

# SUMMER HOLIDAY HOMEWORK (2026-2027)

## Theme

### War & Peace: Global Conflicts and Their Impact on Humanity

ENGLISH

BUSINESS STUDIES

ACCOUNTS

ECONOMICS

MATHS

SANSKRIT

HINDI

XI

**THEME - WAR & PEACE: GLOBAL CONFLICTS AND  
THEIR IMPACT ON HUMANITY**

**CLASS XI  
COMMERCE  
SUMMER HOLIDAY HOMEWORK  
2026-27**

# SUBJECT – ENGLISH

## Instructions for summer holidays homework

- Write answers in essay form (120–150 words each) for all 5 questions.
- Use a neatly maintained file using A4 or A3 size papers; add charts/diagrams if relevant.
- Submit neatly written work on the first day after vacation; late submissions will not be accepted.
- Show originality, use real-life examples, and add creative elements where possible.
- Note: Revise and practice all classwork along with this homework.

## SECTION: A - ADVANCED WRITING SKILLS

### 1. Notice Writing

You are the President of the International Youth Peace Club at Acharyakulam. Draft a formal notice for the school notice board inviting students from Classes IX–XII to volunteer and donate to a donation drive for children displaced by a recent global refugee crisis. (word limit: 50 words)

### 2. Article Writing

Write an analytical article for your upcoming school magazine titled: **“The Unseen Casualties: Why Diplomacy Must Always Precede Destruction.”** Focus on the economic, cultural, and human costs that ordinary civilians pay when leaders choose military conflict over dialogue. (word limit 120-150)

3. Write a formal letter to the Editor of a national newspaper detailing how integrating moral education and vocational skills into the modern curriculum can minimize socio-economic conflicts among youth. (word limit 120-150)

## SECTION B: ACTIVITY-BASED QUESTIONS

### 4. Poster Analysis & Slogan Writing

Design an expressive, hand-drawn anti-war poster on an A4 sheet with the sub-theme: **“Building Bridges, Not Borders.”** Below your poster, write two creative slogans and a short paragraph explaining the core values your visual design intends to teach.

# SUBJECT – BUSINESS STUDIES

## INSTRUCTIONS

- Revise and practice all the work completed till summer break.
- Project report must be submitted in project file.
- Every student needs to present their business idea in front class.
- Minimum 10 pages
- Use charts, pictures, logos, and diagrams
- Proper cover page required
- Include bibliography/references

### Objective:

Students will analyze how international conflicts can create new business opportunities and prepare a detailed business plan for a startup or company that could benefit ethically and legally from changing global market conditions.

### Background

Due to tensions and conflict between Iran and United States, many industries across the world may experience:

- Rising oil prices
- Supply chain disruptions
- Increased demand for alternative products
- Growth in defense and cybersecurity sectors
- Expansion of renewable energy businesses
- Export-import changes

Students must identify ONE business opportunity and prepare a professional business plan.

A. Write a brief report (2–3 pages) covering:

- 1) Introduction to the Iran–USA conflict
- 2) Industries affected globally
- 3) Impact on India's economy
- 4) New business opportunities created due to the situation

You may include:

- Newspaper cuttings

- Charts/graphs
- Internet research
- Current affairs references

**B.** Students must prepare a detailed business plan on ANY ONE of the following ideas OR create their own idea.

### **Suggested Business Ideas**

#### 1. Solar Energy Startup

As fuel prices rise, demand for solar panels and renewable energy increases.

#### 2. Electric Vehicle Charging Station

Petrol and diesel prices may increase during global conflicts.

#### 3. Cybersecurity Company

International conflicts increase cyber threats.

#### 4. Import Substitute Manufacturing

Create Indian alternatives for imported products.

#### 5. Logistics & Supply Chain Consultancy

Help businesses manage delayed imports and exports.

#### 6. Edible Oil / Essential Goods Storage Business

Businesses dealing in essential commodities may see rising demand.

#### 7. Defence Equipment Components Supply

Growth in defence-related manufacturing.

