

<b>Date of Examination</b>



<b>No of Questions</b>	<b>25</b>
<b>No. of Pages</b>	<b>00</b>

**GENERAL SIR JOHN KOTELAWALA DEFENCE UNIVERSITY**

**SELECTION TEST TO ENROLL STUDENTS FROM THE UGC LIST TO FOLLOW THE  
MBBS DEGREE PROGRAMME**

**Subject Knowledge**

Call up No:- .....

**Duration: 20mnts**

NIC No:- .....

**General Instructions:**

Answer **all questions**.

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1. Vitamin E deficiency results
  - A. Night blindness
  - B. Darker skin
  - C. Rickets
  - D. Malabsorption
  - E. Scurvy
  
2. A virus **not** belongs to family Coronaviridae
  - A. Some of the common cold virus
  - B. SARS
  - C. MERS
  - D. Polio
  - E. Covid 19
  
3. Malaria is transmitted by the bite of
  - A. Aedes mosquito
  - B. Anopheles mosquito
  - C. Culex mosquito
  - D. Mansonia mosquito
  - E. Armigeres mosquito

4. Protein synthesis in a cell is takes place at
- A. Golgi apperature
  - B. Nucleus
  - C. Ribosone
  - D. Lysosome
  - E. Cytoplasm
5. Which of the following is NOT a hormone?
- A. Testosterone
  - B. Pepsin
  - C. Somatotropin
  - D. Progesterone
  - E. Prolactin

6. Consider the following micro-organisms
- i. *Streptococcus. lactis*
  - ii. *Clostridium tetani*
  - iii. *Lactobacillus species*

Which of the above microorganism is/are used in curd production?

- A. i only
  - B. i and iii only
  - C. i and ii only
  - D. ii only
  - E. ii and iii only
7. A FALSE statement regarding human sense organs
- A. Normal hearing range of human ear is 20 – 20 000 Hz
  - B. Cone cells in the eye are work well in bright light.
  - C. Taste buds for sweets in the tongue is concentrated on the tip of the tongue
  - D. Highest concentration of thermo receptors is found in hands
  - E. In the retina of the eye, produce an inverted image of an objective.
8. Which one of the following combinations is correctly matched?
- A. Germ theory of disease - Alexander Fleming

- B. DNA structure - Wilhelm Roentgen
- C. Penicillin - Edward Jenner
- D. X-ray - James Watson
- E. Blood circulation - William Harvey

9. Base Thymine (T) of DNA of an organism forms 23.3% of its composition. The Base composition of DNA is

- A. A = T is 23.3% and G = C is 23.3%
- B. A = T is 26.7% and G = C is 26.7%
- C. A = T is 23.3% and G = C is 26.7%
- D. A = T is 26.7% and G = C is 23.3%
- E. A = T is 23.3% and G = C is 76.7%

10. Chemical formula of cellulose

- A.  $(C_5H_{10}O_5)_n$
- B.  $(C_5H_{10}O_6)_n$
- C.  $(C_6H_{12}O_6)_n$
- D.  $(C_6H_{10}O_5)_n$
- E.  $(C_6H_6O_5)_n$