



*Inspiring
Minds,
Shaping
Futures*

DELHI ENGLISH ACADEMY

SUMMER

Holidays



HOMESCHOOLWORK

CLASS XI A

Laying the foundation of excellence



DELHI ENGLISH ACADEMY



Summer vacation is your time to shine - a chance to chase new dreams, explore the world around you and grow in ways you never imagined.

Dear Parents and Students,

Greetings from Delhi English Academy!

Summer vacation is a cherished chapter in a child's life - a season of joy, freedom and boundless possibilities. It offers young minds the precious opportunity to pursue their interests, explore their creativity and indulge in the simple pleasures of family togetherness. Whether it is laughter shared with siblings, stories exchanged with grandparents, or adventures embarked upon with parents, these golden days become the most treasured moments in a student's journey.



SUMMER VACATION

Relax • Explore • Learn • Grow



Dear Students,

As you begin your holiday break, remember to balance rest, recreation, and learning. Please follow these instructions carefully to complete your holiday homework in an organized and effective manner.



HOMECWORK GUIDELINES

- Plan your schedule wisely to complete all assignments on time.
- Avoid last-minute stress; complete a little work each day.
- Ensure your work is neat, legible, and well-organized.
- Use appropriate stationery and maintain clean pages.
- Clearly label each assignment with your Name, Class, and Subject.
- All worksheets must be completed in the notebooks.
- Plagiarism or copying from others will not be appreciated.
- Be creative, especially in projects and artwork.
- Use books, educational websites, and other reliable sources for help.
- Mention sources wherever required for research-based work.
- Late submissions will not be accepted.
- Marks will be awarded for every assignment, worksheet, and project.
- You may take guidance from parents or guardians, but the work should remain your own.
- Use your holidays to relax, explore hobbies, and spend quality time with family.
- Maintain a healthy routine and stay safe.



IMPORTANT DATES

Activity	Date
School Reopens	1st July 2026
Submission of Holiday Homework	6th July 2026

Wishing You a Joyful, Safe, and Productive Holiday!



Delhi English Academy
Summer Holiday Homework
Class: XI
Session: 2026-27

English

Activity

1. Prepare A Brochure showcasing the glimpse of Andaman and Nikobar Island and Lakshadweep Sea.

Project file

- ❖ Make a project file based on any one of the given lesson.(Roll No wise)
- ★ The Summer Of The Beautiful White House (1 to 8)
- ★ A Photograph (9 to 16)
- ★ We Are Not Afraid To Die (17 to 24)
- ★ Discovering Tut (25 to 32)
- ★ The portrait of a Lady (33 to 40)

Points to Remember

- ★ Only plain ruled sheets are allowed
- ★ Use blue n black pen only
- ★ Sketch colours for highlights only
- ★ Neat Handwriting
- ★ Images are compulsory
- ★ Use of Correction pen strictly prohibited

Page wise presentation

1. Acknowledgement
2. Certificate
3. Index
4. Introduction
5. Characters
6. Character's Sketch
7. About author
8. Critical analysis
9. Theme
10. Summary
11. Conclusion
12. Bibliography

- ❖ Do the worksheet in English notebook.
- ❖ Recapitulate the work done in class.

Mathematics

Activity

- ❖ Collect data on population census of Andaman and Nicobar (male and female ratio) 2001 2011 ,2021 present them in bar graph, pie chart

- ❖ Revise ch 1 ,2 and 4
- ❖ Do the worksheet in Mathematics notebook.
- ❖ Recapitulate the work done in class.

Chemistry

Activity

1. Prepare a model on solar powered Island House and explain its connection with Island of Lakshadweep and Andaman & Nicobar Island. (Roll No. 1 – 11)

2. Make a colourful poster (A3 size sheet) on “coral Reef Protection related to Lakshadweep. Include causes of coral reef damage, method of protection, suitable drawings. .

Project File:

- ❖ Make a project file based on the given topics as per the roll no mentioned below:
 1. Chemistry Around Us: From Atoms to Reactions (roll 1-6)
 2. Redox reactions and Organic Chemistry in Daily Life (roll 7- 12)
 3. The World Inside an Atom (roll 13-16)
 4. Exploring the Basics of Modern Chemistry (roll 17 onwards)

Instructions:

1. Only plain ruled sheets will be used
2. Use black and blue pen only (Correction pen absolutely prohibited)
3. Neat Handwriting must
4. Sketch colours for highlights only
5. Pictures/Images are compulsory

Page wise presentation:

1. Cover Page
2. Certificate
3. Acknowledgement
4. Index

5. Introduction
6. Objectives Of the Project
7. Main Content
8. Case Study
9. Picture/ Charts
10. Conclusion
11. Bibliography

❖ *Do the worksheet in your Chemistry notebook.*

❖ *Recapitulate the work done in class.*

Biology

Activity

Instructions

1. Each student will complete the task assigned according to their name number.
2. Work should be neat, creative, and well-labelled.
3. Students may use chart paper, colours, and pictures to enhance presentation.
4. Each task has a specific presentation format allotted; follow it strictly.
5. Use diagrams and relevant examples wherever required.

Student Name	Activity Type	Topic	Presentation Format
Abhinav	Eco Story Board	Journey of a Marine Organism in Andaman Sea Include coral reef, food chain, and adaptations.	Flipbook
Kashish	Awareness Campaign Design	Biodiversity Conservation in Andaman v/s Pollution in Delhi Present a comparison using poster-style content.	Chart
Pratishtha	Creative Bio Writing	If Trees of Delhi Could Speak... Highlight pollution effects and importance of plants.	Collage
Shagun	Scientific Illustration Task	Draw and label: Marine ecosystem (Andaman) Terrestrial ecosystem (Delhi)	Chart Paper

Umme Hani	Concept Mapping Activity	Ecosystem Components Use examples from Andaman and Delhi.	Mind Map Chart
Darsh	Collage Making Activity	Coral Reef Ecosystem (Andaman) OR Food Chain (Delhi ecosystem)	Collage
Harshit	Mini Research Project	Adaptations in Marine Organisms of Andaman Islands Include diagram, explanation, and examples.	Flipbook
Anmol	Schema	Vegetation of Andaman and Nicobar Island	Chart