### **C. Format of Business Plan**

Students must include the following headings:

#### 1. Business Name

Example: “Green Future Solar Solutions”

#### 2. Business Idea

Explain the product/service.

#### 3. Objectives of the Business- Minimum 3 objectives.

4. Market Analysis
  - Target customers
  - Competitors
  - Demand in market
5. Investment Required
  - Estimated startup cost.
6. Sources of Finance
  - Savings
  - Bank loan
  - Investors
  - Government schemes
7. Marketing Strategy
  - How will customers be attracted?
8. Expected Profit
  - Simple estimation for first year.
9. Risks Involved
  - Mention possible challenges.
10. Conclusion
  - Why can this business succeed?

# SUBJECT – ACCOUNTS

## • INSTRUCTIONS

- Revise and practice all the work completed till summer break.
- Project report must be submitted in project file.
- Use an A4 file.
- Write neatly and include relevant pictures, charts, newspaper cuttings, and graphs.
- Prepare the project creatively with proper headings and subheadings.
- Mention all sources of information used.
- Total length: **15–20 pages**.

## Objective

This project aims to help students understand how wars and global conflicts affect economies, businesses, trade, employment, and financial systems. Students will connect Accountancy with real-world events and develop research, analytical, and presentation skills.

### A. Write about:

- Meaning of War and Peace
- Types of global conflicts
- Importance of peace for economic development
- Brief introduction to how wars affect financial systems and businesses

### B. Choose **any one** global conflict:

1. World War I
2. World War II
3. Russia–Ukraine Conflict
4. Israel–Palestine Conflict
5. India–Pakistan Wars

### Explain:

- Causes of the conflict
- Countries involved
- Economic losses suffered
- Impact on trade and industries
- Effect on employment and inflation
- Humanitarian impact

- Include pictures/maps if possible.

C. Explain how conflicts affect:

- Business transactions
- Banking systems
- International trade
- Insurance claims
- Government expenditure
- Tax collection
- Prices of goods and services

Prepare:

- A simple **Income & Expenditure Statement** of a country during wartime.
- A comparative table showing:
  1. Economy during peace
  2. Economy during war

D. Prepare the following:

1. A **Budget Chart** showing how governments spend money during war:
  - Defence
  - Healthcare
  - Education
  - Relief Funds
2. Draw or paste:
  - Pie chart
  - Bar graph
  - Statistical data related to wartime expenses

# SUBJECT- ECONOMICS

## INSTRUCTIONS

- Out of the following given project choose any one and made a project file by considering the following points.
- Revise and practice all the work completed till summer break.
- Project report must be submitted in project file.
- Every student needs to present their Project presentation in front class.
- Minimum 10 pages
- Use charts, pictures, logos, and diagrams
- Proper cover page required
- Include bibliography/references

**Topics of the Project are as following- Choose any one topic.**

### 1. The Opportunity Cost of War

- **Core Question:** What could a country have built instead of funding a war?
- **Task:** Pick one recent conflict (e.g., Russia-Ukraine war). Estimate the total military spending by one side for one year. Research local prices of hospitals, schools, or housing, and calculate how many of each could have been built instead.
- **Economic Concept:** Opportunity cost, resource allocation.

### 2. Inflation and Essential Goods: A Case Study

- **Core Question:** How do wars affect prices of everyday items far from the battlefield?
- **Task:** Track the monthly prices of wheat, fuel, and cooking oil in India before and after the start of the Russia-Ukraine war (2021 vs. 2022). Use line graphs and explain supply chain disruptions.
- **Economic Concept:** Demand-supply shock, inflation, global trade interdependence.

### 3. Défense vs. Development: Analysing Government Budgets

- **Core Question:** How do nations balance spending on military vs. health/education?
- **Task:** Collect data from India's Union Budget for 5 years. Calculate the percentage allocated to defence, education, and healthcare. Compare with a peaceful country (e.g., Costa Rica, which has no army).
- **Economic Concept:** Fiscal policy, public expenditure, trade-offs.

