

SUMMER VACATION



JYANTI PRASAD DAV PUBLIC SCHOOL
GARHI JHANJHARA ROAD, GANAUR
(UNDER THE DIRECT CONTROL OF DAV CMC, NEW DELHI)



HOLIDAYS' HOMEWORK

SESSION: 2025-26

CLASS: XII ARTS

FOR ANY QUERY CONTACT: 0130-2450641, 9468043075

A fully English medium and the best school in area for
all round development of students.

TOGETHER WE CAN

FROM JUNE 01, 2025 TO JUNE 30, 2025

Dear parents

We wish you a very happy and fruitful time with your children. Summer vacation is the most awaited time for the students as they want to play, enjoy and relish with their friends, neighbours and relatives. This is a time for them to stay away from the mundane schedule of daily life. They want to enjoy it in leaps and bounds. But we request you to keep their energy channelised. You should be a part of their enjoyment but time and again a check is required. Now it's your responsibility to make them stay connected with their studies along with fun and frolic & encourage them to do their homework in a neat and tidy manner.

Here are some of the suggested activities that you can do as a family:

- 1. Prepare a well-being plan for self.*
- 2. Stick to routines or starting new ones.*
- 3. Get up and go to sleep at regular times.*
- 4. Help them explore new hobbies and interest.*
- 5. Do karaoke, read, solve puzzles, play board games, etc.*
- 6. Keep a gratitude journal. Writing down three things you are grateful for every day. Congratulate yourself and others on having a "MEGA DAY".*
- 7. Take out time for Reading, Music, Dance, Singing, and Laughing.*
- 8. Set Challenges- Encourage each other to take up new activities and complete them.*
- 9. Be Creative with Space- Find a corner in the house and allow yourself and your children to decorate it.*
- 10. Involve your children in household activities also.*
- 11 Learn foreign languages through online courses available.*
- 12. Take them for outing to place of their interest & let them explore the world.*
- 13. Communicate with your children and let them know you fully.*

As parents you are requested to keep a watchful eye on your children and stop them from engaging in :

- 1. Excessive use of mobile phones.*
- 2. Playing online games*
- 3. Spending a lot of time alone away from family members.*

Be Safe



We're doing our homework to make sure we're prepared. - Gary Gait

Thomas A. Edison says “Genius is one percent inspiration and ninety-nine percent perspiration. As a result, a genius is often a talented person who has simply done all of his homework.”

General Instructions:

- 1. Do your Homework in a separate 3 in 1 notebook (classes 1 and 2) & cover it properly.*
- 2. Do your Homework in separate 10 rs/- notebooks subject wise (classes 3 to 12) & cover it properly.*
- 3. Mention your details on your holiday's homework.*
- 4. Start your homework from very beginning of holidays to avoid stress and ensure high quality work as it has been assigned.*
- 5. Dedicate a specific time each day on your homework.*
- 6. Choose a dedicated area that is free from distraction to focus on your work.*
- 7. Present your homework in a neat and logical manner.*
- 8. Use clear handwriting, proper formatting and consistent spacing.*

Note:

- The best holiday homework of each class will be awarded.*
- It is a part of internal assessment for the final examination.*

Warm Regards
PRINCIPAL

SUBJECT-ENGLISH

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

Flamingo:

- Lesson 1- The Last Lesson
- Lesson 2- Lost Spring
- Poem 1- My Mother at Sixty-Six
- Poem 2- Keeping Quiet

Vistas:

- Lesson 1- The Third Level
- Lesson 2- The Tiger King

2. Write a Debate on the topic 'Should Countries Prioritize Counter terrorism efforts or Focus on Addressing the Root Cause of Terrorism'.

3. Write an article on the topic 'Nature has Become Revengeful' in 150-200.

4. You are going to celebrate the 50th marriage anniversary of your grandparents. You want to arrange a grand function. Draft an invitation for the same.

