

Yakeen NEET 2.0 2026

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Structural Organization in Animals

DPP: 3

- Q1** Secretions of exocrine glands does not include
 (A) Sebum (B) Trypsin
 (C) Insulin (D) Sweat
- Q2** The cuboidal epithelial cells have microvilli which increase absorptive surface area is:
 (A) small intestine.
 (B) oviduct.
 (C) proximal convoluted tubule.
 (D) Both (A) & (C)
- Q3** Given below is diagrammatic representation of modified epithelial tissue:



Choose the **incorrect** option w.r.t. the secretion of the given tissue.

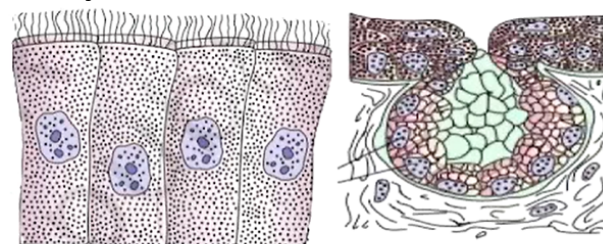
- (A) Saliva (B) Mucus
 (C) Ear wax (D) Milk
- Q4** The main function of simple cuboidal epithelium is
 (A) Diffusion
 (B) Secretion and absorption
 (C) Protection
 (D) Diffusion and protection

- Q5** Which among of the following gland releases both exocrine and endocrine secretions?
 (A) Pancreas
 (B) Adrenal gland
 (C) Pituitary gland
 (D) Thyroid gland

- Q6** Goblet cells of alimentary canal are modified from
 (A) Columnar epithelial cells
 (B) Chondrocytes
 (C) Compound epithelial cells
 (D) Squamous epithelial cells

- Q7** Cuboidal epithelium with brush border of microvilli is found in
 (A) Ducts of salivary glands
 (B) Proximal convoluted tubule of nephron
 (C) Eustachian tube
 (D) Lining of intestine

- Q8** 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. Identify the tissues 1 and 2



(1)

(2)

Identify the tissues 1 and 2



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- (A) 1-Columnar cell bearing cilia; 2-Unicellular glandular epithelium
 (B) 1-Cuboidal cell bearing cilia; 2-Multicellular glandular epithelium
 (C) 1-Compound cells bearing cilia; 2-Unicellular glandular epithelium
 (D) 1-Columnar cell bearing cilia; 2-Multicellular glandular epithelium

Q9 Brush bordered epithelium is found in

- (A) Fallopian tube
 (B) Small intestine
 (C) Stomach
 (D) Trachea

Q10 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) Cuboidal epithelium

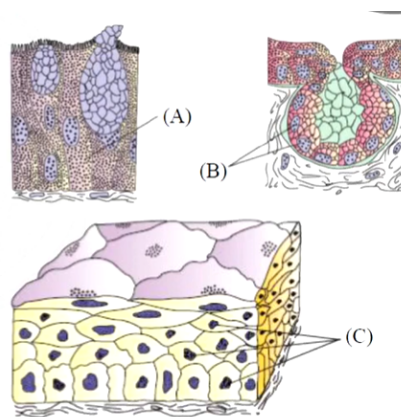
Q11 Goblet cells of alimentary canal are a type of:

- (A) sweat gland.
 (B) multicellular gland.
 (C) unicellular gland.
 (D) None of these

Q12 Ductless glands in human beings produce:

- (A) saliva. (B) bile.
 (C) hormones. (D) mucus.

Q13 Identify A, B and C in given figures and choose the **correct** combination of options.



- (A) A-Unicellular gland, B-Multicellular glands, C-Compound epithelium
 (B) A-Multicellular gland, B-Unicellular glands, C-Squamous epithelium
 (C) A-Goblet gland, B-Multicellular glands, C-Columnar epithelium
 (D) A-Flattened cell, B-Multilayered cells, C-Transitional epithelium

Q14 Oesophagus, buccal cavity and pharynx consists of _____ type of tissue

- (A) Ciliated columnar epithelium
 (B) Columnar epithelium
 (C) Simple cuboidal epithelium
 (D) Non-keratinised stratified squamous epithelium

Q15 Which of the following is the main function of compound epithelium?

