

KALYAN COLLEGE OF NURSING RAJURA, CHANDRAPUR

DURATION: -2HR

BASIC B.SC 1st SEMESTER

MAXIMUM MARK:-50

SUBJECT : - ANATOMY & PHYSIOLOGY

MID TERM EXAMINAION

Q.1] MULTIPLE CHOICE QUESTION.

[10X1=10MARK]

1) Which of the following cell organelle provide energy for function of the cell?

- | | |
|--------------|-----------------|
| A) Lysosomes | B) Centriole |
| B) Cilia | D) Mitochondria |

2) Mechanism of urine formation is:

- | | |
|---------------|-----------------|
| A) Filtration | B) Absorption |
| C) Secretion | D) All of these |

3) The part of the large intestine that the join to the rectum is called.

- | | |
|---------------------|---------------------|
| A) Ascending colon | B) Transverse colon |
| C) Descending colon | D) Sigmoid colon |

4) Trachea is lined by:

- | | |
|-----------------------------------|---|
| A) Stratified squamous epithelium | B) Ciliated columnar epithelium |
| C) Simple columnar epithelium | D) Pseudo stratified columnar ciliated epithelium |

5) Which part of intestine contain Brunner's gland?

- | | |
|------------|-------------|
| A) Ileum | B) Duodenum |
| C) Jejunum | D) Colon |

6) The functional unit of the kidney is called:

- | | |
|---------------------|-------------------------|
| A) Bowman's capsule | B) Malphigian corpuscle |
| C) Pyramid | D) Nephron |

7) Permanent over distension of alveoli is known as:

- | | |
|-----------------|--------------|
| A) Emphyema | B) Emphysema |
| C) Pneumothorax | D) Dyspnoea |

8) Microtubules are not present in:

- | | |
|--------------|---------------|
| A) Centriole | B) Flagella |
| C) Cilia | D) Microvilli |

9) Cardiac sphincter is situated at:

- | | |
|----------------------|-------------------|
| A) Heart | B) Diaphragm |
| C) End of oesophagus | D) End of stomach |

10) Which of the following nerve innervates the costal pleura?

- | | |
|---------------|----------------|
| A) Vagus | B) Intercostal |
| C) Splanchnic | D) Bronchial |

SECTION – A (ANATOMY)

Q.2] BREIF ANSWER QUESTION (ANY 3) [2X3=6 MARK]

- 1) Enumerate parts of the nephron.
- 2) What are types of tissue?
- 3) Name the quadrants of the abdomen.
- 4) Define dyspnoea.

Q.3] SHORT ANSWER QUESTION (ANY 1) [1X5=5 MARK]

- 1) Components of digestive system.
- 2) Explain the cell membrane.

Q.4] LONG ANSWER QUESTION (ANY 1) [1X10=10 MARK]

- 1) Define respiratory system? List down the organs of the respiratory system and write in details about lungs?
- 2) Define mitosis? What are the cell organelles? Discuss in the details.

SECTION – B (PHYSIOLOGY)

Q.1] BREIF ANSWER QUESTION (ANY 2) [2X2=4 MARK]

- 1) Enumerate the part of the pharynx.
- 2) Define Tidal volume with normal volume.
- 3) Define chromosome.

Q.2] SHORT ANSWER QUESTION (ANY 1) [1X5=5 MARK]

- 1) Describe the cell cycle.
- 2) Explain in details about salivary gland and function of saliva.

Q.3] LONG ANSWER QUESTION (ANY 1) [1X10=10 MARK]

- 1) Define excretory system? Draw a neat diagram of urinary system and discuss the role of kidney in excretion of waste products from body.
- 2) Name the parts of digestive system and discuss the accessory of digestive system.

Described the stomach under the following heading

1. Parts
2. Blood supply.
3. Lymphatic drainage
4. Applied physiology

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