

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

SESSION 2023-24

HOLIDAY HOMEWORK

CLASS – IX

SUBJECT- SANSKRIT

प्रश्न: 1- प्रथम - पाठस्य प्रश्नानाम् उत्तराणि संचिकायाम् पूरयत स्मरत चा
प्रश्न: 2- पत्रावलि - पत्रे अधोलिखित - कवीनां ग्रन्थान् कर्गदं कर्तनं कृत्वा रचयत ।
कालिदासः, महाकविः माघः , भारविः , वेदव्यासः , वाल्मीकिः , भवभूतिः, भासः

SUBJECT-COMPUTER

LIST ALL THE ACCESSIBILITY OPTION AND EXPLAIN THEM

SCIENCE (PHYSICS)

Q1. Differentiate between distance and displacement.

Q2. Define uniform and non uniform motion with an example and plot a graph for uniform and non uniform motion.

Q3. differentiate between speed and velocity

Q4. Define average speed and uniform speed.

Q5. Akhil drove his car with speed of 20km/h while going to his school. When he returned to his home along the same route, the speed of the car is 30km/h. Calculate average speed.

Q 6. When are the distance and magnitude of displacement equal?

Q7. A cyclist completes n rounds of a circular track. What will be the distance covered and the displacement of the cyclist after completing n rounds if D is the diameter of the track? Also do exercise question no 1

Q8. Do q.no. 2 and 3 (exercise)

chemistry

- Complete the notes of chapter States of matter.
- Write answers of following questions:
Question 1 Name 3 states of matter which state of matter is rigid and why?
Question 2 list any 2 properties of liquid which are common to gases.
Question 3 a drop of ink and a drop of honey are placed in water in different beakers . Which of the 2 will spread faster? Give reason for your answer.
Question 4 write difference between boiling and evaporation.
Question 5 suppose you want to convert a gas into liquid. Which 2 method can you apply?
Question 6 How is heating of sugar different from ammonium chloride? explain your answer.
Question 7 On suffering from high fever which will lower your body temperature more ice or ice cold water?
Question 8 Why do people sprinkle water on a roof after a hot summer day?

Subject-Biology

- 1) Write 10 MCQs from chapter number 1 the fundamental unit of life
- 2) Draw the diagram of following cell organelles and write their function in A4 size paper in creative way
 - a) Mitochondria
 - b) Endoplasmic reticulum
 - c) Nucleus
 - d) Ribosomes
 - e) Lysosomes
- 3) Answer the following questions in A4 size paper
 - a) How do substances like CO₂ and water move in and out of the cell discuss?
 - b) Why is the plasma membrane called the selectively permeable membrane?
 - c) Write the differences between prokaryotic cell and eukaryotic cell
- 4) Draw the diagram of prokaryotic cell in thermocol sheet
- 5) Learn the questions given in your ncert book chapter 1

SOCIAL SCIENCE

SECTION B

1. Frame 15 questions each of categories- very short answer and short answer type questions and also write their answers. (Chapter 1 political science)
2. Find out the total number of eligible voters in your assembly constituency and your parliamentary constituency. Find out how many people can fit into the largest stadium in your area. Is it possible for all the voters in your parliamentary or assembly constituency to sit together and have a meaningful discussion?

विषय -हिंदी

- (1) 'दो बैलों की कहानी' पाठ में से किन्ही पांच मुहावरों का अर्थ लिखकर वाक्य में प्रयोग कीजिए।
- (2) पशु -पक्षियों से संबंधित कोई एक कविता लिखिए।
- (3) भक्ति काल के किन्ही पांच कवियों का चित्र बनाकर उसके नाम एवं रचना का नाम लिखिए।
- (4) कबीर और रहीम के पांच -पांच दोहे लिखिए ।

Subject -Maths

1. Solve chapter 1 from NCERT exemplar.
2. Do Math Lab Manual activity 1 &2.
3. Prepare calendar of April month by using Properties of number system, surds and law of exponents.(In A-4 size paper).