INDIAN SCHOOL SOHAR
FORMATIVE ASSESSMENT- III **SET-2**
SCIENCE

CLASS -VIII **TIME :- 40 MIN**
09.11.14 **M M : 20**

GENERAL INSTRUCTIONS :-

1. Questions 1 to 4 are multiple choice questions - 1 mark each.
2. Questions 5 to 7 are very short answer type questions - 1 mark each.
3. Questions 8 to 11 are short answer type questions - 2 marks each.
4. Question no. 12 is a long answer type question - 5 marks.

Q. **Choose the most appropriate answer**. 1x4 = 4

1. An example of non- contact force is

a) an athlete running on the ground b) lightning a matchstick

c) pulling a trolley d) revolution of the earth.

2 .The adrenal gland is located

a) below the kidney b) on the kidney c)on the pancreas d) at the base of the brain

3. Which of these is not a secondary sexual character ?

a) increase in height b) release of estrogen c) voice change d) hair growth on body

4 .The characteristics of force are :-

a) Speed & distance b) magnitude & direction c) area & pressure d)all of these

5.**Name the following** :- 1x3 = 3

a) The friction involved in moving a box on a trolley.

b) The process of monthly release of ovum from the ovary every month.

6. In frogs ,which important process is affected if sufficient iodine is not present in water? Why?

7. What are endocrine glands? (2 points)

8 .Give examples or situations where friction is a) increased b) decreased (2 points each) 2x4 = 8

9. Draw a figure to show sex determination in humans.

10 .Given below are situations that could result due to lack of a certain hormone. Identify the hormone & the gland which secretes it :-

a) Blood sugar level remains high, increased thirst, person feels exhausted & hungry quite often.

b) A person has an abnormally short stature.

11. **Give reasons** -

a) Mercury column in a simple barometer stand at a particular height.

b) Acne is often associated with the age of adolescence.

12. a) A brick of length 25cm & width 10cm applies a force of 2.5 N on the soil. Calculate the pressure exerted by the brick on the soil. 5x1 = 5

b) How does liquid pressure vary with depth? Draw diagram to support your answer.