5. Make a catchy & elaborated project (15-20 pages) on any one of the following according to the roll numbers mentioned against each topic:

- a. Indian Mythology: Exploring the rich tradition of Indian mythology and its significance in Indian culture and society. (Roll No. 1-5)
- b. Social Media: Fifth Pillar of Society (Roll No. 6-10)
- c. Cyber Crime: Types, Ways to escape and laws against it (Roll No. 11-15)
- d. Moral Degradation in Indian Youth: Reason, consequences, ways to check etc. (Roll No. 16-20)
- e. Juvenile Delinquency (Roll No. 21-25)
- f. Trolley Problem (Roll No. 26-30)
- g. Old Age Homes (Roll No. 31-36)

6. **Anthology* Creation:** Each and every student of the class will a short story or poem (self-composed) based on the theme of 'School, Teachers, Parents and Students.

Anthology is a book that contains pieces of writings like short stories or poems on the same subjects, by different authors.

Note:

Questions 1- 3 are to be done in fair notebook.

Question 3 is to be done on a drawing sheet.

Question 4 is to be done on drawing sheet and should be a creative presentation.

Question 5 is to be done on A4 assignment sheets. (Use good quality of Assignment sheets and file.)

Question 5 & 6 are to be assessed as final project. Only the presentable and complete ones will be accepted.

SUBJECT-POLITICAL SCIENCE

1- Read the newspaper daily and prepare a collage on the highlighted issues in Indian polity. General Instructions:

- A. It should be on A3 size of sheet.
- B. It should be Well presented
- C. Paste newspaper clippings of the issues that you have selected.

2- Read and revise the chapters taught in the class.

3- Political Science project- prepare a project according to CBSE guidelines
Some suggested topics are: **(DO ANY FIVE OF THEM)**

- 1. NAM- 1961 to present times.
- 2. CIS-Central Asian Republics
- 3. Disintegration of USSR with special focus on Gorbachev.
- 4. Arab Spring
- 5. Cover the negative as well as positive aspects of relationship between India and the following countries. Focus on any one of the following (current updates should be highlighted):

- a) Relationship between India and Russia
- b) Relationship between India and China
- c) Relationship between India and Pakistan
- d) Relationship between India and Bangladesh
6. ASEAN
7. European Union and BREXIT
8. BRICS
9. SAARC
10. India's Nuclear Policy
11. United Nations with focus on India's candidature in Security Council.
12. UN Agencies – UNICEF, UNESCO, WHO
13. Pandemics: Covid 19- Its global impact (focus on worldwide cooperation and preparedness along with controversies (please collect newspaper clippings for the same)
14. Partition of India-Theory behind it and its legacy
15. Comparison between NITI AAYOG and Planning Commission and their contribution in India's Development.
16. Election 2019- Rise of BJP and Downfall of Congress (1989-2019).
17. Emergency – A blot on Indian Democracy
18. NDA III and NDA IV – Social and Economic welfare programme

SUBJECT-HISTORY

- ❖ Choose a specific episode from “Bharat Ek khoj”.
 - Ashoka
 - The Vedas
 - The coming of the Mughals or
 - Any other topic, showing in this episode.
- ❖ Focus on a different aspect of the episode
 - Historical facts
 - Key characters
 - Socio Political context
 - Cultural elements (art, language, clothing)
 - Compare past and present
- ❖ Read and do revision of chapters done in classroom.

Do practice of map work.

SUBJECT-GEOGRAPHY

1. Give three reasons for the countries with low human development index value.
2. What is human development? Explain the four major approaches of human development.
3. Explain the concept of Possibilism with suitable examples.
4. 'Development is a qualitative change, which is always value positive.' Evaluate it citing suitable examples.
5. Define neo-determinism and support your answer with the concept of traffic signal.
6. Pyramid with bell shape and tapered towards top is associated with constant population. Explain.
7. Equality is one of the most important pillars of human development. Explain any three human values that are required to give access to opportunities to everybody.
8. Describe in brief the different trends of population growth in the world from early period to modern world.
9. Write a brief account of growth of adolescent population and mention the problems of this population. What steps have been taken by the government?