Investigatory Project Guidelines

- **Investigatory Project is compulsory for all students.**
- **Project should be handwritten neatly on A4 size sheets/file.**
- **Use blue/black pen for content writing.**
- **Headings can be written using calligraphy/sketch pens.**
- **Printed pictures/images may be used wherever required.**
- **Maintain proper index**
- **Project should be submitted in a decorated file/folder.**

Suggested Format of Project File

- 1. Cover Page**
- 2. Certificate**
- 3. Acknowledgement**
- 4. Index**
- 5. Aim**
- 6. Introduction**
- 7. Theory**
- 8. Material Required**
- 9. Procedure/Methodology**
- 10. Observation**
- 11. Precautions**
- 12. Result and Discussion**
- 13. Conclusion**
- 14. Bibliography**

Investigatory Project List

S. No.	Student Name	Investigatory Project Topic
1	Abhinav	Study of Different Types of Plant Tissues
2	Pratishtha	Comparative Study of Monocot and Dicot Seeds
3	Shagun	Study of Photosynthesis in Leaves
4	Ummehani	Study of Human Digestive System and Healthy Diet
5	Kashish	Study of Osmosis Using Raisins
6	Darsh	Study of Different Types of Animal Tissues
7	Harshit	Study of Transpiration in Plants
8	Anmol	Study of Morphology of flowering Plants

❖ *Do the worksheet in your Biology notebook.*

❖ *Recapitulate the work done in class.*

Physics

Activity

- Prepare a working model of conversion on wind energy to electrical energy along the sides of Island of Andaman & Nicobar and Lakshadweep Island. Model base should be wooden. (Roll No. 12 onwards)
- Draw an infographic or a comic strip of the law of conservation of Energy showing how the kinetic energy of ocean waves is converted into electrical energy in Lakshadweep.
- Investigatory project file

Roll No.	Investigatory Project Topic
1, 9, 17	To study mechanical properties of solids
2, 1, 18	To study the factors affecting the range and the height of the projectile
3, 11, 19	To study bernoullis theorem and its application
4, 12, 20	To study the thermodynamics process
5, 13	To study the effective length of a simple pendulum
6, 14	To study the concept of centre of gravity
7, 15	To study the newton's law of motion
8, 16	To study the elastics collision in one dimension

Suggested Format of Project File

1. Cover Page
2. Certificate
3. Acknowledgement
4. Index

5. Aim
6. Introduction
7. Theory
8. Material Required
9. Procedure/Methodology
10. Observation
11. Precautions
12. Result and Discussion
13. Conclusion
14. Bibliography

- ❖ *Do the worksheet in your Physics notebook.*
- ❖ *Recapitulate the work done in class.*

Computer Science

Activity

Prepare a Chart on ASCII Code.

- ❖ *Do the worksheet in your Computer Science notebook.*
- ❖ *Recapitulate the work done in class.*

Physical Education

Activity

Andaman and Nicobar topics activities

Sports Activity Chart

- ❖ Show different corners:
- ❖ One for scuba diving
- ❖ One for kayaking
- ❖ One for beach volleyball

- ❖ *Do the worksheet in your Physical Education notebook.*
- ❖ *Recapitulate the work done in class.*

Delhi English Academy
(CBSE Affiliated Senior Secondary School)
Holiday Homework Worksheet
Subject-English Grammar

Q1. Prepare a beautiful Advertisement for selling your HONDA bike with all important details on A3 size sheet.

Q2. Tenses

Fill in the blank with the correct form of the verb:

She _____ (finish) her homework before dinner yesterday.

Q3. Tenses

Choose the correct option:

They _____ to the market now. (go / are going)

Q4. Tenses

Rewrite in past continuous tense:

He plays cricket.

Q5. Clause Identification

Identify the type of clause:

I know that she is honest.

Q6. Clause Identification

Identify the type of clause:

The boy who is playing outside is my brother.

Q7. Tenses

Fill in the blank:

If she _____ (study) hard, she will pass the exam.

Q8. Clause Type

Identify the type of clause:

I will come when you call me.

Q9. Tenses

Fill in the blank:

We _____ (watch) a movie at this time tomorrow.

Q10. Clause Combination

Combine using a suitable clause:

He was tired. He went to bed early.

Q11. Error Correction (Tense/Clause)

Find and correct the error:

If he will come, I will help him.

Writing Skills

1. Prepare a note making by taking the help from your book and write summary also in 50 words.
2. Write a speech on conservation of natural resources.

Delhi English Academy
(CBSE Affiliated Senior Secondary School)
Holiday Homework Worksheet
Subject-English Literature

From We Are Not Afraid to Die... If We Can All Be Together

1. What was the author's original plan for the voyage?
2. How did the family react during the storm?

From The Summer of the Beautiful White Horse

3. Why did Aram trust Mourad despite knowing about the stolen horse?
4. What was Mourad's explanation for taking the horse?

From The Portrait of a Lady

5. How did the grandmother spend her time in the village?
6. What changes came in her life after moving to the city?

From A Photograph

7. What does the photograph depict?
8. What is the poet's reaction to her mother's death?

Mixed (Application-based)

9. What lesson about courage do you learn from the voyage story?
10. How is the theme of loss common in both A Photograph and The Portrait of a Lady?

Delhi English Academy
(CBSE Affiliated Senior Secondary School)
Holiday Homework Worksheet
Subject-Chemistry

A. Fill in the blanks:

1. One mole contains _____ particles.
2. The formula mass of NaCl is _____ u.
3. Neutrons were discovered by _____.
4. Oxidation is addition of _____.
5. The value of Planck's constant is _____.
6. The SI unit of amount of substance is _____.

B. Short Questions

1. Calculate the number of atoms present in 1.4g of N₂ molecule?
2. Out of 4s and 3d orbital, which have higher energy and why?
3. What is photon? What is expression for energy of photon?

