



# DELHI PUBLIC SCHOOL GAYA

(Under the aegis of the Delhi Public School Society, New Delhi)  
Affiliated to C.B.S.E, New Delhi Affiliation No.330530, School Code - 65572

## SUMMER VACATION ASSIGNMENT CLASS-XI (SESSION: 2025-26)

Your Summer Vacation assignment has some very interesting tasks that will make your learning session fun and engaging. So, let's start!

### ENGLISH CORE (301)

#### Creative Writing [2x10=20 Marks]

**Important Note:** The creative writing pieces from this section will be considered for the Inter-House Creative Writing Event scheduled for June. Your best work may represent your house in the competition!

#### General Instructions:

- Originality is key: All submissions must be entirely your own work. Plagiarism—copying from books, websites, or any other sources—will lead to disqualification and zero marks. We value your individual creativity and voice.
- Presentation format:
  - \* Use A4 sheets only.
  - \* Write neatly in clear, legible handwriting.
  - \* Each page must include your name, class, and section.
  - \* Mention the word count at the end of every piece.
- Creative Portfolio:
  - \* Design a hardcover folder titled "PORTFOLIO."
  - \* Begin with a self-introduction page (brief write-up about yourself).
  - \* File all your best language-based work from the holiday assignment inside this portfolio.
  - \* Arrange your A4 sheets neatly and creatively within it.
- Evaluation Criteria: Originality, imagination, clarity of expression, language use, and overall presentation will be key to your assessment.  
Let your words reflect your thoughts. Let your presentation reflect your passion. Your portfolio is your creative fingerprint—make it count!

#### CBSE Textbook: Hornbill

**Lesson 1:** The Portrait of a Lady

**Lesson 2:** We're Not Afraid to Die... If We Can All Be Together

**Prose Task:** Descriptive Writing (350–400 words)

**Title:** "The Person I Never Forgot"

**Linked to:** The Portrait of a Lady

Describe someone who had a deep emotional impact on your life—grandparent, mentor, or friend. Include sensory details and emotion.

Poetry Task (12–15 lines)

**Theme: “Storms Don’t Scare Me”**

**Linked to:** We’re Not Afraid to Die...

Write a poem about facing challenges with courage, like the family in the story. Use imagery and a positive tone.

