

**D.A.V. PUBLIC SCHOOL
ASHOK VIHAR PH-4 DELHI
CLASS XI
HOLIDAY HOMEWORK 2020**

SUBJECT: ENGLISH

ENGLISH HOLIDAY HOMEWORK (XI)

1) Article Writing

Question :- Migrant workers fled India's cities in masse last month after Prime Minister Narendra Modi's lockdown left them suddenly unemployed.

"This unfamiliar hardship faced by migrant workers since the outbreak of COVID-19 might result in fear mania," So, write an article with regards to the topic.

(Paste pictures also)

2) Poster Making

Prepare a poster advising people not to take alcoholic drinks illustrating the danger of consuming alcohol and violating the rules of social distancing in this pandemic. Your illustration should be in conformity with the theme provided to you.

3) Complete all chapters done during online session.

4) Make a visual presentation of vocabulary words from your supplementary reader book (Snapshot).

INTER CLASS COMPETITION

5) Write an English poem on

'Doctors as angels in times of Tensity* ' and send your audio.

6) National Doctor's Day facebook cover competition

In this student has to create a fancy, attractive and informative cover page for facebook.

And whosoever creates the better one will win.

SUBJECT: MATHS

1. Mathematics Practical File work to be completed shared in Class group.
2. Practice the Chapters covered from this link:
http://edudel.nic.in/welcome_folder/support_material_2019_20.htm
3. The same chapters are also to be done from NCERT EXEMPLAR.
4. PPT work to be done groupwise by the students that would be explained in Class groups.

SUBJECT: PHYSICS

- A. Do the following assignment in a separate register.
- B. Make a physics project with model and file.
- C. Make a presentation/ppt on 'major pandemics of the world and contribution of health workers' for physics/chemistry.

ASSIGNMENT

1 The period of oscillation of a simple pendulum is $T = 2\pi\sqrt{L/g}$. Measured value of $L = 20.0\text{cm}$ known to 1mm accuracy and time for 100 oscillations of the pendulum is found to be 90s using a wrist watch of 1 s resolution. What is the accuracy in the determination of g ?

2 Give any four rules that applied in determining the number of significant figures with examples.

3 The mass of an object is measured to be 4.237g and its volume is measured to be 2.51cm³ , then find the density of the substance with significant figures stating the reason for significant figures

4 State the rules for Arithmetic Operations with significant figures giving examples

5 State the rules for Rounding off the Uncertain Digits with examples

6 Each side of a cube is measured to be 7.203m. What are the total surface area and the volume of the cube to appropriate significant figures?

7 State the rules for determining the Uncertainty in the Results of Arithmetic Calculations with examples.

8 What is Dimensional formula and dimensional equation.

9 Consider an equation $\frac{1}{2}mv^2 = mgh$ where m is the mass of the body, v its velocity, g is the acceleration due to gravity and h is the height. Check whether this equation is dimensionally correct.

10 The SI unit of energy is J = kg m² s⁻² ; that of speed v is ms⁻¹ and of acceleration a is ms⁻² . Which of the formulae for kinetic energy (K) given below can you rule out on the basis of dimensional arguments(m stands for the mass of the body ; a. $K = m^2v^3$ b. $K = \frac{1}{2}mv^2$ c. $K = ma$ d. $K = \frac{3}{16}mv^2$ e. $K = \frac{1}{2}mv^2 + ma$

11 Consider a simple pendulum, having a bob attached to a string, which oscillates under the action of the force of gravity. Suppose that the period of oscillation of the simple pendulum depends on its length (l), mass of the bob (m) and acceleration due to gravity (g). Derive the expression for its time period using the method of dimensions.

12 State the principle of homogeneity of dimensions in an equation. Also give any two limitations of dimensional analysis.

SUBJECT: CHEMISTRY

PPT on a following topics chemistry in everyday life hydrogen S block P block divide yourself into groups

Do question answers of chapter some basic concepts of chemistry

Assignment will be given

Make a presentation/ppt on 'major pandemics of the world and contribution of health workers' for physics/chemistry.

SUBJECT: COMPUTER SC. WITH PYTHON

Revision of basics of Computer organization, types of softwares, memory units, number system and Boolean logic for unit exam.

PREPARE A PRESENTATION(EITHER PPT OR VIDEO) ON

SOCIETY , LAW & ETHICS

CONTENT WILL BE GIVEN IN THE WHATSAPP GROUP. THOROUGHLY GO THROUGH THE CONTENT AND PREPARE A CONCISE PRESENTATION.

SUBJECT: BIOLOGY

1. Solve questions of all the chapters done in online classes from NCERT textbook and exemplar in Notebook.

2. Practice all the diagrams and flow charts of the chapters done.
3. complete your practical file and project file.
4. write notes of all the chapters and solve assignment in your notebook which are sent in WhatsApp group.

Doctors' day is celebrated on 1st July in India every year. Prepare any one of the following activities for interclass competition on doctors' day-

1. PPT -3 Minutes
2. Your own video -3 Minutes
3. Slogans on A3 size sheets (three sheets)
4. Write a self composed poem (120 to 150 words)

Note - inter class competition is for all the students of 11th A

SUBJECT: ACCOUNTS

- *Revise chapter 1 to 5 .**
- *Do all the assignments shared in the group.**
- *Complete the activity sheets shared in the group.**
- *PPT work to be done groupwise by the students which would explained in the class groups.**

SUBJECT: ECONOMICS

'The covid 19 Pandemic has left many of us wondering what the world could look like in the future and what impact it could have on Indian Economy ' .

