

STEPHENS

INTERNATIONAL PUBLIC SCHOOL



WINTER BREAK

Holidays' Homework

Session – 2025-26

Class : 9th

Note: The assigned task of all the subjects is to be done on assignment sheets.

Subject : English

1. Write inspirational quotes of famous Indian personalities. (Any five)
2. List various literary devices used in literature and give their examples as well. (Any ten)
3. Write a poem/article/short story/set of jokes or anything interesting to be included in the school magazine. Make sure that the writing is original, not copied from any source.

Subject : Hindi

- प्र:1. निम्नलिखित विषयों में से किसी एक विषय पर लघु कथा लिखें तथा उससे संबंधित चित्र भी बनाएँ या चिपकाएँ। लघु कथा अपनी हिंदी की उत्तरपुस्तिका पर करें।
- 1) जैसी करनी वैसी भरनी।
 - 2) करनी कथनी से अधिक ताकतवर होती है।
 - 3) सादाजीवन, उच्चविचार।
 - 4) परिश्रम ही सफलता का सोपान है।
- प्र:2. आपके क्षेत्र में एक ही साधारण सा सरकारी अस्पताल है, जिसके कारण आम जनता को काफी परेशानियों का सामना करना पड़ रहा है। उन परेशानियों का उल्लेख करते हुए सुविधापूर्ण सरकारी अस्पताल खुलवाने का अनुरोध करते हुए स्वास्थ्य अधिकारी को पत्र लिखिए।
- प्र:3. निर्देशानुसार पदबंध को रेखांकित कीजिए।
- क) प्यास का मारा कौवा घड़े पर बैठ गया। (संज्ञा पदबंध)
तुममें से किसने शोर मचाया? (सर्वनाम पदबंध)
आज उसने थोड़ा कम खाया। (क्रियाविशेषण पदबंध)
- ख) निम्नलिखित सामासिक पदों का विग्रह करके भेद लिखिए।
- 1) सतसई
 - 2) कमलनयन
 - 3) महावीर

निर्देश: उपर्युक्त प्रश्न 2, 3 विद्यार्थी-गण पृष्ठ (sheet) पर करेंगे।

- प्र:4. अभी तक करवाएँ गए संपूर्ण पाठ्यक्रम का अभ्यास करें।

Subject : Mathematics

Activities

1. To show that area of triangle = $\frac{1}{2} \times \text{base} \times \text{height}$
2. To prove Mid-point Theorem
3. Angles in the same segment of a circle are equal.
4. Opposite angles of a cyclic quadrilateral are supplementary.
5. To draw histogram for classes of varying widths

Subject : Science

PHYSICS

- 1. Describe the production and propagation of sound waves. Explain how sound waves travel through different mediums.**
- 2. What is the difference between longitudinal and transverse waves? Explain with examples. How do sound waves fall under one of these categories?**
- 3. What do you mean by the terms:-**
 - (i) Frequency**
 - (ii) Wavelength**
 - (iii) Speed**
 - (iv) Amplitude**
 - (v) Pitch**
 - (vi) Loudness**

Explain each term with examples.

- Q4. What is the audible range of human hearing? Explain the limitations of human hearing.**
- Q5. Make a list of different types of musical instruments and discuss which part of the instrument vibrates to produce sound.**

CHEMISTRY

- Q1. Make a flow chart of first 20 elements along with their symbol, atomic number, atomic mass and valency.**
- Q2. Write the valencies of various monoatomic and polyatomic ions and build up the formula of various compounds.**

Q3. Draw the diagrams depicting the discovery of electron, proton and neutron.

Q4. Explain the characteristics of cathode rays and anode rays.

**Here are some practical-based questions on
colloids and suspensions for class IX:**

Q5. Observation-Based Questions:

Tyndall Effect:

- (i) Shine a beam of light through a glass of milk (colloid) and through a glass of salt water (solution).**
- (ii) What do you observe? Which system shows the Tyndall effect?**
- (iii) Why does the Tyndall effect occur only in one of these systems?**

BIOLOGY

Q1. Differentiate between

- (a) Macronutrients and Micronutrients**
- (b) Manures and Fertilizers**

Q2. Write the advantages of the following:-

- (a) Vermicomposting**
- (b) Green manure**

Q3. Compare Capture fishing mariculture and aquaculture.

Q4. Draw flowchart showing various fields of animal husbandry.

Q5. Green revolution in 1960's and 70's contributed to immense increase in food production however it also has certain demerits. Why?

Q6. Draw well labelled diagram of the following:-

- (a) Plants and animal cell**
- (b) Structure of neuron**
- (c) Breeds of bees used for apiculture**

Subject : Social Science

Instructions for Students

- Do the work neatly in your S.St notebook or on A4 sheets.
- Write answers in your own words.
- Diagrams/maps (where asked) must be neat and labelled.
- Read the following chapters and answer the questions accordingly.

HISTORY

Chapter: Forest Society and Colonialism

Q. Write a short note on the Bastar Rebellion and its causes.

Chapter: Pastoralists in the Modern World

Q. Explain how the lives of pastoralists changed during the colonial period.

CIVICS

Chapter: Democratic Rights

Q. Find one newspaper article related to the violation of Democratic Rights.

- Paste it
- Write 5–6 lines explaining which right was violated and how.

GEOGRAPHY

Chapter: Forests and Wildlife Resources

Read about Project Tiger and write a short note on:

- Its objectives
- Any two achievements

Map Work

On an outline map of India, locate and label:

- Jim Corbett National Park
- Kaziranga National Park
- Gir National Park
- Periyar Wildlife Sanctuary

Happy
Holidays!