

KARNATAKA STATE DIPLOMA IN NURSING EXAMINATION BOARD
GNM ANNUAL EXAMINATION - August 2015
1st Year Paper – I Bio-Science { Anatomy, Physiology and Microbiology }
[Note: Draw diagrams wherever necessary]

Time: 3 hours

Max. Marks: 75

SECTION-I

- I. Give the Meaning of the following** 1x4=4
- a) Ingestion b) Larynx c) Anatomy d) Trachea
- II. Fill in the Blanks** 1x4=4
- a) _____ is the hormone secreted by Thymus gland
 b) The life span of RBC is _____ days.
 c) _____ is called as the power house of the cell
 d) Typhoid is caused by _____
- III. Write short notes on any FOUR of the following** 4x4=16
- a) Structure of the Ovary b) Structure of Brain c) Bones of upper limb
 d) Innominate bone e) Gall bladder
- IV. a) List the organs of digestive system.** 3+4=7
b) Explain the structure of stomach with a neat labeled diagram
- V. a) Name the organs of Nervous system.** 2+5=7
b) Explain the structure of Brain with neat labeled diagram.
- SECTION – II**
- VI. State whether the following statements are TRUE or FALSE** 1x3=3
- a) Bile is secreted by the stomach.
 b) Heart is situated in the Mediastinum.
 c) Optic Nerve is the second cranial nerve in our body.
- VII. Choose the correct answer and write** 1x4=4
- a) Tear producing glands are
 i) Sebaceous ii) Lacrimal iii) Salivary Gland
 b) The fertilization takes place in the
 i) Uterus ii) Cervix iii) Fallopian tube
 c) The pace maker of the heart is
 i) A V Node. ii) S A Node iii) Lymph Node
 d) The organ of taste is
 i) Skin ii) Tongue iii) Nose
- VIII. Write short notes on any FOUR of the following** 4x4=16
- a) Metabolism of Carbohydrates b) Process of Urine formation
 c) Classification of Bacteria d) Functions of Liver
 e) Physiology of Respiration.
- IX. a) What is Asepsis** 2+5=7
b) Explain the method of Medical and Surgical Asepsis.
- X. a) Draw a neat labeled diagram of the Heart** 3+4=7
b) Explain the Blood Circulation.

