



JYANTI PRASAD

D.A.V. PUBLIC SCHOOL

• GANAUR •



JYANTI PRASAD D.A.V. PUBLIC SCHOOL

DAV

SUMMER HOLIDAYS' HOMEWORK

CLASS: XI Arts

SESSION 2026-27

DATE: 25 MAY 2026 TO 30 JUNE 2026



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GENERAL INSTRUCTIONS

1. Complete the holiday homework neatly and sincerely.
2. Use a separate notebook/file as instructed by the subject teacher.
3. Write your name, class, section, and roll number clearly on every notebook/project.
4. Maintain proper handwriting and presentation.
5. Do the work independently. Parents may guide, but students should complete the work themselves.
6. Submit the homework on the reopening day after summer vacation.
7. Revise the syllabus covered in class regularly during the holidays.
8. Read newspapers, storybooks, and other informative materials daily to improve language skills.
9. Practice writing, reading, and learning tables/formulas every day.
10. Avoid excessive use of mobile phones, television, and video games.
11. Spend quality time with family and follow a healthy daily routine.
12. Keep your surroundings clean and follow good habits.
13. Participate in creative activities such as drawing, craft, yoga, gardening, or music.
14. Learn something new during the holidays and make productive use of your time.
15. Complete all projects and activities as per the given instructions.
16. Students are advised to stay safe and take care during the summer season.
17. Drink plenty of water and avoid going out in extreme heat unnecessarily.
18. Holiday homework will be assessed after the vacation.

POLITICAL SCIENCE

(I) WRITTEN ASSIGNMENT: -

1. Explain in detail the following fundamental rights (with their Articles)

- RIGHT TO EQUALITY

- RIGHT TO LIBERTY AND PERSONAL FREEDOMS

- RIGHT TO FREEDOM OF RELIGION

- RIGHT AGAINST EXPLOITATION

- CULTURAL AND EDUCATIONAL RIGHTS OF MINORITY GROUPS

- RIGHT TO CONSTITUTIONAL REMEDY

2. Explain the Directive principles of state policy? write about their relationship with fundamental rights?

3. Which of the fundamental right is in your opinion the most important right? Summarise its provisions and give arguments to show why it is most important.

4. Write a short note on fundamental duties.

(II) ACTIVITY: - Find out about the articles, parts and schedules of Indian constitution

1. At the time of independence.

2. In today's scenario

3. (III) READING TASK – 1. Read newspapers especially the Editorial page every day.

4. 2. Read more about Indian constitution.

GEOGRAPHY

1. Prepare Notes of the following Chapters.

2. Do all Question Answers given in the back Exercise of the following Chapters.

3. Make 15 Questions of 1 marks from each chapter of the Following Chapters.

a. Book 1:

Fundamental of Physical Geography: i.

Ch. 1-Geography as a Discipline ii.

Ch. 4- Distribution of oceans and continents b.

Book 2:

India Physical Environment i.

Ch. 2 Structure and Physiography

5. Do all Map Works also given in these Chapters

5. Project Work: Select forest as a natural resource

1. Prepare a map of India showing the distribution of different types of forests.

2. Write about the economic importance of forests for the country.

3. Prepare a historical account of the conservation of forests in India with a focus on Chipko movements in Rajasthan and Uttaranchal

हिंदी

प्रश्न 1.. सोशल मीडिया का युवा पीढ़ी पर प्रभाव विषय पर परियोजना तैयार कीजिए।

प्रश्न 2. निम्नलिखित विषयों पर रचनात्मक लेख लिखिए

क) पर्यावरण और हमारा भविष्य

ख) विज्ञापन का चमत्कार

ग) अगर जानवर बोल पाते

प्रश्न 3. अपने स्कूल में इंग्लिश अध्यापक पद के लिए आवेदन भेजना है। इसके लिए एक आवेदन पत्र लिखिए।

प्रश्न 4. बचत खाते में अपना नाम व पता सुधारने हेतु बैंक मैनेजर को पत्र लिखिए।

प्रश्न 5. अपने आसपास प्रचलित खानदानी और पुश्तैनी व्यवस्थाओं की सूची तैयार कीजिए।

. कक्षा में कराया गया कार्य याद कीजिए और

जिनकी कॉपी पूरी नहीं है वह अपनी कॉपी

पूरी कीजिये ।

English

1. Read the following carefully and make a question bank containing at least 100 questions to be used in '**Interclass Quiz Competition**'.