C. Long Questions

1. Calculate the uncertainty in the velocity of wagon of mass 200kg whose position is known to accuracy of (+/-) 10m.
2. Which one of the following will have largest number of atoms.
 - a) 1g Au(s)
 - b) 1g Li(s)
 - c) 1g Na (s)
 - d) 1g Cl₂ (g)

D. Draw the structure of d orbital?

Delhi English Academy
(CBSE Affiliated Senior Secondary School)
Holiday Homework Worksheet
Subject-Mathematics

1. Write the following sets in the roster form.

(i) $A = \{x \mid x \text{ is a positive integer less than } 10 \text{ and } 2^x - 1 \text{ is an odd number}\}$

(ii) $C = \{x : x^2 + 7x - 8 = 0, x \in \mathbb{R}\}$

2. Let $U = \{1, 2, 3, 4, 5, 6\}$, $A = \{2, 3\}$ and $B = \{3, 4, 5\}$.

3. Find A' , B' , $A' \cap B'$, $A \cup B$ and hence show that $(A \cup B)' = A' \cap B'$.

a) A'

b) B'

c) $A' \cap B'$

d) $A \cup B$

4. In a class of 60 students, 23 play hockey, 15 play basketball, 20 play cricket and 7 play hockey and basketball, 5 play cricket and basketball, 4 play hockey and cricket, 15 do not play any of the three games. Find

(i) How many play hockey, basketball and cricket

(ii) How many play hockey but not cricket

(iii) How many play hockey and cricket but not basketball

5. In a survey of 600 students in a school, 150 students were found to be drinking Tea and 225 drinking Coffee, 100 were drinking both Tea and Coffee. Find how many students were drinking neither Tea nor Coffee.

6. Assume that $A = \{1, 2, 3, \dots, 14\}$. Define a relation R from A to A by $R = \{(x, y) : 3x - y = 0, \text{ such that } x, y \in A\}$. Determine and write down its range, domain, and codomain.

7. Redefine the function: $f(x) = |x - 1| - |x + 6|$. Write its domain also.

8. Express the function $f: A \rightarrow \mathbb{R}$. $f(x) = x^2 - 1$. where $A = \{-4, 0, 1, 4\}$ as a set of ordered pairs.

9. Represent the following in the form of $a+ib$

a) i^3

b) i^{-39}

10. Evaluate the expression $(1+i)^4$

11. Q10. Multiply $3-2i$ by its conjugate.

Delhi English Academy
(CBSE Affiliated Senior Secondary School)
Holiday Homework Worksheet
Subject-Biology

Instructions

- Attempt all questions neatly.
- Use labeled diagrams wherever required.
- Submit the worksheet on time.
- Do it in your subject copy.

1. What are the characteristics of living organisms?
2. Define biodiversity.
3. Name the scientist who proposed the Five Kingdom Classification.
4. Differentiate between prokaryotic and eukaryotic cells.
5. Give one example each of algae, fungi, and bryophyte.
6. What is photosynthesis?
7. Name the largest phylum of the animal kingdom.
8. Write two characteristics of mammals.
9. Why is classification important in biology?
10. Draw and label any one plant cell or animal cell.

Delhi English Academy
(CBSE Affiliated Senior Secondary School)
Holiday Homework Worksheet
Subject-Physics

1. Find the dimensional formula of force.
2. Determine dimensions of work done.
3. Find dimensional formula of pressure.
4. Check whether equation $v = u + at^2$ is dimensionally correct.
5. Find dimensions of gravitational constant (G).
6. Determine dimensions of power.
7. Find dimensional formula of electric current density.
8. Check dimensional correctness of $s = ut + \frac{1}{2}at^2$.
9. Find dimensions of surface tension.
10. Convert 1 km/h into m/s.
11. A body starts from rest and accelerates at $2m/s^2$. Find velocity after 5 s.
12. A car moving with $10m/s$ accelerates at $2m/s^2$ for 5 s. Find final velocity.
13. Find displacement using $u = 5m/s$, $a = 2m/s^2$, $t = 3s$.
14. A body moving with $20m/s$ comes to rest in 5 s. Find acceleration.
15. Find velocity using $v^2 = u^2 + 2as$ when $u = 0$, $a = 4m/s^2$, $s = 8m$.
16. A body covers 100 m in 10 s with uniform velocity. Find velocity.
17. A train accelerates from 10 m/s to 30 m/s in 10 s. Find acceleration.
18. Find displacement when $u = 0$, $a = 5m/s^2$, $t = 4s$.
19. A body is thrown upward with velocity 20 m/s. Find time to reach maximum height.
20. Find distance travelled in last second of motion (free fall case).

Delhi English Academy
(CBSE Affiliated Senior Secondary School)
Holiday Homework Worksheet
Subject-Computer Science

1. What is the function of memory? What are its measuring units?
2. What is the difference between RAM and ROM?
3. What is the role of CPU of a mobile system?
4. What are various categories of software?
5. What is need for secondary memory?
6. How do different components of the computer communicate with each other?
7. Name the software required to make a computer functional. Write down its two primary services.
8. What is cache memory? How is it useful?
9. What is the importance of an OS?
10. Convert the following decimal number to binary:
 - i) 13
 - ii) 106
 - iii) 3.25
11. Convert 36748 to binary.

Delhi English Academy
(CBSE Affiliated Senior Secondary School)
Holiday Homework Worksheet
Subject-Physical Education

- Q1 What do you mean by physical education?
- Q2 What are the changing trends in physical education?
- Q3 Name any four career options in physical education. Explain any one.
- Q4 What is the meaning of Olympics?
- Q5 What are Olympic values?
- Q6 Explain the role of physical education in modern lifestyle.
- Q7 What is the difference between Ancient and Modern Olympics?
- Q8 Write Role of IOC.
- Q9 Explain the objectives of Olympic movement.
- Q10 Mention any two myths related to physical education and sports.



