

# DELHI PUBLIC SCHOOL, JAMMU

## HOLIDAY HOMEWORK

Class: X

SESSION: 2018-19



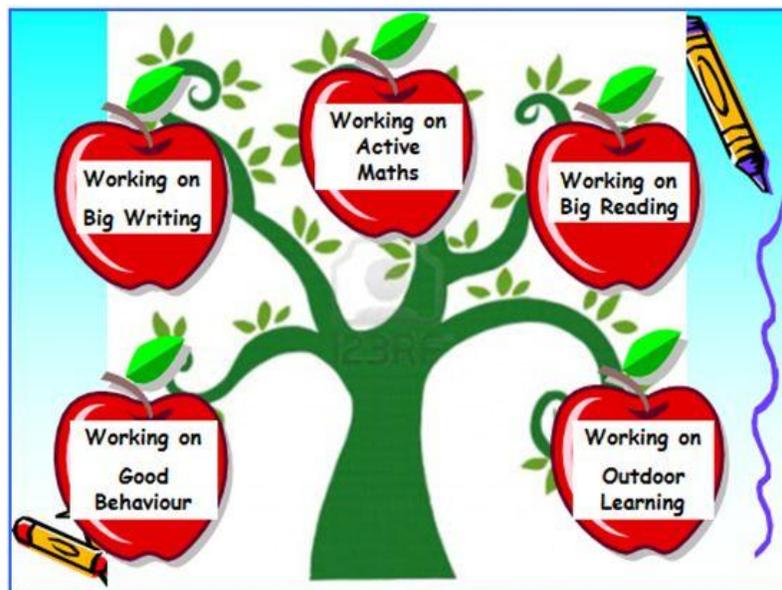
**Dear Parents,**

There is no doubt that vacation are the most appropriate time for the students to refresh and rejuvenate themselves to gear up for the rest of the Academic session. Children have ample energy which needs to be channelized in the right direction to get the best out of them. Keeping this in mind, the holiday homework has been designed to make them more observant and confident.

Hope our students enjoy doing the same with the needful attention and support from their respective families.

*Principal*

*DPS Jammu*



*END IS NOT THE END, INFACT E.N.D MEANS*

*"EFFORT NEVER DIES"*



## English

Q1 Read Chapter 1 to 7 of the novel, “Diary of a Young Girl” and write chapter wise critical analysis.

Q2 Read ‘Julius Caesar’, the original play and write about the assassination of Caesar in 150 words.

Q3 Select 5 dialogues of jokes and write them in reported speech

Q4 Attempt the following units in the main course book itself:

1. Health and Medicine
2. Education
3. Science

Q5 Attempt the following units in the workbook itself:

1. Tenses
2. Subject-Verb agreement
3. Nominalization
4. Active and passive voice

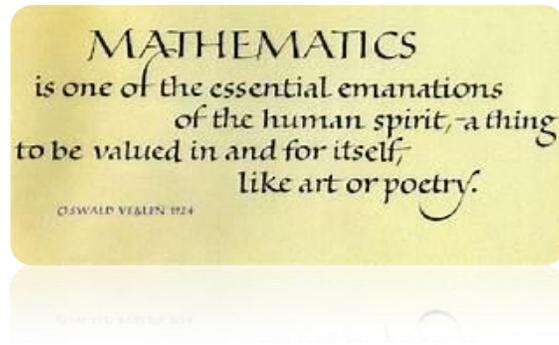
### Note:-

1. Q 1, 2 and 3 to be done on A4 size Sheet.
2. Revise the Syllabus of Cycle Test-I.

## Hindi

- 1) दिसंबर 2004 में आए सुनामी का अंदमान निकोबार द्वीप समूह पर क्या प्रभाव पड़ा, तथा इस द्वीप समूह की जनजातियों की विशेषताओं के विषय में जानकारी प्राप्त कीजिए।
- 2) डायरी- यह गद्य की एक विधा है इसमें दैनिक जीवन में होने वाली घटनाओं, अनुभवों को वर्णित किया जाता है। आप भी अपनी दैनिक जीवन से संबंधित घटनाओं को डायरी के रूप में लिखने का कार्य करें।
- 3) पूर्व-परीक्षा अभ्यास-पत्र कार्य तथा ग्रीष्मावकाश कार्य प्रैक्टिकल शीट पर कीजिए।
- 4) प्रथम इकाई परीक्षा हेतु पाठ्यक्रम की पुनरावृत्ति कीजिए।

## Mathematics



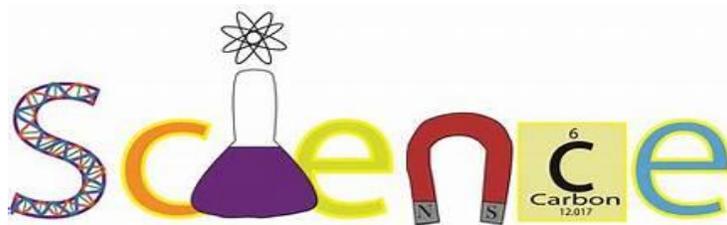
1. Trigonometry in real life (refer lab manual, project no 5). Use assignment sheets and files.
2. Contribution of famous mathematician in the field of Mathematics. (Refer to lab manual, Project no 4) use assignment sheets and files.
3. Solve all examples of following chapters on homework notebook of Mathematics.

