

Date: 20-02-2018

Reg No:

KARNATAKA STATE DIPLOMA IN NURSING EXAMINATION BOARD
FEBRUARY-2018 GNM SUPPLEMENTARY EXAMINATION
1ST YEAR GNM PAPER-I BIO-SCIENCE (Anatomy, physiology and Microbiology)
(Note : Draw Diagram wherever necessary)

Time : 3 Hours

Max Marks : 75

2.00 p.m. to 5.00 p.m.

SECTION-I

- I FILL IN THE BLANKS:** **1 X 4 = 4**
- a) The blood is a _____ tissue
b) The retina is a _____ layer of eye
c) The space between lungs is called _____
d) Taste buds contain _____ receptors
- II WRITE THE MEANING OF THE FOLLOWING:** **1 X 4 = 4**
- a) Pasteurization b) Mitosis c) Immunity d) Fertilization
- III WRITE SHORT NOTES ON ANY FOUR OF THE FOLLOWING:** **4 X 4 = 16**
- a) Structure of Ear b) Structure of Neuron
c) Epithelial tissue d) Synovial joints e) Structure of Liver
- IV** a) List the Endocrine glands **3 + 4 = 7**
b) Describe the structure of Thyroid gland
- V** a) Define Sterilization **1 + 2 + 4 = 7**
b) List the types of Sterilization
c) Explain Autoclaving method of Sterilization

SECTION-II

- VI STATE WHETHER THE FOLLOWING STATEMENTS ARE TRUE OR FALSE:** **1 X 4 = 4**
- a) Clostridium tetani is a causative organism of tetanus
b) Peritoneum is a covering layer of heart
c) Rabies is a zoonotic disease
d) Total bones of our body is 250
- VII CHOOSE THE CORRECT ANSWERS FROM THE FOLLOWING:** **1 X 3 = 3**
- a) Rickets is caused by deficiency of
 i) Vitamin-A ii) Vitamin-D iii) Vitamin-C
b) The longest bone in human body is
 i) Stapes ii) Femur iii) Humerus
c) Act of swallowing is called
 i) Deglutition ii) Mastication iii) Propulsion
- VIII WRITE SHORT NOTES ON ANY FOUR OF THE FOLLOWING:** **4 X 4 = 16**
- a) Nosocomial infection b) Physiology of respiration
c) Cranial nerves d) Blood groups
e) Menstrual cycle
- IX** a) Define cardiac cycle **3 + 4 = 7**
b) Explain stages of cardiac cycle
- X** a) Draw a neat diagram of urinary system **3 + 4 = 7**
b) Explain the functions of kidney

OR

- a) Draw a neat diagram of Skin
c) Explain the functions of Skin

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