*Inspiring
Minds,
Shaping
Futures*

DELHI ENGLISH ACADEMY

SUMMER

Holidays



HOMESCHOOLWORK

CLASS XI B

Laying the foundation of excellence



DELHI ENGLISH ACADEMY



Summer vacation is your time to shine - a chance to chase new dreams, explore the world around you and grow in ways you never imagined.

Dear Parents and Students,

Greetings from Delhi English Academy!

Summer vacation is a cherished chapter in a child's life - a season of joy, freedom and boundless possibilities. It offers young minds the precious opportunity to pursue their interests, explore their creativity and indulge in the simple pleasures of family togetherness. Whether it is laughter shared with siblings, stories exchanged with grandparents, or adventures embarked upon with parents, these golden days become the most treasured moments in a student's journey.



SUMMER VACATION

Relax • Explore • Learn • Grow



Dear Students,

As you begin your holiday break, remember to balance rest, recreation, and learning. Please follow these instructions carefully to complete your holiday homework in an organized and effective manner.



HOMework GUIDELINES

- Plan your schedule wisely to complete all assignments on time.
- Avoid last-minute stress; complete a little work each day.
- Ensure your work is neat, legible, and well-organized.
- Use appropriate stationery and maintain clean pages.
- Clearly label each assignment with your Name, Class, and Subject.
- All worksheets must be completed in the notebooks.
- Plagiarism or copying from others will not be appreciated.
- Be creative, especially in projects and artwork.
- Use books, educational websites, and other reliable sources for help.
- Mention sources wherever required for research-based work.
- Late submissions will not be accepted.
- Marks will be awarded for every assignment, worksheet, and project.
- You may take guidance from parents or guardians, but the work should remain your own.
- Use your holidays to relax, explore hobbies, and spend quality time with family.
- Maintain a healthy routine and stay safe.



IMPORTANT DATES

Activity	Date
School Reopens	1st July 2026
Submission of Holiday Homework	6th July 2026

Wishing You a Joyful, Safe, and Productive Holiday!



Delhi English Academy
Summer Holiday Homework
Class: XI
Session: 2026-27

English

Activity

1. Prepare A Brochure showcasing the glimpse of Andaman and Nikobar Island and Lakshadweep Sea.

Project file

- ❖ Make a project file based on any one of the given lesson.(Roll No wise)
 - 1) The Summer Of The Beautiful White House (1 to 8)
 - 2) A Photograph (9 to 16)
 - 3) We Are Not Afraid To Die (17 to 24)
 - 4) Discovering Tut (25 to 32)
 - 5) The portrait of a Lady (33 to 40)

Points to Remember

- 1) ★Only plain ruled sheets are allowed
- 2) Use blue n black pen only
- 3) Sketch colours for highlights only
- 4) Neat Handwriting
- 5) Images are compulsory
- 6) Use of Correction pen strictly prohibited

Page wise presentation

1. Acknowledgement
2. Certificate
3. Index
4. Introduction
5. Characters
6. Character's Sketch
7. About author
8. Critical analysis
9. Theme
10. Summary
11. Conclusion
12. Bibliography

- ❖ Do the worksheet in English notebook.
- ❖ Recapitulate the work done in class.

Mathematics

Activity

- ❖ **Collect data on population census of Andaman and Nicobar (male and female ratio) 2001 2011 ,2021 present them in bar graph, pie chart**

- ❖ **Revise ch 1 ,2 and 4**
- ❖ **Do the worksheet in Mathematics notebook.**
- ❖ **Recapitulate the work done in class.**

Accountancy

Activity

- ❖ **Art Activity Collage/Poster showing Financial Accounting System of “Andaman & Nicobar”**

Project Work

- ❖ **Comprehensive analysis of business transactions of the sole proprietor. (Roll No. 1 to 10)**
- ❖ **Analysis of vouchers with transactions. (Roll No. 11 to 20)**

- ❖ *Do the worksheet in your Accountancy notebook.*
- ❖ *Recapitulate the work done in class.*

Business Studies

Activity

- ❖ **Make a chart on Economic and non-Economic Activities.**
- ❖ **Make a model on Banking system in India (Related to Lakshadweep and Andaman and Nicobar Island) (Roll No. 1 – 10)**

Material Required

- ❖ **Use Thermocol sheets and Cardboard to make a model.**

Project Work Guidelines

Assessment Criteria-

S. No.	Heading	Marks Allotted
1.	Initiative and relevance of topic	2
2.	Creativity and presentation	5
3.	Content, observation and research work	5
4.	Viva-voce	8
	Total	20 Marks

Allotment of Topics-

1. Banking Services (Roll No. 1 – 5)
2. Sources of Business Finance (Roll No. 6 – 10)
3. Insurance - Aids to Trade (Roll No. 11 – 15)
4. Survey on Consumer Awareness (Roll No. 16 – 20)

Standard B.ST Project Report Format (Page-Wise)

Below is a detailed, page-wise project guide that students can follow for their Business Studies project as per the CBSE Guidelines-

- The project file should be 25 to 30 pages in total.
 - The project must be handwritten.
 - It should be an independent and self-directed piece of study.
- The report must be submitted in a ring binder file covered with DARK BLUE chart paper and plastic sheet.

Submitted to-

Submitted by- Name of the student, Class, Section, Roll Number

1. Cover Page
2. Acknowledgement
3. Certificate-.Include Student's Signature, teacher's signature and date.
4. Index- List of all sections with page numbers.
5. Introduction- Brief overview of the topic chosen
6. Objectives- Clearly state 2-3 goals of the project
Examples: To understand the difference between online and offline Business To analyze how businesses use advertising to influence consumers
7. Research Methodology- Explain how the data was collected: Primary sources: surveys, interviews, Observation / Secondary sources: websites, books, articles

- 8. Observations and Findings/ Detailed Study of topic - This is the main section. Content varies by topic, but may include:
Case studies, Photos (if students visited a store or bank), Sample documents (like mock invoices, bank forms, product labels), comparison tables or other main content**
- 9. Analysis - analysis of data with graphs, charts, write-up**
- 10. Conclusion- How the project enhanced understanding of BST concepts**
- 11. Bibliography- List all sources used: Websites, Books, and Interviews Websites should include only official reliable websites like those of companies, govt authorities, news agencies etc. (DO NOT include google, chatgpt, pinterest, quora, wikipedia etc)**

NCERT Business Studies Class 11/ reference book provided by the school

❖ Do the worksheet in your Business Studies notebook.