## MATHEMATICS (041)

- Two finite sets have  $m$  and  $n$  elements respectively. The total number of subsets of first set is 56 more than the total number of subsets of the second set. Find the values of  $m$  and  $n$ .
- $A$ ,  $B$  and  $C$  are subsets of Universal Set  $U$ . If  $A = \{2, 4, 6, 8, 12, 20\}$ ,  $B = \{3, 6, 9, 12, 15\}$ ,  $C = \{5, 10, 15, 20\}$  and  $U$  is the set of all whole numbers, draw a Venn diagram showing the relation of  $U$ ,  $A$ ,  $B$  and  $C$ .
- Fill in the blanks**
  - The set  $\{x \in \mathbb{R} : 1 \leq x < 2\}$  can be written as \_\_\_\_\_.
  - When  $A = \emptyset$ , then number of elements in  $P(A)$  is \_\_\_\_\_.
  - If  $A$  and  $B$  are finite sets such that  $A \subset B$ , then  $n(A \cup B) =$  \_\_\_\_\_.
  - If  $A$  and  $B$  are any two sets, then  $A - B$  is equal to \_\_\_\_\_.
  - Power set of the set  $A = \{1, 2\}$  is \_\_\_\_\_.
  - Given the sets  $A = \{1, 3, 5\}$ ,  $B = \{2, 4, 6\}$  and  $C = \{0, 2, 4, 6, 8\}$ . Then the universal set of all the three sets  $A$ ,  $B$  and  $C$  can be \_\_\_\_\_.
  - If  $U = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10\}$ ,  $A = \{1, 2, 3, 5\}$ ,  $B = \{2, 4, 6, 7\}$  and  $C = \{2, 3, 4, 8\}$ . Then
    - $(B \cup C)'$  is \_\_\_\_\_.
    - $(C - A)'$  is \_\_\_\_\_.
  - For all sets  $A$  and  $B$ ,  $A - (A \cap B)$  is equal to \_\_\_\_\_.
- Let  $f(x) = x^2$  and  $g(x) = 2x + 1$  be two real functions. Find
  - $(f + g)(x)$ ,
  - $(f - g)(x)$ ,
  - $(fg)(x)$ ,
  - $(f/g)(x)$
- Find the domain and range of the relation  $R$  given by  $R = \{(x, y) : y = x + 6/x; \text{ where } x, y \in \mathbb{N} \text{ and } x < 6\}$ .
- State True or False for the following statements**
  - The ordered pair  $(5, 2)$  belongs to the relation  $R = \{(x, y) : y = x - 5, x, y \in \mathbb{Z}\}$
  - If  $P = \{1, 2\}$ , then  $P \times P \times P = \{(1, 1, 1), (2, 2, 2), (1, 2, 2), (2, 1, 1)\}$
  - If  $A = \{1, 2, 3\}$ ,  $B = \{3, 4\}$  and  $C = \{4, 5, 6\}$ , then  $(A \times B) \cup (A \times C) = \{(1, 3), (1, 4), (1, 5), (1, 6), (2, 3), (2, 4), (2, 5), (2, 6), (3, 3), (3, 4), (3, 5), (3, 6)\}$ .
  - If  $A \times B = \{(a, x), (a, y), (b, x), (b, y)\}$ , then  $A = \{a, b\}$ ,  $B = \{x, y\}$
- Let  $A = \{1, 2, 3, 4\}$  and  $B = \{5, 7, 9\}$ . Determine
  - $A \times B$
  - $B \times A$
  - Is  $A \times B = B \times A$ ?
  - Is  $n(A \times B) = n(B \times A)$ ?
- If  $f$  and  $g$  are real functions defined by  $f(x) = x^2 + 7$  and  $g(x) = 3x + 5$ , find each of the following
  - $f(3) + 9g(-5)$
  - $f(-2) \times g(-3)$
  - $f(-2) + g(-1)$
  - $f(t) - f(-2)$

## PHYSICS (042)

1. If the length and time period of an oscillating pendulum have error of 1% and 2% respectively, what is the error in the estimate of  $g$ ?
2. A physical quantity  $Q$  is given by  $Q = A^2 B^{-3} / C^4 D^{1/2}$ . The percentage errors in  $A$ ,  $B$ ,  $C$  and  $D$  are 1%, 2%, 4% and 3% respectively. Find the percentage error in  $Q$
3. The surface tension of water is 72 dyne/cm. Express it in SI units.
4. Check by the method of dimensions whether the following are correct.  
(a)  $E = mc^2$  (b)  $v = \sqrt{\frac{p}{\rho}}$
5. The radius of a sphere is 1.41cm. Express its volume to an appropriate number of significant figures.
6. Differentiate the following functions:  
(a)  $(3x^2 + 7)(6x + 3)$  (b)  $x^5 + \sin x + \log x$
7. Integrate the following  
(a)  $6x - \sin x + 3 \csc^2 x$  (b)  $ax^2 + bx + c$
8. Assuming that the critical velocity  $v_c$  of viscous liquid flowing through a capillary tube depends only upon the radius of tube, density and the coefficient of viscosity of the liquid, find the expression for critical velocity.
9. The diameter of a wire as measured by a screw gauge was found to be 0.026cm, 0.029cm, 0.027cm, 0.024cm and 0.027cm. Calculate (i) mean absolute error (ii) relative error (iii) percentage error.
10. Deduce the dimensional formulae for the following physical quantities:  
(a) Gravitational constant  
(b) Young's modulus  
(c) Coefficient of viscosity

