

JAY PRATAP SINGH PUBLIC SCHOOL
HOLIDAY HOMEWORK (2023-2024)

9A & B

HINDI

- 1- प्रेमचंद तथा महादेवी वर्मा पर परियोजना कार्य करें
- 1- मेरे बचपन के दिन का प्रश्नोत्तर फेयर में करें!

ENGLISH

1. Write the Central Idea of the poem – **A LEGEND OF NORTHLAND** by Phoebe Cary.
2. Write the summary of the text – **My Childhood** by Dr. A.P.J. Abdul Kalam.
3. Write the **Rhyming Scheme** and **Poetic devices** used in the poem **The Lake Isle of Innisfree** by William Butler Yeats.
4. Solve the exercise **1 and 8** from the chapter **Modals** in your grammar book. (page -**238 and 245**)

MATH

GROUP-A

1. Verify experimentally the different criteria for congruency of triangles using triangles cut out.
2. Explore the properties with respect of diagonals of the following quadrilaterals a parallelogram a square, a rectangle and a rhombus.
3. Complete your fair work.
4. Do all sums from Manjeet Singh (From ch 1 top 7) (only left portion)

GROUP-B

1. NCERT BOOK

Ex – 13.1- Q.no-1,3,5,7

Ex – 13.2- Q.no-2,4,6,9,,11

Example 6 of page no 220

Ex – 13.3- Q.no-2,5,6,8

Ex – 13.4 -Q.no-3,5,6,8

Ex – 13.7- Q.no-3,5,6,7,9

Ex –13.8- Q.no-3,4,6,7,8,10

Manjeet Singh

Ex – 18.1- Q.no- 2,5,6,7,10,12,13,17

Ex – 18.1- Q.no-2,4,6,6,10,12,14

Social Studies

1. Prepare a 3-d design model on any of the following:- (a) Drawing Basin (b) Physical division of India .
2. Prepare a timeline of events related of:- (a) Nazism and Rise of Hitler (b) The Russian Revolution.
3. Prepare a report on “Poverty in India” providing suitable facts and figure.
4. Answer the exercise Questions of History ch – 1 to 3.

SCIENCE

BIOLOGY

1. Draw the diagram of mitochondria and explain all its functions.
2. Draw the diagram of chloroplast and explain all its functions.
3. How mitochondria differs from chloroplast.
4. Draw well labelled diagram of nucleus and explain all its part.
5. What are the similarities between mitochondria and chloroplast?
6. Explain transportation of water and food in plants.
7. Write the main function of all the permanent tissues?

1. Exercise questions Answer writing ch- **animals and plant** tissue

PHYSICS

1. Complete fair with Questions/Answer of ch-9 & ch-10 have to complete Q/A of ch-10 from NCERT exemplar.

PROJECT:- To explain Archimedes principals with neat and clean diagram.

CHEMISTRY

1. On what factor does evaporation depends explain?
 2. Explain the basic reason of evaporation and boiling?
 3. Why does evaporation cause cooling?
 4. Explain the various ways of expressing the concentration of solution.
 5. Write the difference between distillation and fractional distillation.
 6. Complete notes copy upto taught topic.
- Note:- Do Q (i) to (v) in holiday homework copy.
7. Which statement of Dalton atomic theory satisfy the law of chemical combination.
 8. Explain the term solubility.
 9. Why potash alum is rubbed on bleeding area?

SANSKRIT

1. निबंध – दुर्गापूजा दस से पन्द्रह वाक्य
2. भवन्तः पूजावकाशों किं किं करिष्यन्ति?
3. कृदन्त प्रत्यय – परियोजनाकर्यम् कत्वा, ल्यप्, तुमुन, क्तवत्, क्त, तव्यत्, अनीयर, शतृ, शानच् ।
4. फेयर कण्ठस्य – अर्थ सहित ।

Computer/Aptitude/General knowledge

Topic:- Is rally India progressing !

Points to be highlighted

1. Introduction of ICI.
2. Its impact on living things.
3. Evolution of Gs ie; 2G, 4G, 5G.
4. Steps:- these can be taken to overcome its disadvantage.