

- (b) Outline the major organs of the digestive system and their functions. Describe the process of digestion and nutrient absorption? (2×9=18)

[This question paper contains 4 printed pages.]

Your Roll No.....

Sr. No. of Question Paper : 778

I

Unique Paper Code : 6322471102

Name of the Paper : Human Body-Basics-Anatomy and Physiology (DSC-2)

Name of the Course : **B.Voc. (Healthcare Management)**

Semester : I

Duration : 3 Hours

Maximum Marks : 90

Instructions for Candidates

1. Write your Roll No. on the top immediately on receipt of this question paper.
2. **All** questions carry equal marks.
3. Attempt **five** out of the seven questions.

1. Define Anatomy & Physiology explaining the subdivisions of both of them? Discuss the structural organisation of matter and the life processes important for the survival? (8,10)
2. Musculoskeletal system enables movement and maintains posture. Justify the statement explaining musculoskeletal system in detail and how it helps in movement of the body? (18)
3. Explain the physiology and anatomy of human heart with a well labelled diagram describing in detail different parts of heart and circulation of blood inside and outside of heart? Enumerate different types of circulation happening in the body? (18)

4. (a) Write difference between sympathetic and parasympathetic nervous system.
(b) Write a brief note on different type of nerves. (2×9=18)
5. Describe the anatomy and function of the male reproductive system. Include the roles of the testes and accessory organs? (18)
6. Write a short note on the following : (2×9=18)
(a) Respiratory System
(b) Excretory System
7. (a) Discuss the major endocrine glands in the human body and the hormones secreted by these glands?