

Atal Bihari Vajpayee Medical University, UP.
B.Sc. Medical Lab Technology (BMLT) - First year
FUNDAMENTALS OF ANATOMY AND PHYSIOLOGY
Paper -3 Paper code 211110203

Time: 3 hours

Total marks: 80

General instructions:

- All questions are compulsory
- Explain with diagrams where required
- The number to the right indicates full marks
- Please write the correct paper code
- Be to the point. No extra copy shall be provided

Q. 1. Write in detail about (2 x 20 = 40 marks)

a) **Write the importance of respiratory system in our body?**

Write the components of respiratory system.

b) **What are hormones? Write in details about different hormones secretion & their functions in our body?**

Q. 2. Write short answer on: (2 x 10 = 20 marks)

a) **Different types of connective tissues in our body**

b) **Urea/urine formation in our body**

Q. 3. Write short notes on: (5 x 4 = 20 marks)

a) **Classification of muscles in our body**

b) **Role & importance of skin in our body**

c) **Neuro muscular junction**

d) **Functions of lungs in our body**

e) **Process of digestion of biomolecules?**

Total time allotted 3 hours

20th April 2022