Hornbill:

Lesson 1-The portrait of a Lady

Lesson 2- We Are Not Afraid to Die..

Poem 1- A Photograph

Snapshot:

Lesson 1- The Summer of Beautiful White Horse

2. Read lesson 'The Ailing Planet...'

and frame notes covering the whole detail given in the lesson.

3. Prepare yourselves for an Inter-class Debate Competition on the topic '**Technology: Boon or Bane**' to be held in July (tentative).

4. Prepare a poster on '**Child Labour**' on a chart.

5. Watch the movie 'Yashoda' and write an elaborated review of it. Also draw a pen Portrait of main characters.

6. Draft an audio visual advertisement for the promotion of any of your favourite things. You may work in a group of maximum 5.

The best one will be awarded.

7. Make a catchy detailed project on the The life and works of

The Father of English Poetry:

Geoffrey Chaucer (1-5)

William Shakespeare (6-10)

William Wordsworth. (11-15)

T S Elliot (16-20)

John Milton (21-25)

Shashi Tharoor (25-30)

Note:

- Questions 1-3 are to be done in the Holidays Homework notebook.
- Questions 5 & 7 are to be done on A4 assignment sheets in a presentable way.
(Use good quality of Assignment sheets and files)

Mathematics

Ch. 1 - Sets

Ex. - 1.4 (all questions)

Ex. - 1.5 (all questions)

Ex. - 1.6 (Shared by Teacher in group)

Ch. 2 - Relations and Functions

Ex. 2.1 - Q.No. 3, 4, 5, 9, 10

Ex. 2.2 - Q.No. 1, 3, 5, 8, 9

Ex. 2.3 - Q.No. 1, 2, 5

Misc. Ex. - All Questions

(Note - Do practice of all functions with diagrams)

Ch. 4 - Complex Numbers

Misc. Ex. - All questions

Ch. 5 - Linear Inequalities

Ex. - 5.1 - All Questions

Misc. Ex. - All Questions

Note - Do holiday homework in a Separate New A4 plain paper Register.

Economics

- Chapters Covered:
 1. Introduction to Statistics
 2. Collection of Data
 3. Organisation of Data
 4. Presentation of Data (Textual, Tabular, Diagrammatic)
 5. Measures of Central Tendency (Mean, Median, Mode)
 6. Measures of Dispersion

Section A: Concept-Based Work

1. Chapter Summaries (in your own words):

Write a short summary for each chapter covering key concepts in your homework notebook:

- Introduction: Importance of statistics in economics and its scope.
- Collection of Data: Primary vs. Secondary data; Census and Sampling methods.
- Organisation: Classification of data and frequency distribution.
- Presentation: Geometric, Diagrams, and Tabulation rules.

- Central Tendency & Dispersion: Purpose of averages and understanding data spread.

Section B: Creative Work

2. Make a Statistical Presentation Chart:

Create a colourful flowchart or mind map showing the different methods of Data Presentation.

- Include examples for Tabular, Diagrammatic (Bar & Pie charts), and Graphic presentation.
- Highlight the key features and when to use each method.