❖ Recapitulate the work done in class.

Economics

Activity

- ❖ Make a model on factors of production based on Andaman and Nicobar Island. (Roll No. 11 - 20)**

Materials Required

- Cardboard
- Colour paper
- Glue
- Sketch pen etc.

- ❖ Prepare a COLLAGE on classification of Economic Activities i.e. Agriculture, Industry, Trade, Tourism, Fishing and Infrastructure Facilities of Andaman & Nicobar Islands on A-3 size sheet with colourful pictures.**

General Instructions for Project Work:

- Use A-4 Size white color single sided ruled sheet. (Do not use any colorful or designing sheets.)
- Use colorful pens i.e., colorful sketch pens for headings only. (Do not use sparkle pens)
- Remaining part of the project will be written with blue pen.
- Color pictures related to the topic must be pasted on blank side of A-4 size sheet except Bibliography and Conclusion sheet.
- Minimum 23 sheets required for the project.
- Do not write page no. on the sheet.
- Do not write Acknowledgement and Certificate.

❖ *Make project file as per the details given below and discussions done in class.*

Project file

Name of the topics	Name of Students of Class XI– B	Name of Students of Class XI – C
Effect on PPC due to Various Government Policies	<ul style="list-style-type: none">• Aadhya Verma• Muskan• Abhikrit• Kuldeep	<ul style="list-style-type: none">• Jagriti• Abhay• Ritik
Effect on Equilibrium Prices in Local Market	<ul style="list-style-type: none">• Arpita• Saloni• Arnav• Madhusudan	<ul style="list-style-type: none">• Komal• Mohit Rana• Rohit Rana
Effect of Price Change on a Substitute Good	<ul style="list-style-type: none">• Diya Tiwari• Tanvi• Aryaman Rawat• Nishant	<ul style="list-style-type: none">• Payal Rana• Priyanshu• Vijay
Effect of Price Change on a Complementary Good	<ul style="list-style-type: none">• Mehak• Aryan• Jatin Kontala• Siddharth	<ul style="list-style-type: none">• Prerna• Lalit
Opportunity Cost as an Economic Tool	<ul style="list-style-type: none">• Monika• Bhavesh• Kartik• Vaibhav Thakran	<ul style="list-style-type: none">• Shrishti• Rakshit• Mayank

❖ *Do the worksheet in your Economics notebook.*

❖ *Recapitulate the work done in class.*

Computer Science

Activity

Prepare a Chart on ASCII Code.

- ❖ *Do the worksheet in your Computer Science notebook.*
- ❖ *Recapitulate the work done in class.*

Physical Education

Activity

Andaman and Nicobar topics activities

Sports Activity Chart

- ❖ **Show different corners:**
- ❖ **One for scuba diving**
- ❖ **One for kayaking**
- ❖ **One for beach volleyball**

- ❖ *Do the worksheet in your Physical Education notebook.*
- ❖ *Recapitulate the work done in class.*

Delhi English Academy
(CBSE Affiliated Senior Secondary School)
Holiday Homework Worksheet
Subject-English Grammar

Q1. Prepare a beautiful Advertisement for selling your HONDA bike with all important details on A3 size sheet.

Q2. Tenses

Fill in the blank with the correct form of the verb:

She _____ (finish) her homework before dinner yesterday.

Q3. Tenses

Choose the correct option:

They _____ to the market now. (go / are going)

Q4. Tenses

Rewrite in past continuous tense:

He plays cricket.

Q5. Clause Identification

Identify the type of clause:

I know that she is honest.

Q6. Clause Identification

Identify the type of clause:

The boy who is playing outside is my brother.

Q7. Tenses

Fill in the blank:

If she _____ (study) hard, she will pass the exam.

Q8. Clause Type

Identify the clause:

I will come when you call me.

Q9. Tenses

Fill in the blank:

We _____ (watch) a movie at this time tomorrow.

Q10. Clause Combination

Combine using a suitable clause:

He was tired. He went to bed early.

Q11. Error Correction (Tense/Clause)

Find and correct the error:

If he will come, I will help him.

Writing Skills

1. Prepare a note making by taking the help from your book and write the summary also in 50 words.
2. Write a speech on conservation of natural resources.

Delhi English Academy
(CBSE Affiliated Senior Secondary School)
Holiday Homework Worksheet
Subject-English Literature

From We Are Not Afraid to Die... If We Can All Be Together

1. What was the author's original plan for the voyage?
2. How did the family react during the storm?

From The Summer of the Beautiful White Horse

3. Why did Aram trust Mourad despite knowing about the stolen horse?
4. What was Mourad's explanation for taking the horse?

From The Portrait of a Lady

5. How did the grandmother spend her time in the village?
6. What changes came in her life after moving to the city?

From A Photograph

7. What does the photograph depict?
8. What is the poet's reaction to her mother's death?

Mixed (Application-based)

9. What lesson about courage do you learn from the voyage story?
10. How is the theme of loss common in both A Photograph and The Portrait of a Lady?

Delhi English Academy
(CBSE Affiliated Senior Secondary School)
Holiday Homework Worksheet
Subject-Mathematics

1. Write the following sets in the roster form.

(i) $A = \{x \mid x \text{ is a positive integer less than } 10 \text{ and } 2^x - 1 \text{ is an odd number}\}$

(ii) $C = \{x : x^2 + 7x - 8 = 0, x \in \mathbb{R}\}$

2. Let $U = \{1, 2, 3, 4, 5, 6\}$, $A = \{2, 3\}$ and $B = \{3, 4, 5\}$.

3. Find A' , B' , $A' \cap B'$, $A \cup B$ and hence show that $(A \cup B)' = A' \cap B'$.

a) A'

b) B'

c) $A' \cap B'$

d) $A \cup B$

4. In a class of 60 students, 23 play hockey, 15 play basketball, 20 play cricket and 7 play hockey and basketball, 5 play cricket and basketball, 4 play hockey and cricket, 15 do not play any of the three games. Find

(i) How many play hockey, basketball and cricket

(ii) How many play hockey but not cricket

(iii) How many play hockey and cricket but not basketball

5. In a survey of 600 students in a school, 150 students were found to be drinking Tea and 225 drinking Coffee, 100 were drinking both Tea and Coffee. Find how many students were drinking neither Tea nor Coffee.

