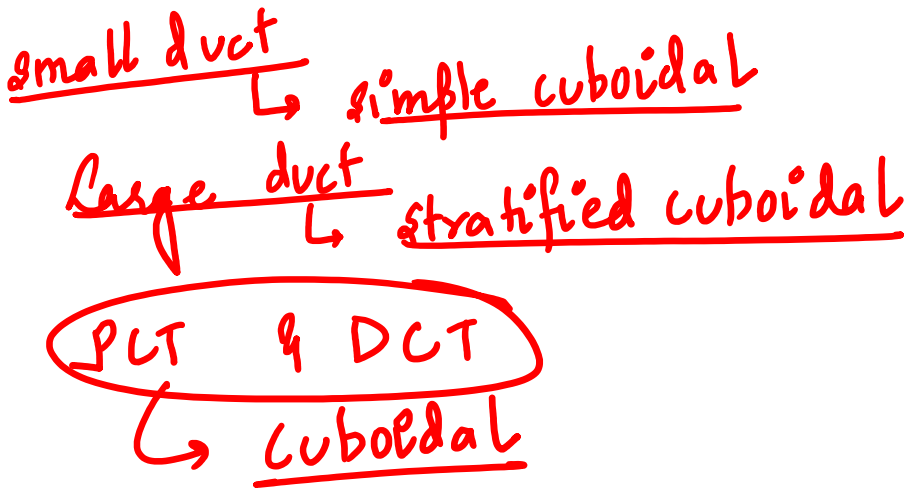
1. Epithelium present in ducts of glands and tubular parts of nephrons

(a) Columnar (b) Stratified

(c) Cuboidal (d) Squamous



2. Read the following statements and answer the question.

(i) It is made of a single thin layer of flattened cells with irregular boundaries.

(ii) They are found in the walls of blood vessels and air sacs of lungs.

(iii) They are involved in forming a diffusion boundary.

Which of the following tissue is being described by the above statements?

(a) Squamous epithelium

(b) Columnar epithelium

(c) Ciliated epithelium

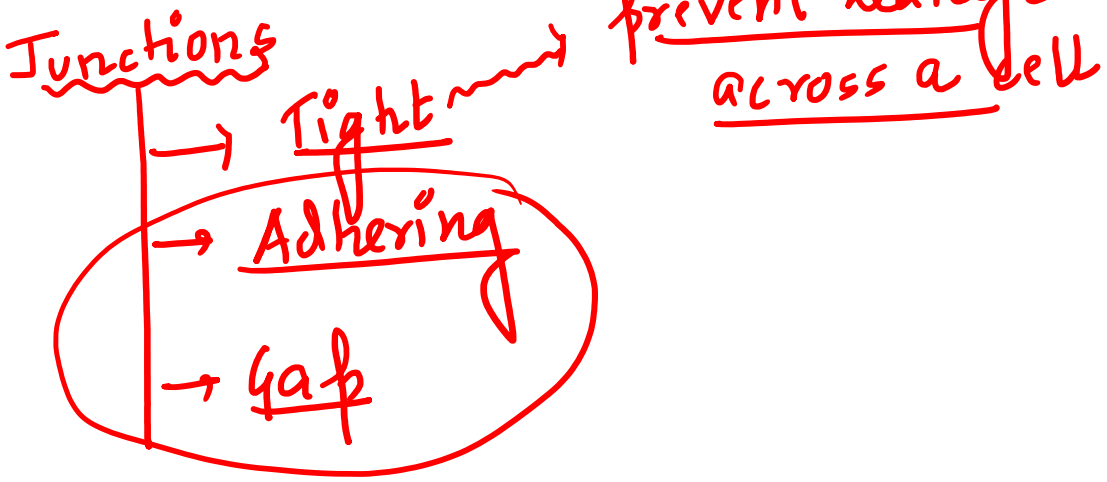
(d) Compound epithelium

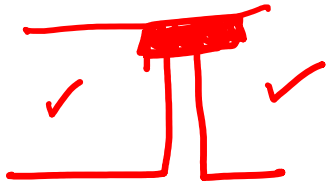
Simple Squamous

3. Match the terms given in column – I with their feature given in column II and choose the correct option.

	Column-I (Terms)		Column-II (Features)
A.	Exocrine gland	I.	They help to stop substances from leaking across a tissue
B.	Endocrine gland	II.	Hormones are secreted directly into the fluid bathing the glad
C.	Tight junctions	III.	They perform cementing to keep neighbouring cells together
D.	Adhering junction	IV.	Secretes mucus, saliva, Earwax, oil, milk, digestive enzymes

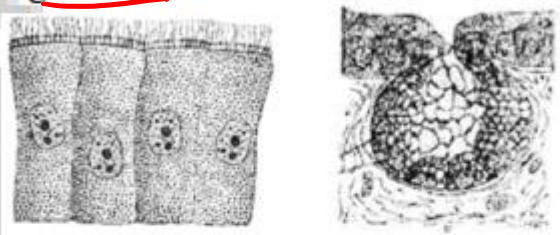
(a) A-IV; B-II; C-I; D-III
(b) A-II; B-IV; C-I; D-III
(c) A-IV; B-II; C-III; D-I
(d) A-IV; B-I; C-II; D-III





duct

4. A student was given sample of two tissues. He observed the tissues under the microscope and draws their figures as 1 and 2 given below.



