

# SUMMER VACATION



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



*HOLIDAYS' HOMEWORK*

*SESSION 2024-25*

*CLASS-XII (COMM.)*

FOR ANY QUERY CONTACT: **0130-2450641**

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

**TOGETHER WE CAN**

**FROM JUNE 01, 2024 TO JUNE 30, 2024**

## ***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. Edisonsays "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**

## **ENGLISH:**

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

Flamingo: Lesson-1 The Last Lesson

Lesson -2 Lost Spring

Poem -1 My Mother At Sixty Six

Vistas: Lesson -1 The Third Level

**2.** Write a notice to be put up on your school notice board for the students of class 12th informing about the Online Classes during Summer Vacation. Invent all the details.

**3.** You have planned to celebrate the **Golden Jubilee** of your grandparents. Draft an invitation for the same to be sent to your family, friends and relatives. Invent all the details.

**4. Make a project on the topics given below according to the roll numbers:** (At Least 18-20 pages)

Legal Literacy (1-5)

Corruption and its Consequences:(1-10)

Role of Social Media (6-15)

Juvenile Delinquency (11-20)

Care of Elderly (11-25)

Girls Right V/s Boys' Right (21-30)

Indian Mythology and Cultural heritage (26-35)

The Trolley Problem: (31-40)

**5.** Prepare a speech on above mentioned topics for speech competition to be held on July 5,2024 (tentative)

**6. Anthology\* Creation:** Each and every student of the class will write a short story or poem (self created)based on the theme of 'School, Teachers and the Students'. These will be bound together in the form of a Spiral Book. The best entry will be awarded.

**Anthology** is a book that contains pieces of writing like short stories or poems, often on the same subject by different writers

**Note: 1.** Question no. 1&2 are to be done in a holiday homework notebook.

**2.** Question number 3 is to be done on the Drawing sheet.

**3.** Question number 4 & 6 are to be done on the Assignment sheets.

## **ECONOMICS:**

1. What is entrepreneurship?
2. Define great depression with example.
3. What are the different ways in which resources can be allocated and what are their respective advantages and disadvantages?
4. What must be added to domestic factor income to obtain national income?
5. Explain the meaning of non-market activities.
6. Explain the main steps involved in measuring national income through the product method.
7. Give the meaning of autonomous consumption.
8. What is propensity to consume?
9. What is propensity to consume?
10. Explain the functions of the Central Bank of India.

Note:

- Prepare a project on banking.
- Prepare a mind map on circular flow of income.

## XII Business Studies

1. Prepare project on the following topics
  - a) Principles of Management project is to be prepared by roll no. 1,3,5,7,9,11,13,15,17,19
  - b) Marketing Management project is to be prepared by roll no. 24,6,8,10,12,14,16,18Note- project should be consist of 25 pages enclosed in in clip file.

Use pages of fine quality.

2. Revise the following questions

\*Features, levels, importance and objectives of Management

\*Coordination meaning, features and importance

\*Principles of Henri Fayol

\*Principles and techniques of Taylor

\*Marketing Functions and philosophy

\* Place mix, price mix , promotion mix and public relation

Revise the case studies of chapter 1 ,3 and 11. Links of the respective chapters are to given below:

Chapter 1:

<https://docs.google.com/document/d/1kkDC2X6uy6J8-CpcCkpmRvnx8LxPpZf0/edit?usp=drivesdk&oid=115372204790542652338&rtpof=true&sd=true>

Chapter 2:

<https://docs.google.com/document/d/1kqY24UVwWdZgMjHQn2ibAR5NXWHc2Ak1/edit?usp=drivesdk&oid=115372204790542652338>

Chapter 11

[https://docs.google.com/document/d/1kyZ0FkNeC\\_fC8mhJNNYwQW6j-TdCawci/edit?usp=drivesdk&oid=115372204790542652338&rtpof=true&sd=true](https://docs.google.com/document/d/1kyZ0FkNeC_fC8mhJNNYwQW6j-TdCawci/edit?usp=drivesdk&oid=115372204790542652338&rtpof=true&sd=true)

## **Accountancy:**

1. Do the following addition questions of chapter 1(Fundamental of partnership)  
81,85,90,94,95,96,99,103,104,105,108,109,110
2. Do all additional questions no.43 to 62 excepting 59 and 61 questions of chapter 2(change in profit sharing ratio)
3. Do all additional questions no. 88 to 101 of chapter 3 (admission of a partner)
4. Do the following questions:
  - a) Rules applicable in the absence of partnership deed
  - b) Any four difference between fixed capital account and fluctuating capital account
  - c) What is the difference between Interest on capital as a appropriation or charge?
  - d) When does the reconstitution of partnership firm take place?

Note : Do all above questions in separate note of accountancy

## **MATHEMATICS:**

1. Make a project on the topic “**FUNCTION**”

- Function
- Types of function
- Existence of inverse of a function( by drawing graph)
- Inverse of a function.

2. Do lab-manual activities in the activity file.(pdf share in maths group)

3. Solve the given assignments in the fair notebook:-

### **ASSIGNMENT -1**

Q1. Show that a function  $f: \mathbb{R}$  to  $\mathbb{R}$  defined by  $f(x) = \frac{2x}{1-x^2}$  is neither one-one nor onto.