10. Study the data and answer the questions given below:

DECADAL GROWTH RATE (1901-2001)

YEAR GROWTH RATE (In percentage)

1901	-
1911	5.75
1921	0.31
1931	11.60
1941	14.22
1951	13.31
1961	21.51
1971	24.80
1981	24.66
1991	23.85
2001	21.54

a) Define the term growth rate of population.

b) Which decade shows a negative growth rate of population? What is the main reason for the decline in population during this period?

c) Which decade is referred to as the period of population explosion?

d) Why has the population growth declined in the last two decades? Give reasons.

11. Practice all the related diagrams and maps present in the book done till date.

12. Go through all the chapters and notes completed in the class.

हिंदी

प्रश्न 1. निम्नलिखित विषयों पर रचनात्मक लेख लिखिए ।

क) वन रहेंगे हम रहेंगे

ख) समय के साथ चलना जरूरी

ग) देश के महानगरों में पानी की गंभीर समस्या

प्रश्न 2. निम्नलिखित प्रश्नों के उत्तर लिखिए

क) आत्म-परिचय कविता में कवि ने संसार को क्या संदेश दिया है?

ख) 'बाजार दर्शन' पाठ में किस प्रकार के ग्राहकों की बात हुई है? आप स्वयं को कैसा ग्राहक पाते हैं?

ग) लछमिन और महादेवी के नाम में क्या विरोधाभास था?

घ) संसार किन लोगों को महत्व देता है और क्यों?

ड) कवि ने स्नेह को सुरा क्यों कहा है संसार के प्रति उसके नकारात्मक दृष्टिकोण के क्या कारण हैं?

प्रश्न 3. महिला शिक्षा की अनिवार्यता पर परियोजना तैयार कीजिए।

अभ्यास और पुनरावृत्ति-

भक्तिन, बाजार दर्शन, आत्म परिचय, दिन जल्दी-जल्दी ढलता है व सिल्वर वेडिंग पाठों का अभ्यास व पुनरावृत्ति कीजिए।

SUBJECT-PHYSICAL EDUCATION

1) Write Practical File.

2) Complete Notebook ch:- 1st to 4th.

3) Do Case Study of lesson 1,4 & 8th.

4) Learn lesson 1st to 4th & all case study.

SUBJECT-INFORMATICS PRACTICE

Assignment – I

1.The count() function in MySql is an example of _____.

2. Write the output of the following SQL command
select truncate(45.87,-1);

3. _____ is a network device used for modulation and demodulation of signals.

4. Write the SQL command that will display all database's names.
5. The ____ command can be used to make changes in the columns of a table in SQL.
6. Consider the table STUDENT given below:

RollNo	Name	Class	DOB	Gender	City	Marks
1	Anand	XI	6/6/97	M	Agra	430
2	Chetan	XII	7/5/94	M	Mumbai	460
3	Geet	XI	6/5/97	F	Agra	470
4	Preeti	XII	8/8/95	F	Mumbai	492
5	Saniyal	XII	8/10/95	M	Delhi	360
6	Maakhiy	XI	12/12/9	F	Dubai	256
7	Neha	X	8/12/95	F	Moscow	324

- (i) Write the command to display the name of the oldest student?
- (ii) State the command to display the average marks scored by students of each gender who are in class XII?
- (iii) Kavita has given the following command to obtain the lowest marks:-
 Select max(marks) from student where group by class;
 but she is not getting the desired result. Help her by writing the correct command.
- (iv) Write the output of following command:-
 Select RollNo, Marks from student order by DOB;
- (v) State the output of following command :-
 Select round(456.34,1) from student where class = 'XI';

7. Consider the following DataFrame **df** and write python command for any four questions from (i)-(v)

	Color	Count	Price
Apple	Red	24	20
Apple	Green	17	19
Pear	Red	22	18
Pear	Green	20	24
Lime	Green	20	18

- (i) Find all the rows with the label "Apple". Extract all columns.
 - (ii) List fruits with count more than 17.
 - (iii) List single True or False to signify if all prices are more than 10 or not.
 - (iv) List 2nd, 3rd and 4th rows.
 - (v) List only columns Color and Price using loc.
8. Consider the decimal number x with value 5236.5478. Write commands in SQL to:-
 - i. round it off to a whole number
 - ii. round it to 3 places **before** the decimal.
 9. John writes the following commands with respect to a table employee having fields, empno, name, department, commission.