1

2

Identify the tissues 1 and 2

(a) 1 Columnar cells bearing cilia 2 Unicellular glandular epithelium

(b) 1 Cuboidal cells bearing cilia 2 Multicellular glandular epithelum

(c) 1 Compound cells bearing cilia 2 Unicellular glandular epithelium

(d) 1 Columnar cells bearing cilia 2 Multicellular glandular epithelium

→ Ciliated Columnar

→ Multicellular glandular epithelium

5. Brush bordered epithelium is found in

(a) Fallopian tube (b) Small intestine

(c) Stomach (d) trachea

Microvilli

ciliated

simple columnar

6. The junction, which helps to stop substances from leaking across a tissue is

(a) gap junction

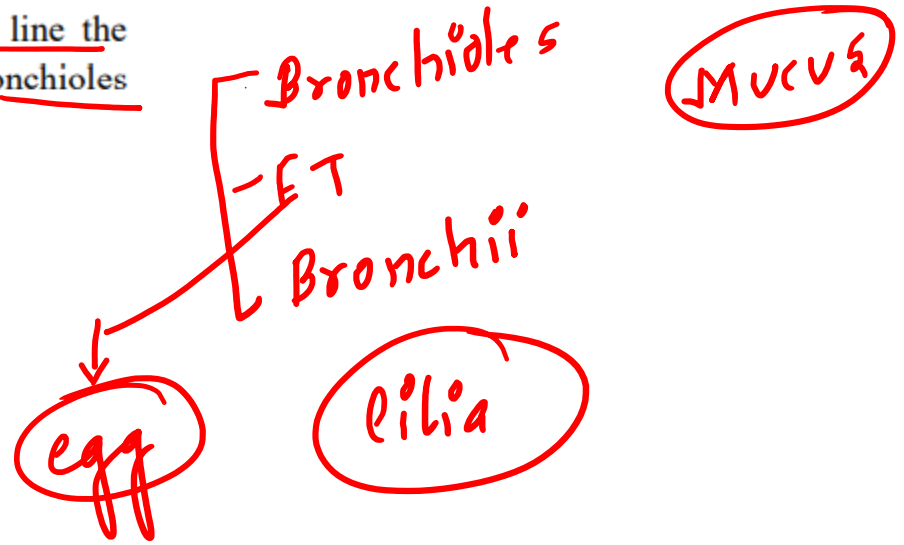
(b) tight junction

(c) adhering junction

(d) All of these

7. The type of epithelial cells, which line the inner surface of Fallopian tubes, bronchioles and small bronchi is known as

(a) Squamous epithelium
(b) columnar epithelium
(c) ciliated epithelium
(d) cubical epithelium



8. Which of the following is a false statement?

(a) Compound squamous epithelium lines in the pancreatic duct of human → F

(b) Stratified epithelial lining is found in intestine → F

(c) The plasma membrane of intestinal cells are modified into microvilli → T

(d) Both (a) and (b)

Compound

Pancreatic duct

Stratified cuboidal

Intestine → Brush Bordered

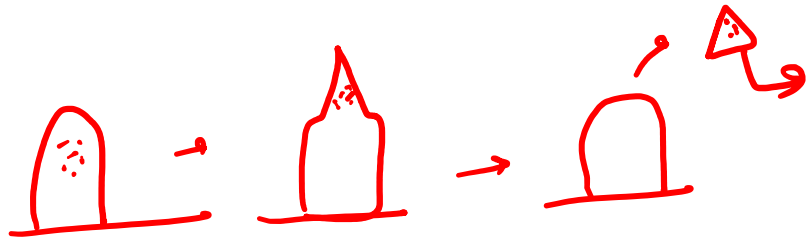
9. Which of the following is not correctly matched?

(a) Apocrine gland – Mammary glands

(b) Serous gland – Sweat gland

(c) Mucus gland – Goblet cells

(d) Mixed gland – Salivary gland



Serous → Secretory

Sweat → Sudorific gland

Endo + Exo

Multi

10. Pseudostratified epithelium is found in

(a) oesophagus (b) respiratory tract

(c) urinary tract (d) kidney