



SCHOOL OF NURSING

2nd TERMINAL EXAMINATION

COURSE - GNM

TIME – 2 HOURS

SUBJECT –BIO SCIENCE (ANATOMY AND PHYSIOLOGY + MICROBIOLOGY)

TOTAL MARKS -50

Instructions to the Candidates:

- Read the question paper very carefully.
- Start writing from 2nd page onwards; **don't write on the 1st Page Backside.**
- Do not write anything except your Roll No. on the question paper.

Possession of **Mobile Phones** or any kind of **Written Material, Arguments with the Invigilator or Discussing with Co-Student** will come under **Unfair Means** and will **Result** in the **Cancellation of the Paper**

ALL THE QUESTIONS ARE TO BE ANSWERED MANDATORY

Q1. Long Questions.

(7+5+3= 15)

What are main parts of Brain? Describe the structure of neuron? List the cranial nerve?

Q2. Short Questions.

(5x4=20)

- a. What is immunity? Describe the different types of immunity?
- b. What do you mean by hypersensitivity?

c. Describe the structure of bacteria cell?

d. Describe female external genitalia?

Q3. True and False

(1x5=5)

a. The fluid derived from blood travelling through the lymphatic vessels is known as “lymph”.

b. Comma shaped bacteria are known as vibrio.

c. ELISA is an immunological disorder.

d. The hormones gastrin and secretin are made in the lining of the stomach and “kidney”.

e. Food is contained in the gastrointestinal tract from the time of ingestion until it is completely digested and the waste prepared for elimination.

Q4. Fill in the blanks.

(1x5=5)

a) _____ carries urine from the kidneys to the bladder?

b) In _____ part of respiratory system, gaseous exchange takes place.

c) _____ receptors are responsible for detecting smell?

d) Blood in the right atrium flows through _____ valve into right ventricle.

e) _____ is pigments that determine skin color.

Q5. Match the following.

(1x5=5)

a. Bowman’s capsule

a. cochlea

b. Anaphylaxis

b. Glomerulus

c. Inner ear

c. male reproductive organ

d. Prostate gland

d. type –I hypersensitivity

e. pyloric sphincter

e. stomach

-----* * *-----