Command1 : Select count(*) from employee;

Command2: Select count(commission) from employee;

He gets the output as 4 for the first command but gets an output 3 for the second command. Explain the output with justification.

10. Consider the following SQL string: "Coordinator"

Write command to display :-

- ORD
- the position of the substring 'nat' in the given string.

11. Consider the same string : "Coordinator"

Write command to display :-

- the last 4 letters of the string
- number of character in the string

12. A relation "CAR" is given below :

V_no	Type	Company	Price	Qty
AW125	Wagon	Maruti	250000	25
J0083	Jeep	Mahindra	4000000	15
S9090	SUV	Mitsubishi	2500000	18
M0892	Mini van	Datsun	1500000	26
W9760	SUV	Maruti	2500000	18
R2409	Mini van	Mahindra	350000	15

Write SQLcommands to:

- Display the maximum price of each type of vehicle having quantity less than 30.
- Count the type of vehicles manufactured by each company.
- Display the average price of all the types of vehicles.

13. Write a program in Python Pandas to create the following DataFrame Student from a Dictionary:

RNO	Name	Term1	Term2
1	Ravi Kishan	90	80
2	Geeta Goel	65	45
3	Shiv Kumar	70	90
4	Shyam Garg	80	76

Perform the following operations on the DataFrame :

- Add the Marks of both terms of the student and assign to column "Total".
- Display the lowest score in both Term1 and Term2 of the DataFrame.
- Display the Dataframe.

14. Write the SQL functions which will perform the following operations:

- To display the name of the month of the current date .
- To remove spaces from the beginning and end of a string, " Panorama ".
- To display the name of the day eg, Friday or Sunday from your date of birth, dob.
- To display the starting position of your first name(fname) from your whole name(name).
- To compute the remainder of division between two numbers, n1 and n2

15. Consider the following table "GYM" :-

ICODE	INAME	PRICE	OPENING DATE	BRANDNAME
G1	Power Fit Exercise	20000	29-10-2019	Power Gynea
G2	Aqufit Hand Grip	1800	13-03-2018	Reliable
G3	Cyber Bike	14000	18-03-2017	Ecobike
G4	Protoner Extreme Gym	30000	31-12-2018	Coscore
G5	Message Belt	5000	23-01-2010	Message Expert

Write SQL queries using SQL functions to perform the following operations:

- Display brand name and price after rounding off to zero decimal places.
- Display the seven characters from item name starting from fifth character.
- Display the position of occurrence of the string "ik" in item names.
- Display the month name for the opening date of Gym in capital letters.
- Display the name of the weekday for the opening date of Gym in small letters.
-

Assignment – 2

- Write outputs for SQL queries (i) to (iii) which are based on the given table
Table COURSE:

CID	CNAME	FEES	STARTDATE	TID
C201	AGDCA	12000	2018-07-02	101
C202	ADCA	15000	2018-07-15	103
C203	DCA	10000	2018-10-01	102
C204	DDTP	9000	2018-09-15	104
C205	DHN	20000	2018-08-01	101
C206	O LEVEL	18000	2018-07-25	105

- SELECT LENGTH(CNAME) FROM COURSE WHERE FEES<10000;
- SELECT CNAME FROM COURSE WHERE MONTH (STARTDATE)=8;
- SELECT MOD (FEES, DAY(STARTDATE)) FROM Course WHERE ID=104;

Consider the given table Faculty, write suitable SQL queries for the following:

Faculty_Id	First_name	Last_name	Hire_date	Salary
101	Sarika	Mishra	12-10-1997	25000
102	Naveen	Vyas	23-12-1994	18000
103	Rakesh	Sharma	25-08-2003	32000
104	Rashmi	Malhotra	18-09-2004	21000
105	Amit	Srivastava	05-06-2007	28000

Write SQL command to:

- To display details of those faculty members whose First_name ends with 't'.
 - Display all records in descending order of Hire_date.
 - Find the maximum and minimum salary.
- Q Discuss the significance of Order by clause in detail with the help of suitable example.

