

Birla Public School, Pilani

WINTER HOME ASSIGNMENT FOR CLASS IX (2023-24)

English

1. How did you spend your winter vacation? write about it in 300 words.
2. Watch an Oscar awarded movie and write about it in 500 words
3. Read about any two Indian writers and write some interesting facts how they became successful writers in 300 words each.

हिंदी

प्रश्न 1 पर्यावरण को सुरक्षित रखने के लिए कोई पांच प्रोजेक्ट बनाकर लाइए।।

प्रश्न 2 ग्रामीण जीवन और शहरी जीवन के अंतर को स्पष्ट करते हुए अपने विचार व्यक्त कीजिए।

प्रश्न 3 आज शोषणकारी ताकते अधिक हावी हो रही है आज की “शोषणकारी शक्तियां “ विषय पर एक अनुच्छेद लिखिए।

संस्कृत

१. डॉ. रमाकान्त शुक्ल रचित काव्य 'भारतेनास्ति में जीवनी जीवनम्' को सुन्दर अक्षरों में लिखकर किन्हीं दो श्लोकों को कण्ठस्थ करें।

२. 'भारतीय विज्ञान' पाठ के अन्त में कुछ प्राचीन ऋषियों (वैज्ञानिकों) के नाम के साथ उनके कार्यों के विषय में लिखा गया है, उन्हें चार्ट पेपर पर सजाकर लिखें।

अथवा

'भारतीय विज्ञान' पाठ के अन्त में दिए आदर्श वाक्यों से सम्बद्ध संस्थाओं के उद्देश्य वाक्य चार्ट पेपर पर सजाकर लिखें।

MATHEMATICS

- (1) Make a project on history of Number π (pie).
 - (2) Bring articles, amazing facts, riddles, recent discoveries in the field of Mathematics.
(any 3)
 - (3) Represent $\sqrt{5}$ on number line.
- Note: Project work (Use A4 Pages)

Physics

1. Write a report on different types non-conventional sources of energy
2. Prepare a working model of a sound producing instrument.
3. Prepare a video explaining how sound is produced in it and share the link after uploading it on YouTube.

Chemistry

1. Make a power point presentation on Neils Bohr's model of atom consist 10 slides minimum.
2. Make a power point presentation on Isotopes and isobar with their applications. Consist 4 slides minimum.
3. Make a power point presentation on sub atomic particles Election,Proton and Neutrons there Discovery and properties consist 5 slides minimum

Biology

Gather information from your parents or anyone in your surroundings and make a report on the following:

1. Major rabi and kharif crops grown in your locality.
2. Are the crops grown in your locality, cash or food crops.
3. What are the various means of irrigation used in your locality?
4. What are the local practices followed for improvement of crop variety.
5. Which is the large market to sell the agricultural produce (Krishi Upaz Mandi), in your area.If possible, visit any Krishi Upaz Mandi and write a brief report on various practices practices followed and how is farmer paid for his produce? Do you think justice is done to farmers in terms of right price for their agricultural produce?
6. Elaborate a few long term effects of overuse of chemical fertilizer,pesticides,weedicides on human health and health of soil.
7. What is the financial condition of farmers of your area?
8. Please give your views: Is becoming a farmer a good profession, if yes, why and if not, why?

NB- Do it in your biology notebook

Social Science

1. Make a project file on the topic "Disaster Management ".

It should contain pictures and details of all the types of Natural and Man-made Disasters. The details of the Project should have causes, effects, results and safety measures for those Disasters.

2. Complete all the notes and questions & answers of the taught chapters and learn them.
3. Do the maps of all the chapters of second term and paste them in the note books.
4. Read all those chapters also which are not yet taught in the class.