

**CLASS - XI**

**HOLIDAYS**

**HOMework**

**(2025-26)**

## **ENGLISH**

### Section A: Reading Comprehension

1. **\*Read and Analyze\*** a recent news article on a current affair topic (e.g., environmental conservation, social justice, or technological advancements). Write:

- A **\*Summary\*** (150-200 words) highlighting the main points
- An **\*Opinion Piece\*** (100-150 words) sharing your thoughts on the issue

### Section B: Writing Skills

2. **\*Write a Letter to the Editor\*** (300-400 words) on the pressing issue of global warming. Use persuasive language and rhetorical devices to convey your message.

### Section C: Vocabulary Building

3. **\*Learn and Write\*** 10 new words related to global issues (e.g., sustainability, democracy, innovation). Use each word in a sentence to demonstrate its meaning.

### Section D: Creative Expression

4. **\*Design a Poster\*** on mental health awareness. Include:

- A catchy slogan
- Relevant visuals
- A short paragraph explaining the issue and its significance

### Submission Guidelines

- Complete and submit the assignments in your English notebook.
- Ensure neat handwriting, proper formatting, and adherence to word limits.

## **HOME SCIENCE**

### **1. Sugar Awareness Board (Already discussed)**

Topic: Risk of Excessive Sugar Consumption

Activity: Create a “Sugar Board” showing health effects, sugar content in common foods, healthy alternatives, and Prepare a model/chart (Sugar Board) answering the following questions using pictures, labels, drawings, and short notes. You can use A3/A2 chart paper or cardboard for presentation.

### **2. Family Meal Planner**

Topic: Meal Planning and Balanced Diet

Activity:

Design a 3-day meal plan for your family.

Ensure all age groups (child, adult, elder) are considered.

Highlight how the diet is balanced (proteins, carbs, vitamins, etc.)

### **3. Traditional Textiles of India (Scrapbook or Poster)**

Topic: Fabrics and Clothing

Activity:

Make a poster or scrapbook on any 3 traditional Indian textiles (e.g., Chikankari, Bandhani, Ikat).

Include origin, method of making, use, and pictures.

### **4. Interview with a Grandparent: Changing Food Habits Over Time**

Topic: Food & Culture

Activity:

Interview elder people about food practices in their youth.

Compare with current eating habits.

Write a short report (with photos if possible).

### **5. Collage: “My Dream Home Interiors”**

Topic: Housing and Interior Decoration

Activity:

Create a vision board showing your dream room/home setup using magazine cutouts, drawings, or digital images on A3 size sheet.

Label areas like color scheme, furniture, storage ideas, etc.

## **POLITICAL SCIENCE**

Make a scrapbook/ Power point presentation with the following pointers

1. Go through any two legal judgments w.r.t violation of Fundamental Right

2. ☐ Pick two important news story

- Topics can include: Indian politics, International relations, elections, UN events, protests, or major government decisions.
- For each story, write:
  - a. Headline
  - b. Summary (in 100–150 words)
  - c. Source of information (newspaper, app, YouTube, etc.)
  - d. Your opinion/reflection (What do you think? Is it important? Why?)

3. Choose any 2 current Indian or world political leaders (e.g., Narendra Modi, Joe Biden, Emmanuel Macron).

For each leader, write:

- Name, Position, Country
- Major decisions or policies this year
- Challenges they are facing
- Your opinion on their leadership

4. Write a reflection on Operation Sindoor conducted by Indian Army

\*Make it visually appealing—add photos, flags, or infographics\*

## **MATHEMATICS**

### **\*Project\***

#### **\*Set Theory in Daily Life\***

Create a presentation/poster showing the use of sets in real-life examples like:

- \*Students who play football, cricket, or both (use Venn diagrams).
- \*Set of apps in a phone by category (education, social, entertainment).

#### **\*Survey and Data Analysis Using Sets\***

Conduct a small survey in your neighborhood or among friends (e.g., preferences for sports, streaming platforms, or food). Represent the data using sets and Venn diagrams.

#### **\*Real-Life Relations and Mapping\***

Prepare a chart showing real-life examples of relations like

Students and their Roll Number (One-One)

Country and its capital (One-One)

Student and Subjects (One-Many)

#### **\*Career Flow Chart\***

Make a flow chart (ANY 1) on Career after Class 12 in

- ☐ Commerce with Math
- ☐ Commerce Without Math

## **ECONOMICS**

1.Prepare a power point presentation any one of the following topics:

- a) Smart city – Urban solutions for rising population
- b) Online Transaction –Pros and cons

2 General Instructions to prepare the project:

- The project should be simple, brief and easy.
  - It should be handwritten. The cover page should be neat and simple in presentation.
  - More credit will be given to original drawings, illustrations, mind maps and articles from magazines and newspapers.
  - It is mandatory to have case studies and questionnaires in the project.
  - While choosing the topic, the student should keep in mind that he can be questioned on. (What, When How etc. of the topic during viva)
  - By 15th July 2025 the project has to be submitted.
  - The project carries 20 marks, and the evaluation pattern will be as under, as per CBSE.

