



# ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

## WORK SHEET – 13 (SOLUTIONS)

Class: IX

Sub: LIFE SCIENCE

Date: 21.04.2020

Topic: Animal tissues : Epithelial tissues and it's types

F.M. : 15

**Choose the correct option:**

**(1x15=15)**

- The tissue that forms the outer and inner covering of our body:  
a) Connective tissue b) Epithelial tissue c) Muscular tissue d) all of these  
**Answer: Epithelial tissue (b)**
- Which one is not a characteristic of epithelial tissue :  
a) Closely packed b) presence of basement membrane c) matrix has protein fibres  
d) none of these  
**Answer: Matrix has protein fibres (c)**
- Simple epithelium consists of the following categories:  
a) Simple squamous epithelium b) simple cuboidal epithelium c) simple columnar  
epithelium d) All of these  
**Answer: All of these (d)**
- What is not the function of epithelial tissue:  
a) Transports oxygen and nutrients b) Absorption and secretion of hormones c)  
Acts as a filtering membrane d) Protects underlying tissues  
**Answer: Absorption and secretion of hormones (b)**
- Hardest epithelial tissue present in our bodies:  
a) skin b) covering of trachea c) enamel d) dentine  
**Answer: Enamel (c)**
- Simple squamous epithelium is found in:  
a) Alveoli of the lungs b) thyroid gland c) passage of fallopian tube d) None of  
these  
**Answer : Alveoli of the lungs (a)**
- Filtering membrane of Bowman's Capsule is made up of:  
a) Stratified squamous epithelium b) Simple squamous epithelium c) cuboidal  
epithelium d) simple columnar epithelium  
**Answer: Simple squamous epithelium (b)**

8. Stratified epithelium does not include the following type of epithelium:  
a) Stratified squamous b) Stratified fibroblast c) stratified columnar d) stratified cuboidal

**Answer: Stratified fibroblast (b)**

9. The cells are pillar like in shape in the following epithelium:  
a) Simple squamous b) Simple columnar c) Stratified columnar d) Both (b) and (c)

**Answer: Both (b) and (c) (d)**

10. Cells present in the fallopian tube and ventricles of the brain are:  
a) Simple columnar epithelium b) Simple ciliated epithelium c) Simple squamous epithelium d) none of these

**Answer: Simple ciliated epithelium (b)**

11. The hair like processes present on cuboidal or columnar epithelium are called:  
a) flagella b) cilia c) pili d) Both (a) and (b)

**Answer: Cilia (b)**

12. The function of ciliary epithelium present in the inner wall of the trachea is to:  
a) Waft away foreign particles b) secretion of enzymes c) absorption of nutrients d) filtration

**Answer: Waft away foreign particles (a)**

13. The type of epithelial cells which make up the different glands :  
a) Simple cuboidal epithelium b) short columnar epithelium c) Both (a) and (b) d) Ciliated epithelium

**Answer: Both (a) and (b) (c)**

14. Absorption and secretion are the main functions of which type of epithelium?  
a) Simple squamous b) simple ciliated c) simple columnar d) All of these

**Answer: Simple columnar (c)**

15. Skin is made up of:  
a) Stratified cubical epithelium b) Stratified squamous (cornified) epithelium c) Stratified squamous (non cornified) epithelium d) Stratified columnar epithelium

**Answer: Stratified squamous (cornified) epithelium (b)**

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