

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.
(b) Describe the mechanism of respiration. 8+7=15

2. (a) Write down the difference between endocrine and exocrine gland.
(b) List down the different endocrine glands of the body.
(c) Describe functions of salivary glands. 6+5+4=15

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- (a) Describe the structure of neurons with diagram.
(b) Write the names of different cranial nerves. 9+6=15

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