## Chapter- 2

## Worksheet- 1

- 1. Olfactory reception is related to sense of
  - A. Smelling
  - B. Tasting
  - C. Hearing
  - D. Visions
- 2. A patient of diabetes is not producing
  - A. Insulin
  - B. Thyroxin
  - C. Oestrogen
  - D. Adrenaline
- 3. Axon are
  - A. Impulse
  - B. Cytoplasmic extension
  - C. Part of muscles
  - D. All are correct
- 4. The movement of shoot towards light is(a)geotropism(b) hydrotropism
  - (c) chemotropism (d) phototropism
- 5. Deficiency of \_\_\_\_\_ cause dwarfism.
- 6. Receptor for stimulus are present in
  - A. Stomach
  - B. Response
  - C. Sense organ
  - D. Hot objects

- 7. The main function of abscisic acid in plants is to
  (a) increase the length of cells
  (b) promote cell division
  (c) inhibit growth
  (d) promote growth of stem
- 8. CNS consists of
  - A. Brain
  - B. Spinal Cord
  - C. Both (i) and (ii)
  - D. None of these
- 9. The growth of pollen tubes towards ovules is due to
  - (a) hydrotropism
  - (c) geotropism

(b) chemotropism(d) phototropism

- The structural and functional unit of nervous system is
   A. Nephorn
  - B. Neuron
  - C. Cyton
  - D. Axon
- 11. Which hormone is responsible for the changes noticed in females at puberty?
- 12. Iodine is necessary for the synthesis of which hormone?
- 13. Name the endocrine gland associated with brain?
- 14. Which gland secretes digestive enzymes as well as hormones?

- 15. Name the endocrine gland associated with kidneys?
- 16. Draw the structure of a neuron and explain its function.
- 17. What are the major parts of the brain? Mention the functions of different parts.
- 18. Explain the role of auxin in phototropism.
- 19. What is a reflex action? Mention the role of brain in reflex actions.
- 20. Name various plant hormones. Also give their physiological effects on plant growth and development.