- (A) Provides protection against chemical and mechanical stresses
 (B) Aids in rapid transfer of ion
 (C) Secretion and absorption
 (D) Moves particles or mucus in a particular direction

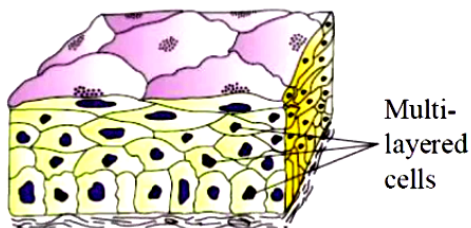
Q16 Cells of glandular epithelium are _____ or _____ get specialized for secretion.

- (A) Squamous, cuboidal
 (B) Columnar, squamous



- (C) Cuboidal, columnar
(D) Compound, simple

Q17 Some statements are given about the type of tissue shown below:



- (a) This tissue has a limited role in secretion and absorption.
(b) It is mainly involved in formation of diffusion boundary.
(c) Present in the lining of blood vessels.
(d) Only lowermost cell layer is in contact with basement membrane.

How many of the statements are incorrect?

- (A) One (B) Two
(C) Three (D) Four
- Q18** Cuboidal epithelium is found in
(A) Duct of glands
(B) Thyroid follicle
(C) Germinal epithelium of ovary
(D) All of the above
- Q19** Choose incorrect match:
(A) Columnar epithelium- Absorption and secretion
(B) Cuboidal epithelium- Secretion and resorption
(C) Squamous epithelium- Filtration and exchange of gases
(D) Simple epithelium- Two or more layers
- Q20** Match the column and choose the correct option

	Column I		Column II
P	Brush border	i	Moist surface of buccal cavity
Q	Compound epithelium	ii	Proximal convoluted tubule
R	Simple cuboidal epithelium	iii	Wall of blood vessels
S	Simple squamous epithelium	iv	Germinal epithelium

- (A) (P)-(i); (Q)-(ii); (R)-(iii); (S)-(iv)
(B) (P)-(ii); (Q)-(i); (R)-(iv); (S)-(iii)
(C) (P)-(iii); (Q)-(iv); (R)-(ii); (S)-(i)
(D) (P)-(iv); (Q)-(i); (R)-(iii); (S)-(ii)

Q21 Trapped dust particles are pushed out of respiratory tract by

- (A) Squamous epithelium
(B) Glandular epithelium
(C) Ciliated epithelium
(D) Compound epithelium

Q22 Match the following

	Column I		Column II
(P)	Squamous epithelium	(i)	Lining of intestine
(Q)	Cuboidal epithelium	(ii)	Ovary
(R)	Columnar epithelium	(iii)	Blood vessels
(S)	Ciliated epithelium	(iv)	Bronchioles

- (A) (P)-(i); (Q)-(ii); (R)-(iii); (S)-(iv)
(B) (P)-(iii); (Q)-(ii); (R)-(i); (S)-(iv)
(C) (P)-(iii); (Q)-(iv); (R)-(i); (S)-(ii)
(D) (P)-(i); (Q)-(iv); (R)-(iii); (S)-(ii)



Answer Key

Q1 (C)

Q2 (C)

Q3 (B)

Q4 (B)

Q5 (A)

Q6 (A)

Q7 (B)

Q8 (D)

Q9 (B)

Q10 (C)

Q11 (C)

Q12 (C)

Q13 (A)

Q14 (D)

Q15 (A)

Q16 (C)

Q17 (B)

Q18 (D)

Q19 (D)

Q20 (B)

Q21 (C)

Q22 (B)

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