



INDIAN SCHOOL SOHAR
PERIODIC ASSESSMENT – 2 (2019-20)
SCIENCE

CLASS: VIII
DATE: 16/01/2020

MAX. MARKS: 15
DURATION: 1 HOUR

General Instructions:

- I. All questions are compulsory
- II. Marks are indicated against each question.

1. In the Assertion & Reason, two statements are given- one labeled Assertion (A) & the other labeled- Reason(R). Read the statement carefully and select the correct answer from the codes - (i) to (v) 1
- (i) Both (A)&(R) are true &(R) is the correct explanation of (A)
 - (ii) Both (A)&(R) are true but (R) is not the correct explanation of (A)
 - (iii) (A) is true but (R) is false.
 - (iv) (A) is false but R is true. (v) Both (A)& (R) are false.

Assertion(A)-Applying grease on the hinges of the door helps to reduce friction.

Reason(B) -The grease increases the friction and help in easy movement.

2. Answer the following: 1
- a) Give a suitable word-The site which responds to a hormone.
 - b) Name the hormone which controls metamorphosis in frog.
3. Why is it difficult to balance our body when we accidentally step on a peel of banana? 1
4. Explain how the sex of a new born baby is determined, support the answer with a suitable diagram. 3
5. a) Define the term- Pressure. 3
- b) Give two examples of situations in which applied force causes a change in the shape of an object.
 - c) How can the degree of roughness affect friction?
6. a) Why is it difficult to pull a rubber sucker pressed on a smooth surface? 3
- b) Name the SI unit of force and pressure.
 - c) Two boys Jack and Tom apply force of 40N each on a heavy table in the same direction



What will be the net force applied on the table. In which direction the table will move?

- 7a) Complete the given table with correct answer :- 3

SI No	Name of the gland.	Name of hormone	Function of hormone
1	_____	thyroxin	_____
2	Pituitary	_____	_____

- b) What precaution should be taken by adolescents to stay healthy? Write any two points.



INDIAN SCHOOL SOHAR
PERIODIC ASSESSMENT – 2 (2019-20)
SCIENCE

CLASS: VIII
DATE: 16/01/2020

MAX. MARKS: 15
DURATION: 1 HOUR

General Instructions:

I. All questions are compulsory

II. Marks are indicated against each question.

1. In the Assertion & Reason, two statements are given one labeled Assertion(A) other labeled- Reason(R) Read the statement carefully and select the correct answer from the codes (i) to (v) 1
- (i) Both (A)&(R) are true &(R) is the correct explanation of (A)
(ii) Both(A)&(R) are true but (R) is not the correct explanation of (A)
(iii) (A) is true but (R)is false.
(iv) (A) is false but(R) is true.
(v) Both (A)&(R) are false.
- Assertion-** Sportsmen use shoes with spikes to increase friction between the shoes and surface.
Reason-The shoes with spikes do not slip while they run or play. 1
2. Name the hormones: 1
- a)To prepare to face emergency situation.
b) For the development of tadpole to a frog.
3. When is the pressure on the ground more- when a man is standing or when he is lying on the ground? Give reason. 1
4. Answer the following questions: 3
- a) Define the term: Friction
b) How can the degree of roughness affect friction?
c) Name the SI units of pressure and force?
5. a) Two girls Meena and Reena apply forces of 60N and 40N on a table in opposite direction. 3
- i) What will be the net force acting on the table?
ii) Which direction will the table move?
- b) Give one example for each:- i) Friction as a friend. ii) Friction as a foe.
6. Explain how the sex of a new born baby is determined. Support the answer with suitable diagram. 3
7. a) Complete the given table with correct answer :- 3

Sl NO	Name of the gland.	Name of hormone	Function of hormone
1	_____	Insulin	_____
2	Adrenal	_____	_____

b) What are hormones?