## CHEMISTRY (043)

1. Experiments provide insight into cause-and-effect by demonstrating what outcome occurs when a particular factor is manipulated. Prepare a CHEMISTRY INVESTIGATORY PROJECT on any of the following topics:
  - Dyeing Wool, Silk and Cotton in Malachite Green
  - Impact of Dye on Varied Kinds of Fabric
  - Preparation of Toilet Soap
  - How to make a smoke bomb?Use A4 size sheets for the project including various newspaper clippings, images, latest discoveries and inventions relevant to the topic. Follow the given headings in the project:
  - (a) INTRODUCTORY PAGE
  - (b) CERTIFICATE
  - (c) ACKNOWLEDGEMENT
  - (d) INDEX/CONTENTS

- (e) INTRODUCTION
  - (f) AIM
  - (g) CHEMICALS REQUIRED
  - (h) PROCEDURE/EXPERIMENT(S)
  - (i) OBSERVATIONS
  - (j) RESULT
2. To inculcate scientific temperament and for understanding the conceptual knowledge of chemistry, students have to prepare a GLOSSARY OF CHEMISTRY. Add relevant pictures, diagrams related to these discoveries. Use A-4 size sheets and write in neat handwriting. Glossary must comprise of 10 Chemistry terms (with their definitions) of each alphabet including Laws, formulas, principles and microscale chemistry apparatus.
  3. Complete the assignment questions of Chapter - 1 (Practice Manual Questions) to be done in fair notebook.

### CHAPTER - 1: SOME BASIC CONCEPTS OF CHEMISTRY

1. How many moles of NaOH are contained in 27 ml of 0.15 M?
2. Calculate the number of atoms in each of the following:
  - (a) 52 moles of He
  - (b) 52 u of He
3. Calculate the molarity of 1 L of solution of ethanol in water in which the mole fraction of ethanol is 0.040.
4. If ten volumes of dihydrogen gas reacts with five volumes of dioxygen gas, how many volumes of water vapour could be produced?
5. Calculate the molarity of NaOH in the solution prepared by dissolving its 4gms in enough water to form 250mL of the solution.
6. The density of 2 molal solution of NaOH is 1.10 g per ml. Calculate the molarity of the solution.
7. How many atoms and molecules of phosphorous are present in 124gms of phosphorous (P<sub>4</sub>)?
8. A 6.9M solution of KOH in water contains 20% by weight of KOH. Calculate the density of solution.
9. Calculate the molality and molarity of 1 L solution of 93% H<sub>2</sub>SO<sub>4</sub>(Wt. /Vol). The density of solution is 1.84g/ml.
10. Chlorophyll the green coloring matter of plants responsible for photosynthesis contains 2.68% of magnesium by weight. Calculate the number of magnesium atoms in 2.0 g of chlorophyll.

### BIOLOGY (044)

1. Who proposed 2 kingdom classifications? Give two shortcomings of the classification.
2. What are the main criteria for classification of organisms in 5 kingdom classification? Who proposed this classification?
3.
  - (a) Give 3 features of kingdom Monera.
  - (b) Discuss 3 groups of Archaeobacteria
  - (c) Why are cyanobacteria also referred as blue green algae?
4. Where do you find heterocyst? What is its function? Name two bacteria in which they are found.
5. Give functions of some heterotrophic bacteria.



6. (a) List the features of different phylum under kingdom Protista.  
(b) Give economic importance of Phylum Protozoa and Phylum chrysophyta.
7. Enumerate the characteristics of Kingdom Fungi.
8. (a) Describe the steps involved in sexual reproduction of fungus.  
(b) What is the mode of vegetative and asexual reproduction in fungi?
9. Give features of class Zygomycetes, class Ascomycetes, Phycomycetes and Basidiomycetes of Kingdom Fungi.
10. Which class of Kingdom Fungi is commonly known as "Imperfect fungi" & why?
11. Draw labelled diagram of a bacteriophage. Describe structure of virus.
12. What are viroids?
13. Describe Lichens & give its significance also.