### 4. Economic Refugees: The Cost of Displacement

- **Core Question:** What is the economic impact of people fleeing war?
- **Task:** Estimate the loss to Syria's GDP due to refugee outflow (2011–2020). Then calculate the strain on neighbouring countries' housing, jobs, and public services (e.g., Turkey, Lebanon).
- **Economic Concept:** Human capital loss, fiscal burden, labour market effects.

### 5. The Peace Dividend: What If Wars Stopped?

- **Core Question:** What economic gains could come from peace?
- **Task:** Take the world's total military spending (find SIPRI data). Hypothetically redirect 50% of it to clean energy or global vaccination drives. Project potential jobs created or lives saved.
- **Economic Concept:** Productive vs. unproductive expenditure, multiplier effect.

### 6. War and Currency Collapse

- **Core Question:** How does conflict destroy a country's money value?
- **Task:** Study the Lebanese pound or Syrian pound value before and during civil war. Graph exchange rates vs. US dollar. Explain hyperinflation using the quantity theory of money.
- **Economic Concept:** Hyperinflation, purchasing power, currency devaluation.

### 7. Black Markets During Conflict

- **Core Question:** Why do illegal economies boom during war?
- **Task:** Research how basic goods (bread, medicine) are rationed or smuggled in conflict zones like Yemen or Afghanistan. Compare prices in official markets vs. black markets.
- **Economic Concept:** Price controls, shortages, underground economy.

### Deliverables for Class 11:

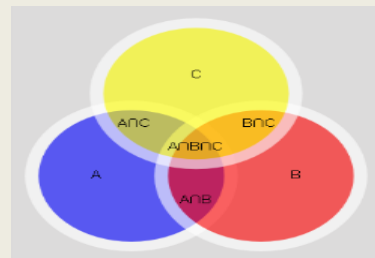
- Data visualisation (graphs, bar charts)
- Brief economic analysis (2–3 pages + diagrams)
- Practical connection to NCERT concepts (e.g., demand, budget, poverty)
- Ethical reflection (optional: "What would you do as a policymaker?")

# SUBJECT- MATHEMATICS

## General Instructions:

- (i) Homework is divided in two sections A and B.
- (ii) Complete the homework in separate note book/file, if graph or coloured paper or any relevant material required then first make and paste it on with respective answer.
- (iii) For completion your homework you can use only A4 size ruled or plain project file.
- (iv) Write your name, class, section, subject, date of submission and roll number on cover page.
- (v) Try to keep the work neat, clean and decorative and answer the questions exactly as asked.

## Section-A (SET)



**Q1.** If  $U$ : Represents all countries in a region

Set  $P$ (Peace): Nations currently in a state of peace.

Set  $W$ (War): Nations currently in a state of war.

Explain the following operations regarding the set  $P$  and  $W$ :

- (i)  $P \cap W$    (ii)  $P \cup W$    (iii)  $P - W$    (iv)  $P/$  or  $W/$    (v)  $W \subset U$

**Q2.** Scenario: Two rebel groups, ( $P$ ) and ( $Q$ ), operate in a region ( $U = 100$  sq km).

- Group ( $P$ ) controls 40 sq km.
- Group ( $Q$ ) controls 50 sq km.
- The area of conflict (where they fight) is 15 sq km ( $P \cap Q = 15$ ).

**a. What is the total area of war/territory occupied?**

b. What is the area controlled exclusively by  $P$ ?

c. If they sign a peace treaty and stop fighting in the 15 sq km area, what is the new intersection?