Some suggestive topics are:

- 1.Price determination
- 2.Opportunity cost
- 3.Production possibility curve
- 4. Demand and its determinants
- 5.Supply and its determinants
- 6.Cost functions and cost curves
- 7.Perfect Competition
- 8 Atmanirbhar Bharat

## **BIOLOGY**

Prepare an Investigatory Project (topics not pertaining to Class 11 syllabus) Some topics have been shared in your class group . The project should involve Lab / Field work .Guidelines are available on cbse website.

The project report should contain Aim, Theory/ Principle, Apparatus and reagents used, Methodology, Observation, Conclusion, Precautions and Bibliography.

The project should preferably be handwritten on A4 size coloured sheets.

## **CHEMISTRY**

1. Prepare a CHEMISTRY INVESTIGATORY PROJECT. 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 k) CONCLUSION l) BIBLIOGRAPHY
2. Solve the chemistry puzzle given in class.
3. Complete the assignment given in class.
4. Complete all the given practicals in the chemistry practical file.
5. Make a chemistry infographic chart that makes chemistry fun (sample given in class group ).



## **COMPUTER SCIENCE**

- Q.1 How Computer Programming helps students to enhance their knowledge explain with the help of a detailed diagram.
- Q.2 Name various courses available after class 12 in the field of computer science and also give details of universities and their entry PHYSICAL EDUCATION methods for these courses.
- Q.3 Create PowerPoint slides on 'The reason behind choosing computer science with python' as a subject in class 11 and 12.
- Q.4 Create a poster 'How python helps in education and real life'.
- Q.5 Newspaper Activity 'Collect various jobs options from newspaper after becoming a computer programmer' and paste it on chart paper / scrapbook.
- Q.6 Draw a chart describing the Number System (Decimal , Binary , Octel and Hexa Decimal ) and also describe how to convert it (one to others).
- Q.7 Draw two separate charts depicting all types of Logic Gates and Truth Table with suitable examples.

## **PHYSICAL EDUCATION**

### **PRACTICAL**

- Fitness test – sai khelo india fitness test in school

### **Introduction**

Age group 5-8 year /class 1to3

1. Body mass index (bmi)
  2. Flamingo balance test
  3. Plate tapping test
- Age group 9-18 year /class 4to 12

1. 50 meter speed test
  2. 600 meter run / walk test
  3. Sit and reach flexibility test
  4. Strength Test
- Brockport physical fitness test

### **Introduction**

#### **Aerobic function**

1. Progressive Aerobic Cardiovascular Endurance run (pacer) test
  2. Target Aerobic Movement Test
  3. One mile run/ Walk test
- Body composition
1. Skinfold measurement test
  2. Bioelectric impedance Analysis
- Muscular Strength & endurance
1. Bench press testing
  2. Cadence push – up Test
  3. Seated push up Test
  4. Flexe arm Hang Test
- Flexibility
1. Back – sever sit & reach test
  2. Sholder stretch test
  3. Modified apley scratch test
- Yogic practices

### **Introduction**

- Obesity – procedure, benefit & contraindications
1. Tadasana
  2. Pawanmuktasana
  3. Halasana
- Diabetes procedure , benefits and contraindications
1. Katichakrasana
  2. Bhujangasana
  3. Dhanurasana
- Asthma procedure , benefit an contraindications
1. Urdhwahastottanasana
  2. Uttan Mandukasana
  3. Ushtrasana
- Hypertension procedure , benefits and contraindicationsUttanpadasana

1. Padasana
2. Ardha Halasana
3. Gomukhasana
- Proficiency in Game and sports
1. Basketball
2. Football
3. Kabaddi
4. Kho-kho
5. Volleyball
6. Handball

Notes: any one

## **ACCOUNTANCY**

Dear Students,

You are required to complete the following assignments during the summer break. Please present your work neatly in a separate file or notebook with proper headings and pictures where required.

### 1. Company Research

Objective: Understanding brands and their identities.

Task:

Write the names of 10 well-known companies. For each company, provide:

- Their Logo (can be printed or drawn)
- Their Tagline

### 2. Bank Visit

Objective: Learn about practical banking procedures.

Task:

Visit any nearby bank and collect samples of various bank vouchers, such as:

- Deposit Slip
- Withdrawal Slip
- Cheque Deposit Form
- RTGS/NEFT Form
- Loan Application Form

Paste these in your notebook/file and label them clearly.

### 3. Insurance Study (via Policy Bazaar or other sources)

Objective: Understand different types of insurance policies.

Task:

Collect information about at least 5 different insurance policies (Life, Health, Vehicle, etc.).

Make a synopsis for each policy including:

- Name of the Policy
- Company Name
- Type of Policy
- Key Features (Coverage, Premium, Term, etc.)

### 4. LIC Visit

Objective: Learn about public sector insurance schemes.

Task:

Visit a nearby LIC office (or research online) and collect details of various LIC policies available to the public.

Write a brief note on at least 5 policies offered by LIC. Include features, benefits, and eligibility.

### 5. Balance Sheet Analysis

Objective: Develop familiarity with financial statements.

