

# BISHOP SCOTT BOYS' SCHOOL, PATNA

(Affiliated to CBSE New Delhi) -Jaganpura, Chainpur, Patna-804453



SESSION 2019-2020

RPA- P.T.- III

CLASS: 9

SUB: SCIENCE

Name of Student: \_\_\_\_\_ Sec. \_\_\_\_\_ Roll No. \_\_\_\_\_

## Sub :- Physics

1. State law of conservation of energy.
2. Define :-  
(a) Work (b) Energy (c) Power  
Write their SI units.
3. Prove that , Kinetic Energy is  $\frac{1}{2} mv^2$
4. If an electric iron of 1200 W is used for 30 minutes everyday , find the electrical energy consumed in the month of April.

## Sub: Chemistry

1. Write the chemical formula of the following:
  - a) Nitric acid
  - b) Washing soda
  - c) Baking soda
  - d) Lime water
  - e) Potassium permanganate
  - f)
2. Calculate the molecular mass of potassium permanganate

## Sub : Biology

- Q1. Draw a flowchart showing classification of animal kingdom.
- Q2. Write a short note on classification system given by H. Whittaker.
- Q3. What are the differences between annelid animals and arthropods?

