

DAV PUBLIC SCHOOL, PUSHPANJALI ENCLAVE
SUMMER BREAK HOMEWORK (SESSION 2025-26)

Class XI

Take care of yourselves...

*Eat healthy, take proper rest, Study hard with honesty and total Concentration
Value Time, People and Relationships, Be positive and inspiring*

►► ENGLISH

Q1. "My grandmother accepted her seclusion with resignation. She rarely left her spinning wheel to talk to anyone. From sunrise to sunset, she sat by her wheel, spinning and reciting prayers"

Based on the plight of elderly, as mentioned by Khushwant Singh in 'The Portrait of a Lady' Conduct a Survey in your locality/ family (4-5 candidates) and prepare a short report (4-5 pages) on

SENIOR CITIZENS IN MODERN INDIA

Highlight the major challenges, economic/ physical /emotional problems faced by them , reasons, their needs , government policies /schemes , volunteers and NGOs , role of youngsters in helping the elderly, old age home/ senior citizens care centres, suggestions.

Q2. Man is inquisitive and innovative in nature. Thrill ,excitement, adventure compel him to explore the unknown and conquer the challenges. Explorers such as Vasco de Gama, Columbus, James Cook, exemplify the adventure of spirit of human beings.

Write a short Bio-Sketch of an influential / famous person you admire and mention in a paragraph, how he/she has inspired you to achieve your goals. (200 words)

Q3. Revise the following chapters for the UNIT TEST –
(Prose)

1. The Portrait of a Lady
2. We're not afraid to die...

(Poetry)

1. A Photograph

►► PHYSICS

1. Revise the chapters done in the class.
2. Practice assignments shared in the class groups.
3. Do multiple choice questions and numericals for the topics covered in the class.
4. Complete your practical files.
5. Do research work for your project.

►► CHEMISTRY

- 1) Revise the chapters done in class.
- 2) Complete the NCERT questions in your class notes copy.
- 3) Complete your Practical Files .
- 4) Practice assignments of the chapters done in class .

►► BIOLOGY

- To prepare for the UT 1
- Syllabus - I ,II and III units
- LEARN AND REVISE EVERYTHING FROM NCERT.
- To complete the practical file work
- To prepare portfolio on the given topics:
A.FROG
B..DIGESTIVE SYSTEM OF MAN

►► COMPUTER SCIENCE

1. Revise NCERT BOOK Chapters 1,2 and 5 done in the class.
2. Do Practical, Boolean Assignment shared in the class group.
3. Write/Paste printout of Python program with output for following questions -

HOLIDAYS H.W. - PRACTICAL -4 (USING SCRIPT MODE)

1. WAP to print your report card for Xth by inputting your name, class-sec, father name, mother name, Dateof birth, Rollno and marks in 5 subjects. Calculate total and %age. Print in following format – (Use repetition operator, escape characters '\n' and '\t wherever needed)

```
*****
                        STUDENT NAME -          DATE OF BIRTH -
                        MOTHER NAME-           CLASS-SEC -
                        FATHER NAME -          ROLL NO. –
*****

SUBJECT NAME          MAXIMUM MARKS          MARKS OBTAINED
*****
HINDI                  100
ENGLISH                100
MATHS                  100
SCIENCE                100
SST                    100
*****
TOTAL MARKS            500                    %AGE :
*****
```

2. WAP to input a number and print its table up to 10 using print statements.
Eg -

```
*****Table of 5 *****
5x1=5
5x2=10 and so on
```
3. WAP to input a number and print its power from -1 to -5 using exponential operator.
4. WAP to input a number and print its power from 1 to 5 using exponential operator.
5. WAP to record highest temperature for last week of May 2025 and print average highest temperature.
6. WAP that asks the user to enter one's name and age. Print out a message addressed to the user that tells the user the year in which he/she will turn 100 years old.

4. Design a Poster (SAVE IN .JPG OR .PDF) using Canva (<https://www.canva.com/>) on the topic allotted as per your Roll No. and submit on <https://forms.office.com/r/gYb2Ls7pmt> using your Microsoft teams school login id and password.

ROLL NO.	Theme - Cyber Crime Prevention
1-5	Digital Arrest
6-10	Online shopping fraud
11-15	KYC scam
16-20	Smartphone scams
21-25	Cyber slavery
26-30	Deepfake Cybercrimes
31-35	Online Gaming
36-40	Mobile Application APK Scams
41-45	Remote access Fraud
46-50	Secure Browsing

►► **MATHEMATICS**

1. Complete the maths activity file.
2. Revise the chapters done in the class.
3. Do the assignments in the Assignment Register.Link for the same is shared below.
4. https://drive.google.com/drive/folders/13aRA1hXR4PdVH0QuqxNLggagw_HzZn8S?usp=sharing

►► **ENGG. GRAPHICS**

Practice

- writing in capital letters in given ratio of
- 10:7 ,7:4 ,3:5.(five sentences of each).
- To draw parallel lines
- To draw triangle, square, pentagon (both methods) ,hexagon, angle 108°with -out D.
- Ellipse (all methods done in class).
- Parabola, involute.
- To draw a straight line equal to circumference of the given circle.