### ACCOUNTANCY (055)

1. Explain the following terms-  
(a) Money measurement concept (b) Historical cost concept  
(c) Conservatism concept (d) Business entity concept
2. Briefly explain the following terms-  
(a) Event (b) Sales  
(c) Gain (d) Inventory
3. Long term assets having physical existence and possessing a value are called  
(a) Intangible assets (b) Fixed assets  
(c) Current assets (d) Investments
4. The person to whom money is going to be paid in the future is called  
(a) Creditor (b) Proprietor  
(c) Debtor (d) None of these
5. Accounting is  
(a) An art (b) A science  
(c) An art and science both (d) None of these.
6. Long term assets without any physical existence but, possessing a value are called  
(a) Intangible assets (b) Fixed assets  
(c) Current assets (d) Investments
7. What do you mean by profit?  
(a) The amount of sales over and above cost  
(b) Gain over a period of time  
(c) It means assets  
(d) It means investment.
8. The assets that can be easily converted into cash within a short period, i.e., 1 year or less Are known as  
(a) Current assets (b) Fixed assets  
(c) Intangible assets (d) Investments

9. Which is not the sub fields of the accounting
- |                           |                      |
|---------------------------|----------------------|
| (a) Financial accounting  | (b) Cost accounting  |
| (c) Management accounting | (d) Owner accounting |

### **BUSINESS STUDIES (054)**

1. Mehak is a practicing Chartered Accountant. She has her C.A. Firm in Bangalore. She deals in providing Income Tax and GST related services to her clients against very reasonable consultancy fees. Identify the type of economic activity performed by Mehak as referred in the above case.  
(a) Business (b) Profession  
(c) Employment (d) None of the above
2. Amar, Akbar and Anthony and Balvinder pursued their MBA from a reputed institute in Mumbai. After completion of their studies, all of them got engaged in different fields. Amar got a job at an Oil Refinery Industry as a Junior Executive in Finance. Akbar joined his family business in Textile Industry in Jalandhar, Punjab. Anthony opened his own Dairy Firm and Balvinder join the construction business. Identify and explain the type of industry Mr. Akbar worked with as highlighted in the above case.
3. Himalaya General Store is a big businessman who deals in selling Nestle products in his locality. He purchased products of Nestle directly from the State Distributor in bulk quantities and sold them in the market to small shopkeepers from different corners of the city. Identify and explain the type of trade followed by Nutan General Store.
4. Rohit and Lohith are partners selling electronic products across India. They import the components from their friend Aman who does his business in China and assemble them in their factory established in a rural area of Jharkhand where most of the workers in the factory are children and women. They are paid very less salaries thus owner save on labour cost. They store their stocks in a warehouse but do not take proper safety measures against fire, burglary. There was a short circuit in the factory and as a result most of the stock was damaged. On the basis of the given information, answer the following questions: a) Specify the type of business activity performed by Rohit and Lohith. b) Specify the type of business activity performed by Aman. c) Name and explain the auxiliary to trade used by Rohit and Lohith.
5. Sunita bought a readymade dress for Rs.5,000. Her friend liked the design of dress very much, so Sunita sold the same dress to her friend without charging anything. After completing her studies, Sunita opened a shop of selling readymade dresses for girls.  
(a) Can transaction between Sunita and her friend be termed as Business? Give reason in support of your answer.  
(b) Can the sale of dresses on her shop be called as Business?
6. Ajit was running a trading business in India. Now he extended its operations to Dubai and USA by establishing places of business in these countries. In order to increase sales in Dubai, the company adopted selling strategies like sales promotion and advertising. As the company had an excellent credibility in the capital market, it was able to meet all its financial

requirements by borrowing from Citi Bank. On the basis of the given information about Ajit, answer the following questions: a) Identify and explain the auxiliaries to trade used by Ajit for running his business. Also quote lines. b) Identify the type of trade carried on by Ajit earlier and now.

