

DAV PUBLIC SCHOOL, WAIDHAN, SINGRAULI (M.P.)

SESSION 2023-24

HOLIDAY HOMEWORK

CLASS – X

SUBJECT- SANSKRIT

प्रश्न: 1- प्रथम -पाठस्य प्रश्नानाम् उत्तराणि संचिकायाम् पूरयत स्मरत च ।

प्रश्न: 2- पत्रावलि - पत्रे (A - 4 SIZE) ' वातानुकूलित - यन्त्रं ' चित्रं निर्माय एकं लघुम् अनुच्छेदम् लिखत ।

SUBJECT-COMPUTER

WRITE ALL THE TYPES OF TEMPLATES AND EXPLAIN ONE OF THEM

SUBJECT -SCIENCE (PHYSICS)

Q1 .Differentiate real and virtual image

Q2.State rules of reflectionif light.

Q3..Write 4 properties of plane mirror.

Q4.Write mirror formula and define u,v,and f.

Q5. Define the terms pole,centre of curvature,radius of curvature ,principal axis ,related to spherical mirrors.Also define principal focus and focal length of the spherical mirror.

Q6.Draw a ray diagram by concave mirror when an object is kept between infinity and centre of curvature.

Q7.Draw a ray diagram by concave mirror when an object is placed (i) beyond of C (ii)at F (iii) between P and F (iv) between C and F .Also write nature ,position ,and size of image in each case for concave mirror on chart paper

Q8..Find the focal length of convex mirror whose radius of curvature is 16 cm.Also write relation between f and R.

chemistry

- Complete the notes of chemical reaction and equation in your fair notebook.
- Do all the questions given on the exercises at the back of the chapter in your fair notebook
- Do questions given on page numbers 6, 10, 13 in your fair notebook.

Subject-Biology

- 1) Write 20 MCQs from chapter number 1 Life process in A4 size paper
- 2) Draw the diagram of the following structure
 - a) Internal structure of leaf
 - b) Human alimentary canalIn thermocol sheet
- 3) Write all the activities given in chapter number 1 life process in A4 size paper along with the diagrams
- 4) Learn the following questions
 - a) What is life process?
 - b) What is nutrition? Write the different mode of nutrition.
 - c) Name different enzymes involved in the digestion of carbohydrates fats and proteins.
 - d) Distinguish between aerobic respiration and anaerobic respiration.

SUBJECT –SOCIAL SCIENCE

SECTION B

1. Write a short note on the current political and social status of India's neighbouring countries- Pakistan, Bangladesh, Nepal, Bhutan, Sri Lanka, Maldives etc.
2. Frame 20 questions each of categories- very short answer and short answer type questions and also write their answers from chapter one of geography and political science.
3. Collect the pictures of national flags of European countries and paste them in a scrapbook. Write the following points regarding above mentioned countries:-
 - a) name of the country
 - b) capital
 - c) currency
 - d) religions followed
 - e) social structure
 - f) language spoken

विषय – हिंदी

प्रश्न :1 :- फेरीवाले हमारे दिन-प्रतिदिन की बहुत-सी जरूरतों को आसान बना देते हैं। फेरी वालों के योगदान व समस्याओं पर एक संपादकीय लेख तैयार कीजिए।

प्रश्न:२:- नेताजी सुभाष चंद्र बोस के व्यक्तित्व और कृतित्व पर एक प्रोजेक्ट तैयार कीजिए।

प्रश्न: 3:- बदलते मौसम को दर्शाते हुए चित्र या फोटो का संग्रह करके एक एल्बम तैयार कीजिए।

प्रश्न 4 ग्रीष्म ऋतु पर एक कविता लिखिए।

Subject -Math

1. Solve Chapter 1,2 and 3 from NCERT exemplar
2. Do Math Lab Manual activity 1&2.
3. Prepare calendar of May month by using properties of Real number, HCF, LCM, prime factorization,and fundamental theorem of Arithmetic.(In A-4 size paper)