►► **BUSINESS STUDIES**

1. Complete the assignment of chapter 1.
2. Decide the groups for business studies activities. List of activities is already provided. Complete the activities and upload on the drive link provided .
3. Prepare for unit test to be held in July.

►► **ECONOMICS**

- 1.Complete the given assignments.
- 2.Revise for your first Unit Test.

►► **ACCOUNTANCY**

1. Complete text book questions of chapters 2 and 5.
2. Do the assignments shared in class .
3. Go through the financial statements of a company for project work.

► GEOGRAPHY

- Assigned Group Project on Disaster management to be done as discussed in class.
- Design a poster or a comic strip on concern of melting glaciers.(IYGP)
Sheet size -A4 or A3 . It should be creatively designed/painted with a message.
- Assignments to be completed.

►► HOME SCIENCE

1. Project work assigned to be done as discussed in the class.
2. Assignments to be completed.

►►► FOOD PRODUCTION

1. Revise the chapters done in the class.
2. Do extra questions for the topics covered in the class.

►► INFORMATICS PRACTICES (IP)

- Revise Chapter 1 and 3 from NCERT book.
- Complete the Practical file (13 practicals)

Education Infographics (Digital) Design

Design a 1 page attractive Education Infographics using CANVA.

1. Visit <https://www.canva.com> .



Education

2. Click on



Education Infographic (Digital)
800 x 2000 px

3. Click on
4. Design as per the topic allotted.

<u>CLASS AND SECTION</u>	<u>TOPIC</u>
XI B	INTERNET OF THINGS (IoT)
XI F	ARTIFICIAL INTELLIGENCE (AI)
XI G	BLOCKCHAIN TECHNOLOGY

Save the file as StudentName_XI<section>_IP_<topic>.pdf and submit the Infographics pdf on the given form link using ur Microsoft Teams ID by 30 June 2025.

Link to upload pdf : <https://forms.office.com/r/E7TujkgyEK>

OR

Scan to upload pdf:



►► PSYCHOLOGY

1. Prepare a hand made magazine of psychology on A4 size sheets. (minimum pages 5)
2. Complete Assignment of Chapter 1. What is Psychology?

►► POLITICAL SCIENCE

- A. Revise the chapters covered in the class for your first Unit test.
- B. Select a topic for your Project work, from the prescribed syllabus and prepare a synopsis for it.
- C. Students will prepare the following topics for classroom presentation (divided roll no. wise) :
 1. Voltaire' statement
 2. An understanding of Differential treatment and reserved constituencies using examples.
3. In your political science notebook make a list of public religious activities that take place in your Village or city. Discuss what could have happened if this right was not available to people in your locality. Write your thoughts in points.
4. Make a colorful presentation on the various writs mentioned in the Indian Constitution. Use examples to explain each WRIT, according to your own understanding.

►► HISTORY

- A. Revise Theme 1 & 2
- B. Select your project topic and conduct related research work.
- C. Art Integration Activity - Make a 3min. Video /PPT on any one of the following-
 1. Realistic Art
 2. Cities of Mesopotamia
 3. Monuments of Rome
 4. Humanist Thinkers

►► MARKETING

1. Prepare a Synopsis for a Project on any of the given topics:
 - a) Evolution of Marketing Philosophies.
 - b) Maslow's Need Hierarchy Theory and its applicability in business.
1. Complete the given assignment.
2. Prepare well for the first Unit Test.

►► ARTIFICIAL INTELLIGENCE

You are required to complete the following:

1. Use the Collab file that has been shared with you via your email IDs.
2. Complete all the questions mentioned in that Collab file.

3. Refer to the link below for the Python-based questions you need to work on:

https://docs.google.com/document/d/1p6d31MKoU9F_5ldKfuuIGMz9EES4t3XqZYfOfRwk58s/edit?usp=sharing

Important Instructions:

- *All answers must be written directly in the Collab file provided to you.*
- *Make sure your work is neatly organized and completed on time.*
- *This homework is mandatory and will be reviewed during the next practical session.*

►► PHYSICAL ACTIVITY TRAINER (PAT)

*Complete following work in a file from physical activity trainer book. paste related pictures also

1. Define health triangle. draw figure 1.1 page 7
2. Physical health figure 1.2 page 8
3. Traits shown by mentally healthy person page 9
4. Define somato typing types of body composition figure 1.6 page 13
5. Structuring physical activity sessions page 22
6. Football lesson on ball control page 25 26
7. Basketball lesson on wall control page 29 30 31
8. Volleyball lesson on basics skills of volleyball page 34 35
9. Cricket lesson on basics skill of batting page 38 39
10. Sprint page 40 41 42
11. Take printout of page number 62 to 68 write name and the usage of the props.
12. Checklist for the inspection of play area Page 71 to 74
13. First aid definition purpose and principle page 87
14. Prince train and RICE page 91
15. CPR page 99,100

STAY BLESSED, STAY HAPPY!