7. These days almost all corporate offices adopt parks or roads near to their office complex for maintenance.
  - (a) Which objective they try to achieve by doing so?
  - (b) Name and explain the other two objectives of the business.

### ECONOMICS (030)

1. "Economics is about making choices in the backdrop of scarcity". Explain
2. Prepare a list of statistical information that you will facilitate comparison of academic performance of your school with others in your neighborhood.
3. Make a list of activities in a bus stand or a market place. How many of them are Economic activities?
4. "The government and the policy makers use statistical data to formulate suitable policies of Economic development". Illustrate with two examples.
5. Frame three "two way" questions relating to a questionnaire that you intend to design for collecting primary data on the level and composition of expenditure of the people in your locality.
6. Define Investigator, Enumerator and Respondent.
7. Which method of data collection is used in following cases and why?
  - (a) News channels for collecting information about rising prices of vegetables from various grocery market across the nation.
  - (b) A school quiz team comprising three students out of 50 equally bright candidates.
8. Explain the important source of secondary data in India.

### HISTORY (027)

#### Theme: Ancient Civilizations and Their Legacy

Objective: Explore and analyze key aspects of ancient history and their influence on the modern world.

Mesopotamia: The Cradle of Civilization & Contributions of Roman Civilization

#### Instructions:

- Prepare a Research paper on the geography, society, religion, and governance of Mesopotamia.
- Include key innovations (e.g., cuneiform, wheel, irrigation).
- Present a case study of one city (e.g., Ur, Babylon).
- Conclude with Mesopotamia's impact on later civilizations.
- Include visuals: aqueducts, Roman roads, Colosseum, Roman numerals.
- Explain the Roman Republic and compare it to modern governments.

- Discuss the long-lasting impact of Roman ideas in modern society.

### **General Guidelines:**

- Format: Must be a handwritten
- Length: 5–8 pages (Answer each question in about 100 words)
- Include: Title page, introduction, main content, visuals, and conclusion.
- Assessment Criteria: Research depth, creativity, presentation, and clarity.

## **POLITICAL SCIENCE (028)**

### **Subject Focus: Understanding the Indian Constitution and Political Ideas in Action**

Total Marks: 30

#### **Instructions:**

Choose any two tasks from the list below. Each task carries 15 marks.

Work must be handwritten and presented neatly in a folder or file.

Use relevant headings, subheadings, diagrams, charts, and current examples wherever possible.

Creativity in presentation is appreciated but clarity and accuracy are most important.

#### **Option 1: Case Study Analysis – Constitution in Action**

##### **(Theme: Indian Constitution at Work)**

Choose any one recent real-life case (from 2022–2025) related to a Fundamental Right or Constitutional value (e.g. Right to Equality, Freedom of Speech, Right to Religion, etc.).

Your task:

Provide background of the incident

Identify the right or principle involved

Analyse how the state, courts, or citizens responded

Conclude with your perspective on whether constitutional values were upheld

**Length: 2–3 pages**

Enhancements: Include a newspaper clipping or digital article reference.

#### **Option 2: Analytical Essay – Political Theory in Practice**

##### **(Theme: Political Theory – Book II)**

Choose any one topic and write a structured essay (300–400 words):

- Is Liberty absolute? Discuss with Indian and global examples.
- Why does Justice require more than punishment?
- Can a society be equal but still unfair?

#### **Include:**

Introduction & key concepts

Arguments with examples

Conclusion with your view



### Option 3: Visual Mind Map – Core Political Concepts

Create a mind map or concept chart connecting any four of these five political concepts:

Liberty  
Equality  
Justice  
Rights  
Citizenship

Also write a 100–150-word explanation of how these concepts function together in a democracy. Use real-world examples or case studies from India where relevant.