Section C: Assignment

3. Assignment Questions:

1. Explain the main characteristics of Statistics in the plural sense. Why is it said that "All statistics are data, but all data are not statistics"?
2. Distinguish between Primary Data and Secondary Data. Mention any two sources of secondary data.
3. Explain the 'Scattering Method' of data collection. What are the advantages and disadvantages of using a Questionnaire?
4. Differentiate between: i) Inclusive and Exclusive series, ii) Simple Bar Diagram and Multiple Bar Diagram.
5. Define the following terms: i) Frequency, ii) Class Mark, iii) Ogives, iv) Range, v) Standard Deviation.
6. Calculate the Arithmetic Mean for the following data using the Step-Deviation method: (Marks: 0-10, 10-20, 20-30, 30-40, 40-50 | Students: 5, 12, 20, 10, 3)
7. What is a Lorenz Curve? Mention its significance in measuring dispersion.
8. Write down the formulas for: Median in continuous series, Mode in continuous series, and Coefficient of Variation.

History

1. Read and complete chapters done in class and learn all the long as well as the short questions.
2. Do practice map work. .(chapter 1 2 3,)
3. Timeline Wall Hanging

Create a long colorful timeline with:

- Dates

- Pictures
- Important events
- Symbols

Can be made using chart paper or ribbon.

4. Foldable Lapbook

A colourful folder with mini pockets, flip cards, quizzes, and facts about one chapter. Looks attractive and interactive.

Physical Education

1. Write your practical file neatly and complete all the pending work.
2. Prepare assignments for Lesson 1 and Lesson 4.
3. Solve the case studies given in Lesson 1 and Lesson 4.
4. Prepare a project on Yoga using A4-size sheets with proper presentation and illustrations.
5. Prepare an assignment on Pranayama and Kriyas.

IP

Part I: Chapter 1 — Computer System (6 Questions)

- **Question 1 :** *Data Volatility Flow* — Explores the step-by-step transition of input metrics from volatile primary memory (RAM) to safe permanent secondary storage blocks when unexpected power outages occur.
- **Question 2 :** *The Impact of Chip Scaling* — Investigates the evolution from vacuum tubes up to modern VLSI/SLSI microprocessors packing millions of components, analyzing its physical impact on raw processing speeds and heat efficiency constraints.
- **Question 3 :** *Cache Memory Architecture* — Evaluates why engineers are structurally and financially unable to omit slower RAM chips completely, despite Cache memory being vastly faster.
- **Question 4 :** *Device Drivers vs. System Utilities* — Formulates an engineering diagnostic scenario contrasting what happens when a device driver is missing versus a diagnostic system utility.
- **Question 5 :** *OS Boundary Enforcement* — Investigates how an operating system functions behind the scenes as a resource manager to prevent multi-tasked background applications from overwriting each other's memory sectors.
- **Question 6 :** *Software Optimization Categorization* — Analyzes a specialized business ecosystem to justify why custom-built customized software must be used instead of standard general-purpose application tools.

Part II: Chapter 2 — Emerging Trends (6 Questions)

- **Question 7 :** *The Turing Simulation & NLP* — Examines how Natural Language Processing models map translation frameworks (speech-to-text / text-to-speech) across languages explicitly noted in the textbook (such as Hindi and English) to pass conversational simulations.
- **Question 8 :** *Virtual Reality vs. Augmented Reality* — Compares human sensory interactions inside immersive training systems, detailing when a driving simulator requires full VR versus an AR overlay platform.
- **Question 9 :** *The Velocity Vector in Big Data* — Analyzes processing challenges that arise when massive data streams (like regional traffic monitoring or live digital cash transfer data grids) hit storage networks faster than they can be parsed.
- **Question 10 :** *IoT Schematic Frameworks* — Asks students to design a conceptual blueprint tracking an automated smart home security network, labeling its Sensor components, internet-based transport layer, and output interface.
- **Question 11 :** *Cloud Service Delivery Decisions* — Places students in a consultant role to weigh IaaS, PaaS, and SaaS, deciding which model best handles code execution environments without requiring server upkeep.
- **Question 12 :** *Blockchain Cryptographic Immutability* — Evaluates how a decentralized ledger securely links blocks chronologically, preventing malicious tamper-points compared to central database clusters.