

College of Education Biology Department	Midterm Examination 2024-2025	Subject : Histology Time: 1 hour.
Name:		group:

Q1/ A- Enumerate the followings:

(20 Marks)

1- Types of glands according to presence or absence of duct with example for each one.

2- Types of sectioning, which one is faster?

Q2/ What type of epithelial tissue is found in the following body parts?

(15 Marks)

- 1- Epididymis
- 2- Small intestine
- 3- Sweat gland
- 4- Urinary bladder
- 5- Larynx

Q3/Write the name of the substances used in the following stages of tissue processing: (15 Marks)

- 1- Fixation
- 2- Dehydration
- 3- Clearing
- 4- Embedding
- 5- Staining

Q4/ Mention the differences between each of the following:

(30 Mark)

A. cilia and steriocilia (2 differences)

cilia	steriocilia
1-	1-
2-	2-

B. Tight junction and gap junction (2 differences).

Tight junction	Gap junction
1-	1-
2-	2-

C. Autopsy and biopsy (1 difference)

Autopsy	Biopsy
1-	1-

Q5/ Draw and label the followings,

what is the function of them?

(20 Marks)

1- Hemidesmosome:

B- Goblet cell:

Good luck

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