### Option 4: Separation of Powers – Diagram + Analysis

Draw a clear flowchart or Venn diagram showing the division of powers between the Legislature, Executive, and Judiciary.

Answer these questions in 100–150 words:

Why is this separation necessary in a democracy?

Describe one recent example (from India) where these organs conflicted or collaborated significantly.

### Option 5: Map Work – Constitution Makers

On a political map of India, mark the states of origin of the following Constituent Assembly members:

Dr. B.R. Ambedkar  
Jawaharlal Nehru  
Sardar Patel  
Rajendra Prasad  
Hansa Mehta

Below the map, write one key contribution made by each member to the Indian Constitution.

### Option 6: Political Reflection Journal

Write three brief reflections (100–150 words each):

1. A Fundamental Right I deeply value and why
2. What would happen if India didn't have a constitution?
3. One political theory concept that changed the way I see society

#### Reminder:

Complete any two options only

Maximum Marks: 30 (15 x 2)

Bonus (2 marks): Neatness, originality, and conceptual clarity

## GEOGRAPHY (029)

1. Observe your surroundings and note down the variation in natural as well as cultural phenomena.
  - (a) Discuss: Geography is the study of “areal differentiation.”
  - (b) Geography is spatial and temporal synthesis as a discipline.
2. Explain the approaches to study geography.
3. Prepare a replica of the earth with the help of artificial clay, displaying demarcation of different layers of the earth.
4. Draw diagrams to display volcanoes and volcanic landforms.
5. Prepare a reference note on endogenic and exogenic processes.

### Subject Connect:

6. Collect and paste pictures of Geographers and write down their ideologies.

**Note: Complete your summer vacation assignment using only standard A4 size WHITE paper. Staple the completed pages together to form a booklet.**

## PSYCHOLOGY (037)

1. **Read the case and answer the questions that follow.**

Riya is a Class 11 student who has recently been feeling overwhelmed by her studies and social expectations. She finds it difficult to concentrate and often feels anxious. Frequently she forgets her learnings. Easily she gets distracted. Her teacher suggests her to talk to the school counsellor.

- (a) What is the role of a counselling psychologist in this situation?
- (b) How does psychology help in solving real-life problems like Riya's?
- (c) Which branches of psychology would be most interested in understanding Riya's behavior and why?

2. **Read the case and answer the questions that follow.**

Anita and Raj have just become parents to a baby girl. They are learning how to feed her, respond to her cries, and make her feel secure. Their paediatrician emphasizes the importance of early bonding for emotional development.

- (a) What is the significance of attachment in early childhood development?
- (b) How does responsive parenting contribute to emotional and social development?
- (c) Which domain(s) of development (physical, cognitive, emotional, social) are being highlighted in this case?

3. **Read the case and answer the questions that follow.**

Megha, a 16-year-old student, has recently started questioning her identity. She is unsure about her career goals and often compares herself to others on social media. Her parents say she has become more moody and prefers to spend time with her friends.

- (a) Which stage of development is Megha currently in according to Erikson?
- (b) What social and emotional changes are typically observed during adolescence?

- (c) How can parents and teachers support adolescents like Megha during this stage?
4. Make a chart on the challenges of an adolescence by using chart paper and pictures.

OR

Make a chart on the different branches of psychology by using chart paper and pictures.

OR

Make a chart on the relationship between psychology and other disciplines by using chart paper and pictures.

5. Formulate a case profile showing the impact of social media on the youth today and how psychology can play a huge role in their everyday life.

The points should be included as follows:

1. Sociodemographic details of the subject including
  - Name of the person
  - Sex
  - Age
  - Address
  - Occupation
  - Family history etc....
2. Concerned area( impact of social media)
3. Role of psychology in their daily life
4. Conclusion.

