

R.P.S PUBLIC SCHOOL

BARI PAHARI ,PATNA

Summer vacation holiday home work 2019-20

Class – IX

Subject – Physics

1. Write down the unit of the various physical quantities
2. Write down the advantages of units

Chemistry

1. Collect 5 samples of the following in small plastic bag by sticking it to stick file and also describe in different quantity
 - (a) Pure matter – element + compound
 - (b) Impure matter – mixture

Also write down their characteristics

Biology

1. Learn ch – 1

Project :- Draw a structure of plant / animal cell on chart paper

Assignment :- Do Q/Ans from NCERT BOOK.

SUBJECT – MATH

- (1) Write the following :-
Point , collinear points , linear pairs of angles , complementary angles , non – collinear angles , supplementary angles , line segment , acute angle , obtuse angle , reflex angle , complete angles
- (2) Find the complementary and supplementary of :-
 170° , 120° , 135° , 65° , 90° , 175° , 167° , 137° , 139° , 165° , 5° , 176° , 80°
- (3) Prove the theorem 6 · 1 , 6 · 2 , 6 · 3 , and 6 · 4
- (4) Complete ex 6 · 1 , 6 · 2.
- (5) P is the mid – point of line AB then prove that $AP = BP = \frac{AB}{2}$.
- (6) AP is the bisect of \angle BAC , then prove that :-
(i) \angle BAP = $\frac{\angle$ BAC}{2} (ii) \angle CAP = $\frac{\angle$ BAC}{2}.
- (7) Find the reflex angle :-

320° , 185° , 204° , 214° , 315° , 308° , 317° , 307° , 307° , 200° , 349° , 345° , 179° , 279° ,
189° , 285° ,

(8) Write the definition of :-

Triangle , equ. Triangle , Iso. Triangle, scalene triangle, rig. Angle triangle, acute angle triangle, obtuse angle triangle.

Geography

1. Explain each physical division of India with picture and later data how to make – cover page → acknowledgment → content → topic along with picture – conclusion
2. Taconic movement with explain the along with picture.

HIS+CIVICS

3. Paint out any twenty intimation of your locality or where you spend summer vacation write any 10 historical information.

ECONOMICS

1. Revise all taught chapters.

SUBJECT – Hindi

1. Revise all previously taught chapter. (Gr+Lit).
2. Write Q/Ans of ch – 2 (ल्हासा की ओर).
3. Write an essay on मेरे जीवन का लक्ष्य.
4. Read ch – 3 समास | परिभाषा तथा प्रकार और उसकी परिभाषा तथा प्रकार और उसकी परिभाषा उदाहरण के साथ लिखें :-
5. Project :- माँ देवी वर्मा का जीवन : या प्रेमचंद का जीवन

SUBJECT – ENGLISH

- ❖ Prepare a project in the life and works of robot frost'

SUBJECT – COMPUTER (In stick file)

1. Draw the basic organization of block diagram of a computer system and define all its part
2. Define the types of computer.
3. Define application of computer. Explain with two example.

SUBJECT – SANSKRIT

1. शब्द रूप – बालक , लता , साधु
2. धातु रूप – पठ् , उस् , कृ , पाँचो लकारों मे
3. कर्त्ता – क्रिया समन्वय – परियोजना कार्य
4. पाठ – 4 और पाठ – 5 का शब्दार्थ लिखे ।