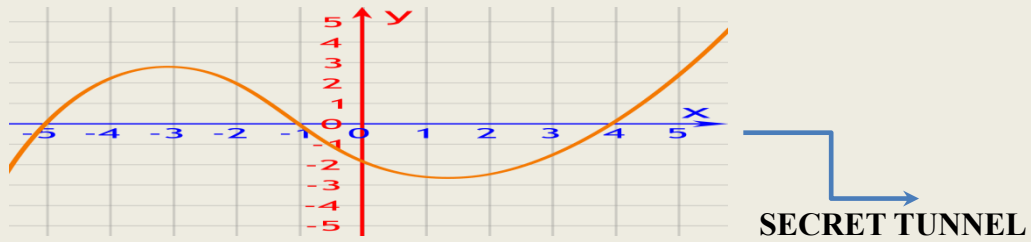
**Q3** Out of 100 countries; 15 wants peace( $P$ ), 12 wants war( $W$ ), 8 in Liberty( $L$ ), 6 wants  $P$  and  $W$ , 7 in wants  $W$  and  $L$ ; 4 wants  $P$  and  $L$ ; 4 wants all the three. Find how many wants:

- $P$  and  $W$  but not in  $L$
- $W$  and  $L$  but not  $P$
- $P$  only

**Q4.** Make a Venn diagrams of given operation in Q1. with using coloured pens:

- (i)  $P/ \cup W/$    (ii)  $(P \cup W) - (P \cap W)$    (iii)  $P/ \cap W/$    (vi)  $P \cap W/$

## SECTION-B (RELATION & FUNCTION)



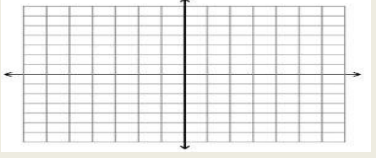
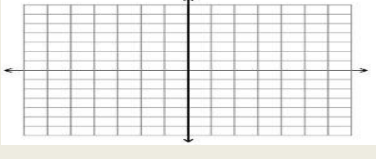
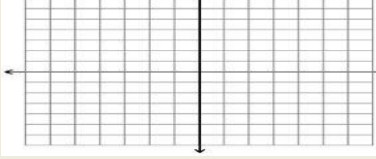
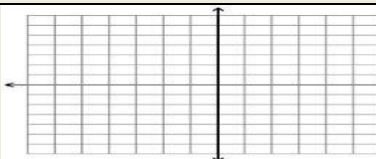
(Above Graph is cubic function  $(x+5)(x+1)(x-4)$  which show a secret tunnel)

If India's defence chiefs so desire, certain secret tunnels which are based on graph of following functions could be constructed to connect frontline warriors across various locations; these tunnels would provide protection during heavy mortar fire or high-intensity shelling by the enemy: -

**(Use the graph paper and paste it on HHW Note Book)**

**Q5. Draw the graph of following functions and show the domain and range limit.**

f(x)	Domain	Range	Graph
$Y = x^3$			
$y =  x - 3 $			
$y = x^2 - x$			
$y = [x]$			

$y = \text{Sgn}(x)$			
$Y = 2^x$			
$Y =  x  +  x - 1 $			
$Y =  x - 2  +  x + 2 $ $-3 \leq x \leq 3$			

**Q6. On Indian Border (LOC) Army is set the landmines and explosives according the range limit of following function for safety purpose, so find the domain and range limits on LOC where landmines and explosives are arranged by  $f(x)$ : -**



S.N.	$f(x)$	Domain	Range
i.	$f(x) = 2 -  x - 5 $		
ii.	$F(x) = \frac{ x-3 }{x-3}$		
iii.	$f(x) = \frac{x^2}{1+x}$		
iv.	$f(x) = \sqrt{25 - x^2}$		

v.	$f(x) = \frac{3}{2-x^2}$		
vi.	$f(x) = \frac{1}{\sqrt{x-100}}$		
vii.	$f(x) = \sqrt{x-3} + 1$		
viii.	$f(x) = \log(5-6x)$		-----
ix.	$f(x) = \sqrt{2-x} + \frac{1}{\sqrt{x^2-1}}$		-----
x.	$f(x) = \frac{1}{\sqrt{x- x }}$		-----

**Q7.** Find secret code by communication between Raw Agents with solution of equations.

(Solve the equation and found secret code):