6. Assume that $A = \{1, 2, 3, \dots, 14\}$. Define a relation R from A to A by $R = \{(x, y) : 3x - y = 0, \text{ such that } x, y \in A\}$. Determine and write down its range, domain, and codomain.

7. Redefine the function: $f(x) = |x - 1| - |x + 6|$. Write its domain also.

8. Express the function $f: A \rightarrow \mathbb{R}$. $f(x) = x^2 - 1$. where $A = \{-4, 0, 1, 4\}$ as a set of ordered pairs.

9. Represent the following in the form of $a+ib$

a) i^3

b) i^{-39}

10. Evaluate the expression $(1+i)^4$

11. Multiply $3-2i$ by its conjugate.

Delhi English Academy
(CBSE Affiliated Senior Secondary School)
Holiday Homework Worksheet
Subject- Accountancy

Q1 While preparing the annual accounts, if the company values the machinery at Rs. 8,00,000 which principle is being violated by Manya Ltd.?

Q2 Accounting to which concept, all expenses incurred to earn revenue of a particular period should be charged against that revenue to determine the net income?

Q3 Under which concept, the owner of a business is treated as a creditor to the extent of his capital?

Q4 Financial statements of an entity are prepared at regular intervals in accordance with which accounting concept?

Q5 According to which concept, each accounting transaction has at least two effects?

Q6 Name the concept under which the skills or quality of the management team is not disclosed in the financial statements.

Q7 Name the concept under which assets are recorded in books at the cost incurred for acquisition of such assets.

Q8. Rana commenced business on April 1st 2013 with a capital of Rs. 6,00,000. On 31st March, 2014 his assets were worth Rs. 8,00,000 and liabilities Rs. 50,000. Find out his closing capital and profits earned during the year.

Q9. Prepare Accounting Equation from the following:

- a) Aman Started business with Cash Rs.3 ,00,000.
- b) Purchased goods for Cash Rs. 60,000 and on Credit Rs. 50,000.
- c) Sold goods for Cash costing Rs. 40,000 at a profit of 10% and on Credit costing Rs. 72,000 at a profit of 25%.
- d) Prepaid for Rent Rs. 5,000.

Delhi English Academy
(CBSE Affiliated Senior Secondary School)
Holiday Homework Worksheet
Subject-Business Studies

1. Write short note on history of commerce in India.
2. List out major items of exports and imports in the ancient India.
3. Write short note on 'Merchant Corporation'.
4. Briefly discuss the concept of Indigenous Banking System.
5. Discuss any three functions of commerce.
6. State any four features of business.
7. Briefly discuss the major trade centers in ancient India.
8. What do you understand by trade? Discuss the various types of trade.
9. Discuss various social objectives of Business.
10. Discuss the two systems of inheritance under Hindu Undivided family business.
11. Distinguish between partnership and sole Proprietorship on the basis of:
 - a) Number of members
 - b) Capital contribution
 - c) Secrecy
12. Discuss the various merits and de-merits of Joint Stock Company.
13. Briefly discuss the various types of Partnership.
14. State the procedure for getting a partnership firm registered.
15. Differentiate between Partnership and Sole Proprietorship form of Business.

Delhi English Academy
(CBSE Affiliated Senior Secondary School)
Holiday Homework Worksheet
Subject-Economics

General Instructions:

- This worksheet is to be done on fair note-book.
- It must be done in a very neat and presentable manner.
- Questions must be done in the given sequence.

Part - A Statistics for Economics

Q1. Multiple Choice Questions:

- i) Scarcity of resources applies to all
- a) Individuals
 - b) Organisations
 - c) Countries
 - d) All of the above
- ii) Which method of collection of data covers the widest area?
- a) Direct Personal Investigation
 - b) Mailed Questionnaire Method
 - c) Telephone interviewed method
 - d) All of these
- iii) **Assertion (A):** There is no expectation of any kind of monetary reward in case of non-economic activities.

Reason(R): Non-economic activities are inspired by sentimental reasons and are performed out of sentiments, patriotism etc.

- (a) Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A).
- (b) Both Assertion (A) and Reason (R) are true but Reason (R) is not the correct explanation of Assertion (A).
- (c) Assertion (A) is true, but Reason (R) is false.
- (d) Assertion (A) is false, but Reason (R) is true.

iv) **Statement 1:** The purpose of collecting statistical data needs to be decided in advance.

Statement 2: In plural sense, the term “statistics, means statistical methods.

(a) Statement 1 is false and Statement 2 is true.

(b) Statement 1 is true and Statement 2 is false.

(c) Both Statements 1 and 2 are true.

(d) Both Statements 1 and 2 are false.

Q2. Answer the following questions:

- i) Write the merits of Direct Personal Investigation.
- ii) Distinguish between primary data and secondary data.
- iii) Explain the limitations of statistics.

Part – B Micro Economics

Q1. Multiple Choice Questions:

i) Economic problem arises due to the fact that

- a) resources are scarce
- b) human wants are unlimited
- c) resources have alternative uses
- d) all of these

ii) Increase of resources implies that production possibility curve

- a) shifts to the right
- b) shifts to the left
- c) rotates to the right
- d) None of these

iii) **Assertion (A):** Choice is the process of selection from available limited alternatives.

Reason (R): Resources are scarce and have alternative uses.

