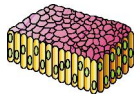


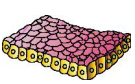


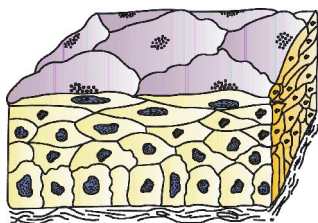
TOPIC : ANIMAL TISSUE

LECTURE-01

- In multicellular animals, a group of similar cells along with intercellular substances perform a specific function. Such an organisation is called:
 - Epithelium
 - Organ
 - Tissue
 - Organ system
- Match the columns I, II and III and choose the correct combination from the options given.

	Column I	Column II	Column III
a.		1. Squamous epithelium	K. Ducts of glands
b.		2. Cuboidal epithelium	L. Fallopian tubes
c.		3. Columnar epithelium	M. Air sacs of lungs
d.		4. Ciliated columnar epithelium	N. Lining of stomach

- (1) a – 3 – K, b – 2 – M, c – 1 – N, d – 4 – L
 (2) a – 4 – N, b – 1 – K, c – 3 – L, d – 2 – M
 (3) a – 3 – N, b – 1 – M, c – 4 – L, d – 2 – K
 (4) a – 3 – N, b – 1 – M, c – 4 – K, d – 2 – L
- The epithelium of of nephron in the kidney has microvilli.
 - PCT
 - DCT
 - Henle's loop
 - Collecting duct
 - Read the following statements and find out how many these are related to given figure.



- Multilayered epithelium
 - Limited role in secretion and absorption
 - Main function is to provide protection against chemical and mechanical stresses.
 - They cover the dry surface of skin, moist surface of buccal cavity and pharynx.
- (1) Four (2) Three (3) Two (4) One

- On the basis of mode of pouring of their secretions, glands are divided into.
 - Two categories – exocrine and endocrine glands
 - Three categories – holocrine, merocrine and apocrine glands
 - Two categories – unicellular and multicellular
 - Both (1) and (3)
- Which of the following connective tissue often serves as a support framework for epithelium?
 - Areolar tissue
 - Adipose tissue
 - Dense regular connective tissue
 - Dense irregular connective tissue
- The excess of nutrients which are not used immediately are converted into fats and stored in
 - Areolar tissue
 - Adipose tissue
 - Dense regular connective tissue
 - Dense irregular connective tissue
- Mucus, saliva, earwax, oil, milk and digestive enzymes are secreted by
 - Exocrine glands
 - Endocrine glands
 - Heterocrine glands
 - Compound glands
- The epithelium found in the lining layer of stomach and intestine is
 - Columnar
 - Squamous
 - Stratified
 - Pseudostratified
- Which of the following epithelium is present in the inner surface of hollow organs like bronchioles and fallopian tubes?
 - Squamous epithelium
 - Cuboidal epithelium
 - Columnar epithelium
 - Ciliated epithelium