

**WEST BENGAL NURSING COUNCIL**  
FIRST YEAR GENERAL NURSING & MIDWIFERY (3 YRS) EXAMINATION

DECEMBER - 2023

SUBJECT : BIO SCIENCE (PAPER-I)

(SUBJECTIVE)

FULL MARKS – 75

TIME ALLOWED : 3 HOURS

(Answer the following questions)

1. (a) List down the different parts of respiratory system with diagram. 8+7=15  
(b) Describe the mechanism of respiration.
  
2. (a) Write down the difference between endocrine and exocrine gland.  
(b) List down the different endocrine glands of the body. 6+5+4=15  
(c) Describe functions of salivary glands.

OR

- (a) Describe the structure of neurons with diagram. 9+6=15  
(b) Write the names of different cranial nerves.
  
3. (a) Define Bacteria.  
(b) What are the factors affecting Bacterial growth?  
(c) Write the different types of bacteria with example & diagram. 2+2+6=10
  
4. Write short notes : (any three) 3×5=15
  - (a) Functions of kidney
  - (b) Physiology of hearing.
  - (c) Structure of eye
  - (d) Functions of ovary
  - (e) Nosocomial infection.

See Question No. 5, 6 & 7 in Separate Page