Topics- 1. Real Number.

2. Polynomials.
3. Linear Equations in two variables.
4. Triangles.
5. Trigonometry.
6. Application to Trigonometry.

**Note:-**

3. Revise the Syllabus of Cycle Test-I



## **PHYSICS**

- Q1. Explain Ohms Law and also describe V-I characteristics.
- Q2. How can three resistors of resistances 2 ohm, 3 ohm and 6 ohm are connected to give a total resistance of (a) 4 ohm (b) 1 ohm ?

## **CHEMISTRY**

- Q1. Prepare a project file on types of chemical reaction.
- Q2. Write 30 chemical equations and balance them.
- Q3. Write the Chemical properties of Acid and Bases.

## **BIOLOGY**

- Q1. Prepare a project file on different types of Nutrition.
- Q2. Explain the working of:
- (a) Human: circulatory system
  - (b) Human: Excretory system.

## **NOTE:**

1. Use A4 size sheets for Holiday homework.
2. Also solve 30 questions from last 5 years Question paper.



## **Social Science**

### **History/Political Science**

Prepare a project report on comparative study of India and one country from the United States of America/Australia/Canada/South Africa

#### **THE STUDY REPORT TO INCLUDE**

- Meaning of federalism.
- Why is federalism required in India and the 'chosen' country?
- Features of federalism in both- similarities and differences.
- Working of federalism – Federalism in practice – give example of state and centre relationship and conflict, and tensions between centre and state and state and state.
- How successful federalism has been in both the countries?
- Which system- a federal or unitary – do you favour for India and why?

### **Geography-**

Make a project report on the following topics-(Any One)

1. Earth Quake- causes and Mitigation.
2. Floods- causes and Mitigation.
3. Changes and development in agriculture industry.
4. Global Warming-Causes and Mitigation.

### **Economics-**

1. Make a project on common ways which can help in sustaining environment. Take examples from our daily life. Paste pictures also.(Do in class notebook)

#### **NOTE:**

3. Use A4 size sheets for Holiday homework.



## Computers

### Answer the following Questions:

- Q1. FTP service is used for
- Video conferencing
  - Remote login
  - File Transfer
  - Sending mails
- Q2. The incoming mails are stored in
- Outbox
  - Inbox
  - Sent Box
  - Trash
- Q3. What is the term used for a machine those contacts a server for information?
- Client
  - Host
  - Master
  - ISP
- Q4. HTML uses
- Pre-specified tags
  - User- defined tags
  - Tags only for linking
  - Feed tags defined by the language
- Q5. World Wide Web
- Is another name for the internet
  - A collection of linked information
  - World Wide collection for computers
  - A collection of World Wide Information
- Q6. Which language is used to create a webpage?
- HTTP
  - HTML
  - URL
  - FTP
- Q7. Which of these domains is restricted to qualified organisations?
- .com
  - .net
  - .org
  - .edu

- Q8. A search engine is a program to a search for
- Information
  - Web pages for specified index terms
  - Web pages
  - Web pages for information using specified search terms
- Q9. What can you do with the internet?
- Exchange information with friends
  - Access pictures, sounds, video-clipping
  - Find drivers perspective on issues from a global audience
  - All of above
- Q10. A popular service for sending or receiving mail on the internet is
- The E-mail
  - The FTP
  - The Google
  - None of the above
- Q11. Which is the odd one out?
- FTP
  - URL
  - TCP/IP
  - HTTP
- Q12. A Web page is located using a
- Universal Record Linking
  - Universal Record Locator
  - Uniform Resource Locator
  - Uniformly Reachable Links

D) Define the following terms:

- Arpanet
  - WWW
  - Server
  - Web Server
- II) What is a web page?
- III) How is a web portal different from websites?
- IV) What is the meant by ISP? Give examples of some ISPs.
- V) Difference between a blog and a normal websites.
- VI) What is the role of web server in the working of Internet?
- VII) What is a webpage?
- VIII) What is the Internet?
- IX) What is Modem?
- X) What is the role of TCP/IP protocol in the working of the Internet?

**PROJECT: Make a chart on the following topics according to your Roll no**

1-10: Latest Technologies used to transfer Data

11-20: Make a comparison chart of the features of a web portal, blog and a web directory

21-30: Make a comparison chart of different types of protocols

31-40: E-Reservation steps for getting Railway or Air ticket using any govt. E-Reservation website.

**Note: Do this assignment in your computer notebook with heading Holiday Homework.**