- Write suitable SQL query for the following:

- Display 5 characters extracted from 3th left character onwards from the string 'INDIA RISING
- Display the position of occurrence of string 'FUNDA' in the string 'PYTHON FUNDAMENTALS'.

- iii. Round off the value 453.668 to two decimal place.
- iv. Display the remainder of 120 divided by 7.
- v. Remove all the expected leading and trailing spaces from a column `student_id` of the table '**student**'.

Explain the following SQL functions using suitable examples.

- i. LCASE()
- ii. TRIM()
- iii. SUBSTR()
- iv. MONTHNAME()
- v. TRUNCATE()

SUBJECT-HINDUSTANI MUSIC (Vocal)

Prepare practical File

1. Tanpure ka itihaas
3. Taal Jhaptaal
5. Raag bhairav
7. Raag malkouns
9. Faiyaaz khan

2. Rupak Taal
4. Dhamar taal
6. Raag Bageshree
8. Bade Ghulam Ali Khan
10. Pandit Krishan rao shankar

SUBJECT-ECONOMICS

Prepare a **Powerpoint presentation** any one of the following topic:

a) Growth story of India since 1947

Solve all the following questions/ Assignment in fair-notebook

1. *Explain any four positive contributions made by britishers in india.*
2. *Discuss the principal components of a industrial policy resolution 1956.*
3. *Write the importance of subsidies in relevance to Indian farmers.*
4. *What are the drawbacks of the Green Revolution.*
5. *What do you mean by Globalisation. Give its main features.*
6. *How will Goods and Services tax be a comprehensive in direct tax . Explain it.*
7. *Discribe the important features of Captitalist Economy.*
8. *Distinguish between value of output and value added.*
9. *Do five numericals on National Income.*
10. *Prepare a mind map of National Income Measurement.*

SUBJECT-MATHEMATICS

After doing practice in Rough note-book, Do the following questions in Holiday Homework note-book neatly :

Chapter - 3 (Matrices)

Ex.- 3.1 : Q - 3, 4 (i),(iii), 6 (iii), 7, 9, 10

Ex.- 3.2 : Q - 2 (ii), 3 (ii) (v), 7 (ii), 10, 12, 13, 16, 18, 19, 20, 21, 22

Ex.- 3.3 : Q - 3, 4, 5 (i), 8, 10 (all parts)

Misc. Ex. : Full Exercise

Chapter - 4 (Determinants)

Ex.- 4.2 : Full Exercise

Ex.- 4.3 : Q - 3, 4

Ex.- 4.4 : Q - 4, 10, 11, 12, 14, 16, 17, 18

Ex.- 4.5 : Q - 4, 5, 6, 8, 11, 13, 14, 15, 16

Misc. Ex. : Full Exercise

Note : Do all examples of ch. 4 in Holiday Homework Note-book.

Chapter - 2 (Inverse Trigonometric Functions)

Ex.- 2.1 : Full Exercise

Ex.- 2.2 : Full Exercise

Misc. Ex. : Full Exercise

Note: Do all examples of ch. 2 in HH Note-book. Learn all Formulae of this chapter.

Chapter - 5 (Continuity & Differentiability)

Ex.- 5.2 : Full Exercise (except last two questions)

Ex.- 5.3 : Full Exercise

Ex.- 5.5 : Full Exercise

Note : All questions are compulsory. Test will be held of above questions after Summer vacations.