



SCHOOL OF NURSING, ARKA JAIN UNIVERSITY

PRE COUNCIL EXAMINATION

COURSE - GENERAL NURSING & MIDWIFERY

Roll No:

SUBJECT - BIOSCIENCES

TOTAL MARKS -75 MARKS

Time: 3 HOURS

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 Papers.**

I. Answer the following Question

1) Draw a labelled diagram cell showing its cell organelles and their function. Define tissue and its types in details.

(5+5+5+5=20 marks)

OR

1. a) Different between sympathetic and parasympathetic nervous system.
(5+5+5+5=20 marks)

b) What is cranial nerve. write their name with its function

c) Draw a well labelled diagram of eye and write function of their parts

II. Short answer type questions. (5X5=25 marks)

- 1) Write a short note about Nephron
- 2) Name the parts of the respiratory system and describe it.
- 3) What are nosocomial infections. B. how will you prevent cross infection in hospital.
- 4) write a short note about microscope
- 5) Define immunity? Explain the types of immunity

III. Define the following (5X2=10 marks)

- a) what is asepsis? Explain the method of medical and surgical asepsis?
- B) Pasteurization
- C) Neurons
- D). Internal female reproductive organs
- E) Bio-medical waste

IV. Write True or False (1X10=10 marks)

1. The pulmonary artery carries oxygenated blood.
2. Lungs are situated in the abdominal cavity.
3. Liver is the biggest gland of the body.

4. HCL is secreted in the stomach.

5. The length of oesophagus is 10 inches.

6. The skin is a membrane, organ and a system.

7. Exocrine glands are ductless glands.

8. Pulmonary arteries carry deoxygenated blood.

9. Retina is the innermost layer of the eye.

10. C.S.F fluids acts as water cushion to support the brain and spinal cord

V. Fill in the blanks

(1X10=10 marks)

- A) The scientist who first described cells was _____.
- B) The organs of the body are lined with a type of tissue known as _____.
- C) _____ The largest gland in the human body is.....
- D) Typhoid is caused by
- F) is called as the power house of the cell
- F) The bone of the lower jaw is called
- G) Life span of RBC is..... Days.
- H) Master gland in the human body is called.....
- I) Pleura is covering of.....
- J) blood group is universal recipient.