

[Time: 03 Hours.]

BNBUSZO3T2-A/02/2022

[Marks: 60]

Please check whether you have got the right question paper.

N.B: 1. All questions are compulsory.

2. Figures to the right indicate full marks.

3. Draw neat and labelled diagrams wherever necessary.

4. Answer the questions in proper order.

Q. 1 Describe the following:

(16)

a) Explain digestive system of Cockroach

(08)

OR

a) Explain types of nutrition

(08)

b) Explain external and internal structure of kidney

(08)

OR

b) Give an account on Ammonotelic, Ureotelic and Uricotelic organism

(08)

Q. 2 Explain the following:

(16)

a) Explain Respiration in Frog

(08)

OR

a) Explain Open circulation with diagram

(08)

b) Respiration in pigeon

(08)

OR

b) Physiology respiration in man

(08)

Q. 3 Answer the following:

(16)

a) Types of neurons based on structure and function .

(08)

OR

a) Types of fertilization.

(08)

b) Locomotion in amoeba along with Sol-Gel theory .

(08)

OR

b) Asexual reproduction and its types .

(08)

Q. 4 Write short notes on:

(12)

a) Contractile vacuole of amoeba

(04)

OR

a) Digestion in mouth

(04)

b) Describe Respiration and their types

(04)

OR

b) Types of leucocyte

(04)

c) Explain tube-feet in sea - star

(04)

OR

c) Structure of human sperm

(04)