



XI-SCI : Biology
Animal Tissues,

DATE:

TIME: 1 hour 30
minutes

MARKS: 25

SEAT NO:

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Note:-

1. All Questions are compulsory.
2. Numbers on the right indicate full marks.

Section A

Q.1 Select and write the correct answer.

(4)

1. Which among the following epithelial tissues are found in ear, nose and eyes?
A) Ciliated B) Columnar
C) Glandular D) None of the above
2. Cartilage becomes rigid due to deposition of salts in the matrix.
A) Calcified B) Fibrocartilage
C) Elastic D) None of the above
3. Which of the following statements are false?
A) Epithelial tissue is found in blood vessels, alveoli and coelom
B) Simple epithelium is made up of single layer of cells
C) Epithelial tissue is classified into simple and compound.
D) None of the above
4. Which of the following epithelial tissue are found in inner lining of intestine?
A) Columnar B) Ciliated
C) Glandular D) All of the above

Q.2 Answer the following.

(3)

1. Sharad touched a hot plate by mistake and took away his hand quickly. Can you recognize the tissue and its type responsible for it?
2. Name the epithelial tissue that fit like tiles of footpath.
3. Write a short note on the functions of areolar and adipose tissue.

Section B

Attempt any Four

- Q.3 Priya got injured in an accident and hurt her long bone and later on she was also diagnosed with anaemia. What could be the probable reason? **(2)**
- Q.4 Short Answer Questions: **(2)**
Supriya stepped out into the bright street from a cinema theatre. In response her eye pupil shrunk. Identify the muscle responsible for the same.
- Q.5 What is cell junction? Describe different types of cell junction. OR How do cell junctions help in functioning of epithelial tissue? **(2)**
- Q.6 Write a short note on the Hyaline cartilage. **(2)**
- Q.7 Describe the structure of multipolar neuron. **(2)**

Q.8 When do the transitional cells change their shape? (2)

Section C
Attempt any Two

Q.9 Enlist the functions of the bone. (3)

Q.10 Differentiate between medullated and non-medullated fibre. (3)

Q.11 Write a note on glandular epithelial tissue. (3)

Section D
Attempt any One

Q.12 Explain the structure of neuron with a detailed diagram. (4)

Q.13 Long answer questions. (4)
Explain the basic structure of epithelial tissue and mention its types.