List possible impact and opportunities of Covid 19 for the Indian Economy on A3 size sheet .Use pictures.

Complete assignment of ch 1 Introduction of micro economics.

SUBJECT: BUSINESS STUDIES

1. Read chapter 1 and learn the topics taught till now.
2. Make flowcharts on Impact of Covid19 and lockdown on BUSINESS, PROFESSION and EMPLOYMENT in your register. Also, paste pictures.
3. Collect information about the 'Make in India' project and write it down in your register. Also, paste images from various sources like newspaper, internet, magazine etc.
4. Prepare a NEWSLETTER on MSME SECTOR using a pastel sheet highlighting its definition, impact of covid19, reliefs provided by the government. Also, paste images and pictures to make it more effective.
5. Collect articles/case studies from newspaper, internet, magazine relating to business, MNCs, trade, commerce, banking, finance, insurance etc. Any piece of information which is important for business studies, collect them and keep them in a folder.

SUBJECT: PHYSICAL EDUCATION

**This work for all students who have physical Education subject
OPTIONAL/ADDITIONAL (BOTH)**

***Complete your practical File (,All projects)**

***Practical-1-labelled diagram of 400mt.Track& field with computation**

***Practical-2-computation ofBMI from family or neighbourhood &
graphical representation of the data.**

***Practical-3-labelled diagram of field & equipment of any one game of your choice of these-(Badminton, Taekwondo,yoga,Rope skipping)**

***Practical-4-list of current National Sports Awards (Dronacharya award, Arjun Award and Rajiv Gandhi Khel Ratan Award)**

***Practical-5-pictorial presentation of any five Asanas for improving concentration.**

Book Work(only optional students)

***Do all long questions of all chapter in your HW Register**

***5 MCQ of every topic from all the chapters-(1 to 4)**

***Complete your A-3 sheet Activity (Topic-Biogaphy of any sports person,health,Diet, About Game, Information of any one international sports event-olympic,Asian games,comman wealth games)**

SUBJECT: MUSIC

👍 you all have to make 2mins PPT, vedio clip or karaoke video clip on the topic:Song or Poem with rythm on CORONA warriors including the Teachers too.

👍 Complete your all given written work in your Music register and Make Music file work too.



SUBJECT: COMMERCIAL ART

Human Drawing -:

Make different types action figure of human drawing in different age like 5 year old ,10 year old ,25 year old ,60 year old . To make Human figure drawing(male and female figure) on paper with help of drawing pencil shading or in line drawing.

Use material :-

Drawing pencil like 2b, 4b, 6b, 8b,10b.

Half Cartridge sheet, Eraser ,Scale (For Border line).

Only For Special Student Commercial Art:-

make any 5 portrait of famous personality with poster colour on paper or pen and ink or mix media(Like use - Pencil colour, Sketch colour ,Watercolor ,Oil pastel ,Dry colour ,use anything in mix media)

SUBJECT: HISTORY

Holiday Home work

Class 11

*** Frame objective question answers from chapter 1 to 4.**

*** Learn all four chapters thoroughly for test.**

***Paper presentation based on research work on any two historical places/ museum of world.**

Collect information from different websites, virtual tour, literature etc.

SUBJECT: GEOGRAPHY

- Revise all lessons done online (video, audio, mapwork)
- Frame 10 MCQ for each lesson
- Revise world map (All continents and oceans)
- Do maps related with lessons
- Collage making on a Doctors as warriors for Covid-19

SUBJECT: POL. SC.

- Revise all lessons done online (video, ppt)
- Frame 10 MCQ for each lesson along with assignment questions
- **Project Work:**
 - 1. The Project work will be of 20 marks. 2. Out of 20 marks, 10 marks are to be allotted to viva voice and 10 marks for project work. (5M viva+ 5M register + 2M Synopsis+8M group activity)
 - 3. The project can be individual/pair/group of 4-5 each. The Project can be made on any of the topics given in the syllabus of a particular class. 5. The suggestive list of activities for project work is as follows:- - Role Play, Skit, Presentation, Model, Field Survey, Mock Drills/Mock Event etc.
 - **TOPICS: (Sample topics)**
 - a) Right to Privacy
 - b) Electoral malpractices in India
 - c) Dynasty in Indian politics
 - d) Censorship and Banning of books , plays, films and websites.
 - e) Landmark judicial cases of India(Women oriented)
 - f) Triple Talaq
 - g) Preventive Detention Acts India
 - h) Presidential vs Parliamentary Democracy
 - i) NOTA
 - j) Dissent of restless regional leaders: States vs Union
 - k) More equal vs Less equal: #metoo reboots ways of workplace

SUBJECT: HOME SCIENCE

- 1. Thoroughly learn the chapters done so far. Complete the assignment given, based on each of the chapters.**
- 2. Make a recipe book consisting of healthy snack recipes for adolescents.**
- 3. Study labels on Food products, Consumer durables, Drugs and cosmetics and Fabric and apparels. Draw any 2 labels with all the information present on them .**
- 4. Prepare a report on various issues of agreement and disagreement with your parents, siblings, friends and teachers.**