation of respiration.
- Q.3** Which hormone helps in lowering the level of blood Calcium in human beings.
- Q.4** Which hormone is responsible for the development of moustache and beard in man ?
- Q.5** Which type of glands in human body secrete hormones ?
- Q.6** Name the structural and functional units of human nervous system.
- Q.7** What is neuron ?
- Q.8** Name the largest cell present in human body.
- Q.9** What is the function of the hormone secreted by the endocrine gland pituitary ?

A. Short Answer Type Questions

- Q.10** Name hormones produced by Neurohypophysis.
- Q.11** Name four hormones produced by pituitary gland with function.
- Q.12** Why is pituitary gland called master gland ?
- Q.13** What is the role of oxytocin ?
- Q.14** Which hormone is called emergency hormone ?
- Q.15** Name any four receptor along with the organ in which they occur ?

Q.16 Where is medulla oblongata ? situated ?

Q.17 Write a note on ABA.

Q.18 What is reflex action ?

C. Long Answer Type Questions

Q.19 Draw a labelled diagram of brain.

Q.20 Describe the structure of neuron.

Q.21 What is reflex action ? Describe the types of reflex action with a suitable diagram.