



PERIODIC ASSESSMENT – III [2021-22]

Student Name					
Date		Grade	VIII	Roll No.	
Subject	Science	Marks	25	Teacher's Sign	

GENERAL INSTRUCTION:

1. All the Questions are Compulsory Questions.
2. All the Parts of Questions must be attempted at one Place.

Q-I. Multiple choice questions:

(5 Marks)

1. Reproductive age in women starts when their
 - (a) Menstruation start.
 - (b) Breast start developing
 - (c) Body weight increases
 - (d) Height increases.
2. The right meal for adolescents consist of
 - (a) Chips, noodles, coke.
 - (b) Chapatti, dal, vegetables.
 - (c) Rice, noodles and burger.
 - (d) Vegetables cutlets, chips and lemon drink.
3. When we press the bulb of a dropper with its nozzle kept in water, air in the dropper is seen to escape in the form of bubbles. Once we release the pressure on the bulb, water gets filled in the dropper. The rise of water in the dropper is due to
 - (a) Pressure of water.
 - (b) Gravity of the earth.
 - (c) Shape of rubber bulb.
 - (d) Atmospheric pressure.
4. In the circuit shown in Fig, when the circuit is completed, the hammer strikes the gong. Which of the following force is responsible for the movement of a hammer?



- a) Magnetic force alone
- b) Electrostatic force alone
- c) Frictional force alone
- d) Gravitational force alone

5. A toy car released with the same initial speed will travel farthest on

- a) cemented surface
- b) brick surface
- c) muddy surface
- d) polished marble surface

Q-II. Fill in the blanks:

(5 Marks)

1. _____ are secretions of endocrine glands which pour them directly into the blood stream.
2. To draw water from a well, we have to _____ at the rope.
3. A charged body _____ an uncharged body towards it.
4. Friction opposes the _____ between the surfaces in contact with each other.
5. Friction produces _____.

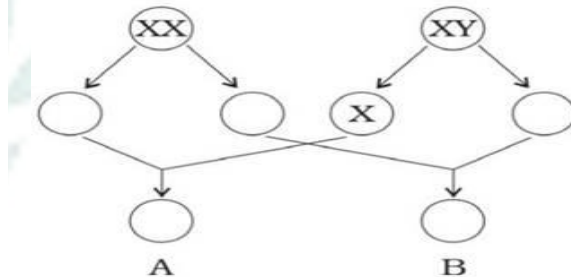
Q-III. Match the items in Column I with those in Column II:

(5Marks)

a. force	i) contact force
b. pressure	ii) measure of gravity on object
c. friction	iii) force per unit area
d. gravity	iv) push and pull
e. weight	v) action at a distance force

Q-IV. Give the answers of following questions:

1. Fill the blank circles in figure and identify the sex of child A and B. **(2 Marks)**



OR

1. Give two examples of situations in which applied force causes a change in the shape of an object.

2. Explain why sliding friction is less than static friction. **(3 Marks)**

OR

2. Explain why objects moving in fluids must have special shapes.

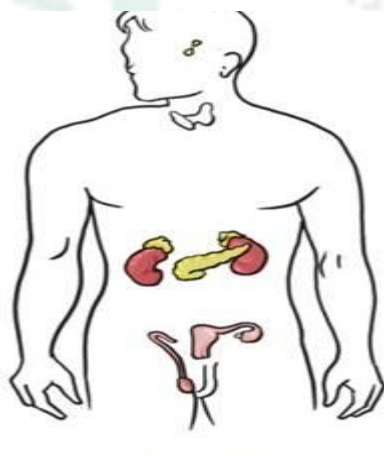
3. In Fig. mark the positions of the endocrine glands which release the hormones that: **(5 Marks)**

(a) Controls the release of sex hormones.

(b) Is responsible for the secondary sexual characters in boys.

(c) Prevents diabetes.

(d) Maintains the correct salt balance in the blood.



OR

3. Give examples to show that friction is both a friend and foe.