- (a) Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A).
- (b) Both Assertion (A) and Reason (R) are true but Reason (R) is not the correct explanation of Assertion (A).
- (c) Assertion (A) is true, but Reason (R) is false.
- (d) Assertion (A) is false, but Reason (R) is true.

iv) **Statement 1:** Positive statement are verifiable for truth.

Statement 2: Normative statement lead to controversies and debates/

- (a) Statement 1 is false and Statement 2 is true.
- (b) Statement 1 is true and Statement 2 is false.
- (c) Both Statements 1 and 2 are true.
- (d) Both Statements 1 and 2 are false.

Q2. Answer the following questions:

- i) Why do central problems arise?
- ii) How are central problems solved in different economies?
- iii) What is meant by production possibility curve? Illustrate with the help of a table and diagram.

Delhi English Academy
(CBSE Affiliated Senior Secondary School)
Holiday Homework Worksheet
Subject-Computer Science

1. What is the function of memory? What are its measuring units?
2. What is the difference between RAM and ROM?
3. What is the role of CPU of a mobile system?
4. What are various categories of software?
5. What is need for secondary memory?
6. How do different components of the computer communicate with each other?
7. Name the software required to make a computer functional. Write down its two primary services.
8. What is cache memory? How is it useful?
9. What is the importance of an OS?
10. Convert the following decimal number to binary:
 - i) 13
 - ii) 106
 - iii) 3.25
11. Convert 36748 to binary.

Delhi English Academy
(CBSE Affiliated Senior Secondary School)
Holiday Homework Worksheet
Subject-Physical Education

- Q1 What do you mean by physical education?
- Q2 What are the changing trends in physical education?
- Q3 Name any four career options in physical education. Explain any one.
- Q4 What is the meaning of Olympics?
- Q5 What are Olympic values?
- Q6 Explain the role of physical education in modern lifestyle.
- Q7 What is the difference between Ancient and Modern Olympics?
- Q8 Write Role of IOC.
- Q9 Explain the objectives of Olympic movement.
- Q10 Mention any two myths related to physical education and sports.



*Inspiring
Minds,
Shaping
Futures*

DELHI ENGLISH ACADEMY

SUMMER

Holidays



HOMESCHOOLWORK

CLASS XI C

Laying the foundation of excellence



DELHI ENGLISH ACADEMY



Summer vacation is your time to shine - a chance to chase new dreams, explore the world around you and grow in ways you never imagined.

Dear Parents and Students,

Greetings from Delhi English Academy!

Summer vacation is a cherished chapter in a child's life - a season of joy, freedom and boundless possibilities. It offers young minds the precious opportunity to pursue their interests, explore their creativity and indulge in the simple pleasures of family togetherness. Whether it is laughter shared with siblings, stories exchanged with grandparents, or adventures embarked upon with parents, these golden days become the most treasured moments in a student's journey.



SUMMER VACATION

Relax • Explore • Learn • Grow



Dear Students,

As you begin your holiday break, remember to balance rest, recreation, and learning. Please follow these instructions carefully to complete your holiday homework in an organized and effective manner.



HOMework GUIDELINES

- Plan your schedule wisely to complete all assignments on time.
- Avoid last-minute stress; complete a little work each day.
- Ensure your work is neat, legible, and well-organized.
- Use appropriate stationery and maintain clean pages.
- Clearly label each assignment with your Name, Class, and Subject.
- All worksheets must be completed in the notebooks.
- Plagiarism or copying from others will not be appreciated.
- Be creative, especially in projects and artwork.
- Use books, educational websites, and other reliable sources for help.
- Mention sources wherever required for research-based work.
- Late submissions will not be accepted.
- Marks will be awarded for every assignment, worksheet, and project.
- You may take guidance from parents or guardians, but the work should remain your own.
- Use your holidays to relax, explore hobbies, and spend quality time with family.
- Maintain a healthy routine and stay safe.



IMPORTANT DATES

Activity	Date
School Reopens	1st July 2026
Submission of Holiday Homework	6th July 2026

Wishing You a Joyful, Safe, and Productive Holiday!



Delhi English Academy
Summer Holiday Homework
Class: XI
Session: 2026-27

English

Activity

1. Prepare A Brochure showcasing the glimpse of Andaman and Nikobar Island and Lakshadweep Sea.

Project file

- ❖ Make a project file based on any one of the given lesson.(Roll No wise)
- ★ The Summer Of The Beautiful White House (1 to 8)
- ★ A Photograph (9 to 16)
- ★ We Are Not Afraid To Die (17 to 24)
- ★ Discovering Tut (25 to 32)
- ★ The portrait of a Lady (33 to 40)

Points to Remember

- ★ Only plain ruled sheets are allowed
- ★ Use blue n black pen only
- ★ Sketch colours for highlights only
- ★ Neat Handwriting
- ★ Images are compulsory
- ★ Use of Correction pen strictly prohibited

Page wise presentation

1. Acknowledgement
2. Certificate
3. Index
4. Introduction
5. Characters
6. Character's Sketch
7. About author
8. Critical analysis
9. Theme
10. Summary
11. Conclusion
12. Bibliography

- ❖ Do the worksheet in English notebook.
- ❖ Recapitulate the work done in class.

Hindi

Activity

- ❖ लक्षद्वीप पर पाए जाने वाले जानवरों का कोलाज तैयार कीजिए (A-3 size sheet).

परियोजना कार्य :-

1. लता मंगेशकर – भावना, गर्व, दीपक, रीया, वासु सोलंकी, भव्य, दिव्या, जयश, यश
2. कबीर दास जी- नेहा देवी, नीतिन सहरावत, प्रिया, लक्ष्य, जयंत राणा, हर्ष, नैतिक कुमार, लविश, विवेक

- ❖ Do the worksheet in Hindi notebook.
- ❖ Recapitulate the work done in class.

Mathematics

Activity

- ❖ Collect data on population census of Andaman and Nicobar (male and female ratio) 2001, 2019, 2021 present them in bar graph, pie chart

- ❖ Revise ch 1 ,2 and 4
- ❖ Do the worksheet in Mathematics notebook.
- ❖ Recapitulate the work done in class.