- $[x]^2 - 5[x] + 6 = 0$
- $[x]^2 - 3[x] + 2 = 0$
- $|2x - 3| - 1 = 0$
- $2 \leq |x| \leq 3$
- $|x - 4| + |x - 3| = 3$
- $|x - 1| < 3$
- $\sqrt{3}x^2 - \sqrt{2}x + 3\sqrt{3} = 0.$
- $x^2 - 2x - |x - 1| - 5 = 0$
- $2x^2 + x + 1 = 0$  [ Put  $\sqrt{-1} = i$ ,  $i$  is an imaginary root ]
- $-x^2 + x - 2 = 0$

**Q8.** Question based on type of relations:

(a) Define "Stable Peace" (Equivalence Relation)

A "Stable Peace" is a relationship that is reflexive, symmetric, and transitive. show that

I)  $P = \{(1,1), (2,2), (3,3), (1,2), (2,1), (2,3), (3,2), (1,3), (3,1)\}$  is an equivalence relation.

(b) Identify the Empty and Universal relation with explanation:

(i) A scenario where no country is at war

(ii) A scenario where every country is at war with every other country including itself.

(c) Check that separately peace and war is reflexive, symmetric and transitive relation on set of some countries C:

(i)  $aRb \Rightarrow$  Country a has peaceful relations with Country b

(ii)  $aRb \Rightarrow$  Country a is at war with Country b

(d) If  $A = \{ \text{Russia, Armenia, Israel} \}$   $B = \{ \text{Palestine, Ukraine, Azerbaijan, Lebanon} \}$  If  $R$  is relation from  $A$  to  $B$  such that  $(a,b) \in R \Rightarrow$  Country a is at war with Country b,  $a \in A$ ,  $b \in B$  find that:

(i)  $R$  in roster form (ii)  $n(AXB)$  (iii)  $n(R)$  (iv) Show  $R$  by arrow diagram (v) Show  $R$  by table diagram (iv) Can  $R$  is one-one and onto justify.

**Note: In addition to completing your homework, review and practice the portion of the syllabus that has already been covered in class; this is because these chapters will be included in the half-yearly examinations and are also interconnected with other chapters.**

## विषय – संस्कृत

- 1) सामूहिकं यज्ञं कृत्वा सामूहिकं योगप्रशिक्षणं च दत्त्वा तस्य सामूहिकछायाचित्रम् एकस्मिन् A4 sheet संश्लेश्य तस्य विवरणं संस्कृतेन कर्गदे लिखत।
- 2) स्व-पाकशालायाम् उपलब्ध-खाद्य-वस्तूनां नामानि तेषां पात्रेषु संस्कृते विलिख्य छायाचित्राणि A4 sheet कर्गदे संश्लेश्य आनयन्तु।
- 3) 'ईशावास्योपनिषद्' इति पाठं स्मृत्वा तस्य द्विपृष्ठात्मकः भावः एकस्यां संचिकायां (FILE) संस्कृतेन लिखत।
- 4) अस्माकं जीवनं कथं भवेत्? इति द्वितीय-पाठं पठित्वा लघु-टिप्पणीपुस्तिकायां तस्य सारं विलिख्य आनयन्तु।
- 5) अमेरिका ईरानयोः मध्ये युद्धः प्रचलति तस्य सर्वेषां मानवानां जीवने कः प्रभावः भविष्यति? एक-पृष्ठात्मकः लेखः लेखनीयः।
- 6) क्रिया कलाप-

क्रम.सं.	दिनाङ्कः	अभिवादनम्	योगः	यज्ञः	भोजनमन्त्रः	संस्कृतवाक्यम्	शयनमन्त्रः	अभिभावक-हस्ताक्षरम्
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29.	24.06.26							
30.	25.06.26							