*Note: Kindly use A4 size pages for completing the case profile and case based questions and use art paper for making the chart with pictures.*

### COMPUTER SCIENCE (083)

1. Fill in the blanks:
  - (a) The base of binary number system is \_\_\_\_\_.
  - (b) The hexadecimal number system uses \_\_\_\_\_ symbols.
  - (c)  $(1011)_2 = ( \_? \_ )_{10}$
  - (d)  $(29)_{10} = ( \_? \_ )_2$
  - (e)  $(7B)_{16} = ( \_? \_ )_2$
2. Convert the following:
  - (a)  $(110101)_2$  to Decimal
  - (b)  $(87.25)_{10}$  to Binary
  - (c)  $(764)_8$  to Decimal
  - (d)  $(255.75)_{10}$  to Hexadecimal
  - (e)  $(A3D)_{16}$  to Binary
3. Answer the following:
  - (a) What is radix? Brief with an example.
  - (b) Write down the application of Hexadecimal number system.
  - (c) Differentiate between ASCII and Unicode encoding scheme.

- (d) Encode “WORLD” using ASCII representation.

### INFORMATICS PRACTICES (065)

1. What is a variable? Enlist the rules to name a variable.
2. Explain the following data types with examples:
  - Integer
  - Float
  - String
  - Boolean
3. What is the difference between = and == in Python?
4. What are keywords? Write any five Python keywords.
5. Predict the output of the following code snippets:
  - (a) 

```
a = 10
b = 5
print(a + b * 2)
```
  - (b) 

```
s = "Hello"
print(s * 3)
```
  - (c) 

```
x = 15
y = 4
print(x // y, x % y)
```
  - (d) 

```
s = "School"
print(s+s)
print('L' not in s)
```
6. Write a program in Python to input the principal, rate of interest and time to calculate and display the simple interest total amount.
7. Write a program in Python to input the radius of the circle and display the diameter, circumference and area of the circle.  

```
Diameter= 2*r
Circumference=2*3.142*r
Area=3.142*r*r
```
8. Define and give examples for:
  - Syntax Error
  - Logical Error
  - Runtime Error

### PHYSICAL EDUCATION (048)

**Students are required to complete the practical work in their Physical Education practical file as per the guidelines provided in the Saraswati Publication book.**

**The record file should include the following:**

1. Maintenance of Practical File



*Students must maintain a well-organized practical file.*

2. Practical 1: Fitness Test Administration

*Conduct and record the SAI Khelo India Fitness Test.*

3. Practical 2: Asanas for Lifestyle Diseases

*Write the procedure, benefits, and contraindications for any two Asanas for each lifestyle disease.*

4. Practical 3: Game/Sport Details

*Choose any sport or game recognized by the IOA (Indian Olympic Association).*

Include:

- A labeled diagram of the field/court and equipment
- Rules and regulations
- Important terminologies
- Fundamental skills involved in the game

**हिन्दी (302)**

1. निम्नलिखित विषयों में से किसी एक पर लगभग एक हजार शब्दों में परियोजना तैयार करें ।  
(क) दो लोकप्रिय कवियों की किन्ही दो कविताओं की तुलना  
(ख) भारतीय ग्रामीण जीवन  
(ग) पहाड़ी जीवन  
(घ) समसामयिक विषय
2. 'विश्व में चल रहे युद्धों का दुनिया पर प्रभाव' विषय पर लगभग 100 शब्दों में एक लेख लिखिए ।

**HINDUSTANI MUSIC (VOCAL) (034)**

1. Write the short notes on – Nada, Shruti, Swar, Saptak, Thaata.
2. Write the notation of Drut Kheyal of Raga – Bihaag.

**PAINTING (049)**

**Each student is required to complete the following three paintings during the summer vacation:**

1. Landscape – Watercolour medium
2. Still Life Object Drawing – Pencil shading
3. Madhubani Art – Coloured

**Paper Size: A3 or A4 only**

**YOGA (841)**

**Write a report (400–500 words) on any one of the following topics:**

1. Importance of Yoga in a Student's Life
2. Role of Yoga in Physical and Mental Health

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