Further, find set  $A$  so that given function  $f: \mathbb{R}$  to  $A$  becomes an onto function.

Q2. A relation  $R$  is defined on  $\mathbb{N} \times \mathbb{N}$  ( where  $\mathbb{N}$  is set of natural numbers) as  $(a,b) R (c,d) \Leftrightarrow a-c = b-d$ .

Show that  $R$  is an equivalence relation.

Q3. . A relation  $R$  is defined on  $\mathbb{N} \times \mathbb{N}$  ( where  $\mathbb{N}$  is set of natural numbers) as  $(a,b) R (c,d) \Leftrightarrow ad(b+c) = bc(a+d)$ .

Show that  $R$  is an equivalence relation.

Q4. Let  $f: \mathbb{R} \rightarrow \left(-\frac{4}{3}\right)$  be a function defined as  $f(x) = \frac{4x}{3x+4}$ . Show that  $f$  is one-one function. Also, check whether  $f$  is onto or not?

Q5. Find domain of  $y = \sin^{-1}(x^2 - 4)$ . Also, find its range.

Q6. Evaluate:  $\cos^{-1}[\cos(-\frac{7\pi}{3})]$ .

Q7. Find the value of  $\tan^{-1}(-\frac{1}{\sqrt{3}}) + \cot^{-1}(\frac{1}{\sqrt{3}}) + \tan^{-1}[\sin(-\frac{\pi}{2})]$ .

Q8. Let  $A = \{3, 5\}$ . Then number of reflexive relations on  $A$  is

- (a) 2                                      (b) 4                                      (c) 0                                      (d) 8

### **ASSIGNMENT -2**

Q1. Find the inverse of the matrix  $A = \begin{bmatrix} 1 & -1 & 2 \\ 0 & 2 & -3 \\ 3 & -2 & 4 \end{bmatrix}$ . Using the inverse, solve the system of equations:

$$x - y + 2z = 1; \quad 2y - 3z = 1; \quad 3x - 2y + 4z = 3.$$

Q2. If  $A$  is a square matrix and  $A^2 = A$ , then  $(I + A)^2 - 3A = ?$

Q3. If  $A = \begin{bmatrix} 5 & 0 & 4 \\ 2 & 3 & 2 \\ 1 & 2 & 1 \end{bmatrix}$  &  $B^{-1} = \begin{bmatrix} 1 & 3 & 3 \\ 1 & 4 & 3 \\ 1 & 3 & 4 \end{bmatrix}$ , find  $(AB)^{-1}$ . Also, find  $|(AB)^{-1}|$ .

Q4. Find the values  $x$  &  $y$  :

(a)  $\begin{vmatrix} 3 & y \\ x & 1 \end{vmatrix} = \begin{vmatrix} 3 & 2 \\ 4 & 1 \end{vmatrix}$

(b)  $\begin{vmatrix} 2x & 5 \\ 8 & x \end{vmatrix} = \begin{vmatrix} 6 & 5 \\ 8 & 3 \end{vmatrix}$

(c)  $\begin{vmatrix} x+1 & x-1 \\ x-3 & x+2 \end{vmatrix} = \begin{vmatrix} 4 & -1 \\ 1 & 3 \end{vmatrix}$

Q5. Express as sum of symmetric and skew-symmetric matrix:

$$(a) \begin{bmatrix} 6 & -2 & 2 \\ -2 & 3 & -1 \\ 2 & -1 & 3 \end{bmatrix}$$

$$(b) \begin{bmatrix} 2 & -2 & -4 \\ -1 & 3 & 4 \\ 1 & -2 & -3 \end{bmatrix}$$

Q6. Find the equation of line joining A(1,3) ,B (0,0) using determinants and find k if D(K,0) is a point such that area of triangle ABD is 3 square units.

Q7. Show that points A(a,b+c), B(b,a+b), C( c,a+b) are collinear.

Q8. Using co-factors of elements of third row ,evaluate determinant =  $\begin{bmatrix} 1 & x & yz \\ 1 & y & zx \\ 1 & z & xy \end{bmatrix}$ .

### **PHYSICAL EDUCATION:**

1. Revise unit 1 ,2 and 3
2. Prepare notes of unit 1,2,and 3
3. Prepare practical file :-

Practical File shall include:

- > Practical-1: Fitness tests administration. (SAI Khelo India Test)
- > Practical-2: Procedure for Asanas, Benefits & Contraindication for any two Asanas for each lifestyle disease.
- > Practical-3: Anyone one IOA recognized Sport/Game of choice. Labelled diagram of Field & Equipment. Also, mention its Rules, Terminologies & Skills.

### **MUSIC:**

#### **Prepare practical File:**

1. Tanpura
- 2 Taal Rupak
3. Dhamar Taal
4. Taal Jhaptaal
- 5.Raag Bhairav
6. Raag Bageshree
7. Raag Malkouns
8. Bade Guhram Ali khan
9. Fiyaz Khan
10. Pandit Krishan Rao Shanker