**धातव्य-**

1. भो छात्र ! प्रतिदिन आपको उपरोक्त क्रिया कलाप अवश्य करने हैं और प्रतिनित्य अपने अभिभावकों के हस्ताक्षर इस आशय से कराने हैं कि आपने उनके समक्ष किया है।
2. प्रतिदिन किये गये क्रिया कलाप को चित्र के माध्यम से प्रमाण सहित उपस्थित करना अनिवार्य है।
3. **संस्कृत वाक्य** में प्रतिदिन अपने अभिभावकों को एक-एक संस्कृत का वाक्य सिखाना है।
4. इस गृहकार्य के अंक आपके आंतरिक मूल्यांकन (**Internal Assessment**) के क्रियाकलाप (Activity) में जोड़े जायेंगे।

## विषय : हिंदी

### भाग – 'क' : रचनात्मक अभिव्यक्ति

निम्नलिखित में से कोई एक कार्य कीजिए —

1. “यदि संसार में युद्ध न होते...” विषय पर लगभग 500 शब्दों में भावात्मक निबंध लिखिए।
2. सीमा पर तैनात एक सैनिक की डायरी का एक पृष्ठ लिखिए।
3. “शांति ही मानवता का भविष्य है” विषय पर कविता लिखिए।
4. युद्ध से प्रभावित एक बच्चे की ओर से विश्व के नेताओं को पत्र लिखिए।

### भाग – 'ख' : शोध आधारित गतिविधि ( research based activity)

\*निम्नलिखित में से किसी एक विषय पर परियोजना फाइल (प्रोजेक्ट फाइल) तैयार कीजिए\*

1. महाभारत युद्ध तथा उसके परिणाम
2. प्रथम अथवा द्वितीय विश्व युद्ध का मानवता पर प्रभाव
3. गांधी जी तथा अहिंसा का सिद्धांत
4. विश्व शांति स्थापना में संयुक्त राष्ट्र संघ की भूमिका
5. आधुनिक तकनीक (टेक्नोलॉजी) और युद्ध

### विशेष बिंदु--

(चित्र, समाचार-पत्रों की कटिंग, प्रेरक कथन (कोटेशन) तथा अपने विचार अवश्य सम्मिलित करें।)

### भाग – \*'ग' : दक्षता आधारित प्रश्नावली

निम्नलिखित प्रश्नों के उत्तर दीजिए\* —

1. युद्ध और प्रतियोगिता में क्या अंतर है?
2. क्या केवल शक्तिशाली राष्ट्र ही शांति स्थापित कर सकते हैं? अपने विचार लिखिए।
3. महाभारत से आधुनिक समाज क्या सीख सकता है?
4. युद्ध का सबसे अधिक प्रभाव किन लोगों पर पड़ता है और क्यों?
5. यदि आप संयुक्त राष्ट्र संघ के प्रमुख होते, तो विश्व शांति हेतु क्या कदम उठाते?
6. सामाजिक माध्यम (सोशल मीडिया) युद्ध और शांति दोनों को किस प्रकार प्रभावित करता है?

7. क्या विज्ञान मानवता के लिए वरदान है अथवा युद्ध का साधन? तर्क सहित लिखिए।
8. “अहिंसा सबसे बड़ी शक्ति है।” स्पष्ट कीजिए।
9. युद्ध के कारण पर्यावरण पर क्या प्रभाव पड़ता है?
10. शांति स्थापित करने में युवाओं की क्या भूमिका हो सकती है?

### **विद्यार्थियों हेतु निर्देश**

1. कार्य ए-4 आकार (साइज़) की फाइल अथवा कॉपी में सुंदर लेखन में कीजिए।
2. परियोजना फाइल 8 से 10 पृष्ठों की होनी चाहिए।
3. चित्र, चार्ट, समाचार, प्रेरक कथन (कोटेशन) तथा अपने विचार अवश्य सम्मिलित करें।
4. सभी प्रश्नों के उत्तर अपने शब्दों में लिखिए।
5. कार्य स्वच्छ, रचनात्मक तथा व्यवस्थित होना चाहिए।
6. विद्यार्थियों को कक्षा में कराया गया समस्त कार्य नियमित रूप से दोहराना (revise) तथा अभ्यास करना भी अनिवार्य है।