

GRADE VIII
TIME:2 HOURS

SCHOOL
ASSESSMENT II

BIOLOGY
M.M:40

Instructions: Read the question paper carefully. Write neatly and legibly with correct question numbers.

Section -A (20 marks) (Attempt all the questions)

I. Choose the correct option.

[2.5]

1. Nitrogen deficiency of soil can be removed by

- a) Manuring
b) Broadcasting
c) Transplantation
d) Applying urea

2. Which of the following disease occurs in dirty areas

- a) Malaria
b) Rabies
c) AIDS
d) Anaemia

3. Pairs of spinal nerves present in human being

- a) 31 pairs
b) 12 pairs
c) 24 pairs
d) 10 pairs

4. The habit which leads to hypertension:

- a) Having processed food
b) Having high salt diet
c) Being physically inactive
d) All of these

5. Which one of the following is a growth phase in human beings

- a) Pupa
b) Foetus
c) Infancy
d) Embryo

II. Name the hormones secreted by the following glands:

[2.5]

- i) Thyroid
b) Pancreas
c) Adrenal cortex
d) Posterior pituitary
e) Anterior pituitary

III. Fill in the blanks.

[5]

1. _____ is the endocrine part of pancreas.

2. Transfer of blood from one person to other is called _____.

3. Basic unit of nervous system is _____.

4. Insects and flies that are responsible for transfer of pathogen are called _____.

5. The poultry birds, which are reared for meat are called _____.

IV. Give one word for the following.

[5]

1. Load carrying livestock

2. The virus that attacks on human immune system.

3. Two halves of cerebrum.
4. Glycoprotein on the surface of RBCs that determine blood group
5. The nerve which carries both types of impulses.

V. State whether true or false. If false rewrite the correct form of statement. [5]

1. Response to stimulus is reflected by a receptor.
2. Polio is a bacterial disease.
3. Murrah is dairy breed of cows from Punjab.
4. Heart muscles are cardiac muscles.
5. Pituitary gland is called master gland of the body because it is the largest endocrine gland.

Section-B (Attempt any four question)

- VI. a) What do you mean by secondary sexual characters?** [2]
b) Name the hormone responsible for each of the following: [3]
- i. Converting glycogen into glucose
 - ii. Prepares body during emergency
 - iii. Contraction of muscles of uterine wall during child birth.

- XVII. a) Differentiate between universal donor and universal acceptor** [2]
b) Draw a labelled diagram of structure of heart. [3]

- VIII. a) Differentiate between voluntary and reflex action.** [2]
b) Describe a simple reflex action with a suitable example. [3]

- IX. a) Discuss harmful effects of taking: i) alcohol ii) narcotic drugs** [2]
b) What first aid measures would you adopt in each of the following cases? i) Poisoning ii) Snake bite iii) Severe bleeding [3]

- X. a) Name any two diseases caused by bacteria and symptoms of each.** [2]
b) Why is lymph called filtered blood? [3]

- XI. a) Give full forms of i) HYV ii) BHC iii) FYM iv) AIDS** [2]
b) Define: i) Double circulation ii) Immunisation iii) Rotation of crop. [3]