Task:

Search and print/download balance sheets of any 5 companies.

On each balance sheet, use different colours to highlight:

- Fixed Assets (Blue)
- Current Assets (Green)
- Fictitious Assets (Yellow, if any)
- Long-Term Liabilities (Orange)
- Short-Term Liabilities (Pink)

Instructions:

- Use separate sections for each task.
- Neatly label all pasted materials and printed documents.
- Be creative and organized.
- Submit the completed work in the first week after the holidays.

Wishing you a productive and enjoyable break!

- Accountancy Teacher

## **PHYSICS**

### **Units and Measurements**

1. **Conversion of Units:** Convert 1 kilometer to meters, centimeters, and millimeters.
2. **Significant Figures:** Determine the number of significant figures in a given measurement (e.g., 12.34 cm).
3. **Dimensional Analysis:** Use dimensional analysis to check the correctness of a given equation (e.g., distance = speed × time).

### **Motion in a Straight Line**

1. **Distance-Time Graph:** Draw a distance-time graph for an object moving with uniform velocity.
2. **Velocity-Time Graph:** Draw a velocity-time graph for an object accelerating uniformly.
3. **Equations of Motion:** Solve problems using the equations of motion (e.g.,  $v = u + at$ ,  $s = ut + \frac{1}{2}at^2$ ).

### **Problem-Solving**

1. A car travels 100 km in 2 hours. Find its average speed.
2. A ball is thrown upwards with an initial velocity of 20 m/s. Find the maximum height reached.

### **Project Ideas**

Prepare investigatory project on any topic of physics

### **Tips**

- Practice numerical problems regularly.
- Use online resources to supplement your learning.
- Review the concepts and formulas regularly.

**Have a productive holiday break!**

## **BUSINESS STUDIES**

Dear Students,

Please complete the following assignments during the summer vacation. Submit the work in a well-organized file or notebook.

1. 1. Select a product of your choice for marketing. Include the following:
2.    - Name of your product
3.    - Logo
4.    - Tagline
5.    - USP (Unique Selling Proposition)
6.    - Advertisement and jingle
7.    - Packaging and write-up
8.    - Price for different varieties
9.    - Comparison of price with 5 competitors
10.   - Transportation method
11.   - Social message
12.   - Support your project with pictures
13. 2. Take the readings of 5 companies selected from the newspaper for 5 days.
14.   - Make a comparison of the readings in tabular and graphical form.
15.   - Analyze and suggest which company is suitable for investment.
16. 3. Search about NIFTY and BSE and write a short note on them.

Wishing you a productive and enjoyable break!

- Subject Teacher

## Important Notes

कक्षा - XI  
विषय - हिन्दी

सत्र - 2025-2026

1. भारत में लाइकियों की शिक्षा का प्रचार बहुत जोर-शोर से शुरू हुआ इसी प्रचार को लेकर कोई दो तुकबंदी करते हुए विज्ञापन 50-60 शब्दों में A4 शीट पर आकर्षक ढंग से बनाइए?
2. निम्न प्रदेशों के बारे में जानकारी लिखिए साथ ही दिए गए निर्देश के अनुसार चित्र बोली को भी आकर्षित ढंग से प्रस्तुत करके लिखिए?  
प्रदेश:- राजस्थान, असम, बिहार, पंजाब
3. निर्देश:- प्रत्येक प्रदेश के खान-पान, रहन-सहन मौसम, बोली के बारे में जानकारी प्राप्त करके लिखिए।  
[A4 शीट पर]
4. हिन्दी के किसी भी अक्षर को प्रतिनिधि पद समझें से कोई दो शब्द लेकर उसका वाक्य में प्रयोग करके लिखिए। [A4 शीट पर]



### ਜਮਾਤ- ਗਿਆਰ੍ਹਵੀ (ਛੁਟੀਆਂ ਦਾ ਕੰਮ)

- ਵਰਤਮਾਨ ਸਮੇਂ ਵਿੱਚ ਵੱਧ ਰਹੇ ਆਤੰਕਵਾਦ ਅਤੇ ਇਸਦੇ ਪ੍ਰਮੁੱਖ ਕਾਰਣ ਅਤੇ ਇਸਦੇ ਦੁਸ਼ਪਰਿਣਾਮਾਂ ਬਾਰੇ ਵਿਸਤਰਿਤ ਜਾਣਕਾਰੀ ਦਿਓ। ਹਾਲ ਵਿੱਚ ਹੋਏ ਆਤੰਕੀ ਹਮਲੇ ਅਤੇ ਅਪਰੇਸ਼ਨ ਸਿੰਦੂਰ ਦਾ ਵੇਰਵਾ ਦਿਓ।
- ਪੰਜਾਬ ਦੀ ਪ੍ਰਮੁੱਖ ਫਸਲਾਂ ਦੀ ਤਸਵੀਰ ਲਗਾ ਕੇ ਉਹਨਾਂ ਬਾਰੇ ਜਾਣਕਾਰੀ ਦਿੰਦੇ ਹੋਏ ਸੁੰਦਰ ਪ੍ਰੋਜੈਕਟ ਬਣਾਓ।