



THE ANSWERS MUST BE ATTEMPTED ON THE ANSWER SHEET PROVIDED

Q.1. Answer the following short questions: (6x5=30)

- 1) Differentiate between exocrine and endocrine glands?
- 2) What is lock and key model for enzymatic activity?
- 3) Differentiate between motor and sensory nerves of peripheral nervous system?
- 4) What do you know about the functions of the hormones of anterior pituitary gland?
- 5) What is the scope and application of Bio-technology?
- 6) Describe about the importance of hormones for various functioning of human body?

Q.2. Answer the following questions. (3x10=30)

- 1: Explain and draw the cell of nervous system and its various functions in detail? (10)
- 2: Define the followings (5x2= 10)
 - a) Synapse b) Prosthetic group c) Trait d) Gene e) Transferases
- 3: Differentiate between Mitosis and Meiosis in detail? (10)