



SHRI GURU NANAK H/S PUBLIC SCHOOL

Summer Holiday Homework (2024-25)

Class-X

- Holidays homework of all the subjects will be done as directed in each subject.
- Last date of the submission of holiday homework is 4 July 2024.
- School will reopen on 1 July 2024.

HINDI

प्रश्न1) दिए गए विषय पर अपने अनुक्रमांक के अनुसार परियोजना कार्य (Project File on A-4sheet) तैयार कीजिए:-

- मीरा के पद, ततार्रा वामीरो कथा (Roll no.1-10)
- साखी कबीरदास, डायरी का एक पन्ना (Rollno.11-20)
- पर्वत प्रदेश में पावस, बडे भाई साहब (Rollno.21-30)
- कर चले हम फ़िदा, ततार्रा वामीरो कथा (Rollno.31-40)
- साखी कबीरदास, हरिहर काका (41 to last)

प्रश्न2) निर्देश-परियोजना कार्य के अन्तर्गत कवि/लेखक चित्र, परिचय, कठिन शब्द, शब्दार्थ, दोहे का भावार्थ/कहानी का सार, उपसर्ग-प्रत्यय वाले शब्द, संधियुक्त शब्द, विलोम शब्द, पर्यायवाची शब्द, मुहावरे, बहुविकल्पीय प्रश्न निर्माण, पाठ से संबंधित चित्र इत्यादि लिखिए।

ENGLISH

Prepare a creative handmade file neatly.

1. Biography of Nelson Mandela.
2. Define Tense and its types.
3. Write 150 Verb forms (Root/ Present, Past and Past Participle)

Note: Project will be done in a file.

MATHS

Activity. To verify the conditions for consistency/Inconsistency for pair of linear equations in 2 variables by graphical method.

Q. Do workbook sheet of chapter- Polynomials, Statistics, and Linear Equations in two variables?

SCIENCE

BIOLOGY

Q1. To make a project file on the topic: "Management of Natural Resources".

Value points:-

1. First page Acknowledgement.
2. Second page Certificate.
3. Third page Index.
4. Fourth page onwards content.

File must be of 10 pages arranged in a presentable manner.

Q2. Write and solve the questions of chapter- Life Processes from last 2 years Board Question papers.

Physics

Q1. Make notes of chapter-2 The Human Eye and The Colourful World.

Q2. Do the below mentioned experiment in your Science Lab Manual.

- Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result.

Q3. Do questions given in the question bank in Physics note book

Chemistry

1. Do the following Activities in your Science Lab Manual:

- A. Activity 2.5, 5.2, 11.5, 11.6 and write at least 5 short question answers related to the activity.
- B. Studying the properties of acids and bases (HCl & NaOH) on the basis of their reaction.
 - (i) Litmus solution (Blue/Red)
 - (ii) Zinc metal
 - (iii) Solid sodium carbonate

2. Do questions given in the question bank in Chemistry note book

Note: -Question Bank will be shared in class group.

SOCIAL STUDIES

Q1. Make a project in these subjects according to your roll number.

Topic 1. Roll number 1 to 15 - Consumer Awareness.

Topic 2. Roll number 16 to 30 - Social Issues.

Topic 3. Roll number 31 & above - Sustainable Development.

Note. 1. The project should be of at least 15 pages.

2. It must contain Front page Certificate, Acknowledgement, Index and it is necessary to make a bibliography at the end of the topic.

Q2. Map work

Soil and Minerals based map of India.

Show the following river projects on the map of India.

(Bhakra Nangal project, Damodar Valley project, Rana Pratap Sagar, Salal project, Sardar Sarovar, Hirakund, Periyar)

COMPUTER APPLICATION

Do this Homework in your computer notebook with heading Holidays Homework (2024-25).

COMMON FOR ALL

1. Define the following terms:

- a. ARPANET
- b. WWW
- c. Server
- d. Web Server

2. What is a web page?

3. How is a web portal different from websites?

4. What is meant by ISP? Give examples of some ISPs.

5. Difference between a blog and a normal website.

6. What is the role of web server in the working of Internet?

7. What is a Mobile Operating System? Explain various Mobile O/S used now-a-days.

8. What is the Internet?

9. What is Artificial Intelligence? Write the role and application of AI.

10. What is the role of TCP/IP protocol in the working of the Internet?

11. What is Mobile Network? Explain all the Mobile Generations till date.

Creative Work

Do these topics in Notebook according to your Roll No.

Roll No. 1-10:- Write a comparative note on Different types of websites and features offered to users/visitors.

Roll No. 11-20:- Make a comparative chart of the features of a web portal, blog and a web directory in your notebook.

Roll No. 21-30:- Make a comparative chart on evolution, features and uses of different types of protocols in your notebook.

Roll No. 31-40:- Write Steps for getting E-Reservation of Railway or Air ticket using any e- reservation website.

Roll No. 41 Onwards: - Write a descriptive note on all the Latest Technologies used to transfer Data between various devices.