Thakur Educational Trust’s (Regd)

THAKUR VIDYA MANDIR HIGH SCHOOL & JR.COLLEGE

I Terminal Exam 2015- 2016

Subject: Science.

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ STD: VII Div: \_\_\_\_\_ Roll No: \_\_\_\_\_

Marks: 80 Date: 28/09/2015 Time: 2 hrs. 45 min

**SECTION - A**

**QI) A) a) Fill in the blanks: (3)**

1) In a convection current, warm air travel \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

2) The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ energy is stored in the plants in the form of food.

3) The expansion of gases is \_\_\_\_\_\_\_\_\_\_\_\_\_.

**b) State True or False and correct the false statement. (2)**

1) Iron expands more than copper \_\_\_\_\_\_\_\_\_\_\_\_\_\_

2) Cold water is heavier than hot water \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**B) Multiple choice questions: (5)**

1) Image of the object is \_\_\_\_\_\_\_\_\_\_\_\_\_\_ in the pinhole camera.

a) Straight b)Slanting c) Inverted

2) As sunlight passes through a prism it is divided into seven colours of which\_\_\_\_\_\_\_\_\_\_\_\_ colour is at the bottom.

a) Red b)Violet c) Blue

3) The mode of transfer of heat in the absence of medium is called\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

a) Conduction b) Convection c) Radiation .

4) Heat required to raise the temperature of certain mass of substance by 10C is called \_\_\_\_\_\_\_\_\_\_\_\_.

a) Specific heat b) heat capacity c) calorie.

5)­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a unit of Heat.

a) Calorie b) calorie/0 C c) 0 C

**QII) Attempt the following (Any 5) (10)**

1) How can we see objects around us?

2) Why are there holes at the bottom of a lantern?

3) Why is the iron tyre heated before fitting it on a wheel?.

4) What is meant by extended source of light?

5) Why we cannot tell that our body is warm, When we have fever?

6) Why a bimetallic strip is used in electric gadgets?

**QIII) Attempt the following (any 5) (15)**

1) When does a lunar eclipse occur? Explain with the help of diagram.

2) Distinguish between plant growth in darkness and plant growth in light.

3) What are the factors on which conduction of heat is dependent while passing through the medium?

4) What are the special characteristics of mercury?

5) What is meant by convection?

6) What are the factors on which the heat given by a hot substance or the heat taken by a cool substance depend?

**QIV) Attempt the following (any 1) (5)**

1) Explain the construction and working of calorimeter with the help of diagram.

2) Describe the construction and function of a Thermos flask with the help of well labelled diagram.

**P.T.O**

**SECTION-B**

**QV) A) a) Fill in the blanks: (3)**

i) \_\_\_\_\_\_\_\_\_\_ shows reproduction by budding.

ii) Various kinds of tissue come together to form an \_\_\_\_\_\_\_\_\_\_\_\_\_.

iii) The trapping of heat in the earth's atmosphere causes the danger of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**b) Find the odd man out: (2)**

i) Amoeba, paramoecium, Chlorella , Hydra

ii) Soil , Air, Plants, water

**B) Multiple Choice questions (5)**

1) \_\_\_\_\_\_\_\_\_\_\_\_\_ has tissue level organisation..

a) Amoeba b) Algae c) Euglena

2) Sweet potato is an underground \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

a) Stem b) Root c) leaf

3) \_\_\_\_\_\_\_\_\_\_\_\_\_\_ shows reproduction by segmentation..

a) Bacteria b) Spirogyra c) Amoeba

4) \_\_\_\_\_\_\_\_\_ is observed as world water day.

a) 20 August b) 22 March c) 22 August

5) We must use a fuel like\_\_\_\_\_\_\_\_\_\_\_\_\_ rather than fuel which are getting depleted.

a) Petrol b) Diesel c) CNG.

**QVI) Attempt the following (any 5) (10)**

1) What are the reasons of soil pollution?

2) Why water is life?

3) Define: a) Ecosystem b) Population?

4) How does Bryophyllum leaf give rise to new plant?

5) Distinguish between Androecium and Gynoecium.

6) What is 'nulla bunding'?

**QVII) Attempt the following (any 5) (15)**

1) What are the ways to reduce evaporation of water?

2) Describe how fungus grows on bread.

3) What is a tissue and how does tissue level organisation occur?.

4) Describe cell division as a method of asexual reproduction in living organisms.

5) What laws are enacted by the Government to prevent the pollution of water?

6) Write short note on Biotechnology?

**QVIII) Attempt the following (any 1) (5)**

1) Describe sexual reproduction in Plants with the help of neat and labelled diagram.

2) a)Write short note on Potable Water?

b) What are the uses of soil?

**\*\*\*\* ALL THE BEST \*\*\*\***