Economics

Activity

- ❖ Make a model on factors of production based on Andaman and Nicobar Island. (Roll No. 7, 12, 16, 18, 19, 23, 26, 28, 29)

Materials Required

- Cardboard
- Colour paper
- Glue
- Sketch pen etc.

- ❖ Prepare a COLLAGE on classification of Economic Activities i.e. Agriculture, Industry, Trade, Tourism, Fishing and Infrastructure Facilities of Andaman & Nicobar Islands on A-3 size sheet with colourful pictures.

General Instructions for Project Work:

- Use A-4 Size white color single sided ruled sheet. (Do not use any colorful or designing sheets.)
- Use colorful pens i.e., colorful sketch pens for headings only. (Do not use sparkle pens)
- Remaining part of the project will be written with blue pen.
- Color pictures related to the topic must be pasted on blank side of A-4 size sheet except Bibliography and Conclusion sheet.
- Minimum 23 sheets required for the project.
- Do not write page no. on the sheet.
- Do not write Acknowledgement and Certificate.

❖ *Make project file as per the details given below and discussions done in class.*

Project file

<u>Name of the topics</u>	<u>Name of Students of Class XI– B</u>	<u>Name of Students of Class XI – C</u>
Effect on PPC due to Various Government Policies	<ul style="list-style-type: none">• Aadhya Verma• Muskan• Abhikrit• Kuldeep	<ul style="list-style-type: none">• Jagriti• Abhay• Ritik
Effect on Equilibrium Prices in Local Market	<ul style="list-style-type: none">• Arpita• Saloni• Arnav• Madhusudan	<ul style="list-style-type: none">• Komal• Mohit Rana• Rohit Rana
Effect of Price Change on a Substitute Good	<ul style="list-style-type: none">• Diya Tiwari• Tanvi• Aryaman Rawat• Nishant	<ul style="list-style-type: none">• Payal Rana• Priyanshu• Vijay
Effect of Price Change on a Complementary Good	<ul style="list-style-type: none">• Mehak• Aryan• Jatin Kontala• Siddharth	<ul style="list-style-type: none">• Prerna• Lalit
Opportunity Cost as an Economic Tool	<ul style="list-style-type: none">• Monika• Bhavesh• Kartik• Vaibhav Thakran	<ul style="list-style-type: none">• Shrishti• Rakshit• Mayank

❖ *Do the worksheet in your Economics notebook.*

❖ *Recapitulate the work done in class.*

Geography

Activity

1. Make a chart on tribal culture of Andaman and Nickobar Island.

Make a practical file of Geography*

- ❖ Quarter size file
- ❖ One side plain one side rule
- ❖ *Use blue & black gel pen
- ❖ Cover with black chart paper
- ❖ Pictures, graph, maps & diagram should be well labelled

❖ *Do the worksheet in your Geography notebook.*

❖ *Recapitulate the work done in class.*

Political Science

Activity

1. Map Model of Lakshadweep with Governance System (Roll No. 2, 3, 5, 6, 8, 10, 11, 14, 15, 17, 20, 22, 31, 32, 33, 35)

Make a 3D map of Lakshadweep islands using cardboard/clay. Mark capital “Kavaratti.” Show Administrator, Panchayat system, villages, local self-government. Use arrows to show how decisions move from local bodies to central government.

2. On a colourful A3 size sheet make a project about the kinds of the “Environmental Challenges” of Lakshadweep with adding the relevant pictures on the topic.

Project File

- ❖ Make a project file based on the given topics as per the roll no mentioned below:
 1. Election Commission Of India (roll 1-6)
 2. Women In Politics (roll 7- 12)
 3. Social Media and Politics (roll 13-18)
 4. Democracy in India (roll 19-24)
 5. Fundamental Rights (25 onwards)

Instructions:

1. Only plain ruled sheets will be used
2. Use black and blue pen only (Correction pen absolutely prohibited)
3. Neat Handwriting must
4. Sketch colours for highlights only
5. Pictures/Images are compulsory

Page wise presentation:

1. Cover Page
2. Certificate
3. Acknowledgement
4. Index
5. Introduction
6. Objectives Of the Project
7. Main Content
8. Case Study
9. Picture/ Maps/ Charts/ Graphs
10. Conclusion
11. Bibliography

❖ *Do the worksheet in your Political Sciences notebook.*

❖ *Recapitulate the work done in class.*

History**Activity****Based On Andaman and Nicobar and Lakshyadweep Island**

- **Colonial History Diorama:** Craft a 3D diorama focusing on the maritime history, such as the construction of the Odam (local cargo boat) or the influence of the Arakkal dynasty.
- **Cultural Arts & Crafts:** Create models using coconut shells or paint scenes showing traditional dance forms like Lava, Parichakali, or Kolkali. (Roll No.1, 4, 9, 21, 24, 25)
- **Life Exhibit:** Design a clay model exhibit depicting early maritime activities, traditional food, and clothing. (Roll No. 13, 27, 30,34, 36)

Project Work

1. **Writing and City Life in Mesopotamia:** An analysis of Sumerian urban life and the evolution of writing. (Abhey, yash)

2. **The Roman Empire: A study of expansion, economy, and administrative systems.**(Komal, Rohit Rana)
3. **Nomadic Empires – Genghis Khan: A focus on the Mongol Empire’s military strategies and administration.**(Mohit)
4. **The Three Orders: Exploring social hierarchy (nobility, clergy, peasantry) in medieval Europe.**(Lovish, Deepak)
5. **The Renaissance in Europe: A study of art, science, and cultural developments.**(Naitik)
6. **Industrial Revolution: Examining the causes and impacts of early industrialization.**(Khushi)
7. **Displacing Indigenous Peoples: A study of European settler colonialism in North America or Australia.** (Payal)
8. **Paths to Modernization in East Asia: A comparative study of Japan and China’s transformation.** (Shrishti)

Note – Use A-4 size sheet and File use Blue pen, sketch pens, maps etc.

Must Include

Acknowledgement, Certificate, Introduction, Content, Conclusion and Bibliography Pictures, maps & diagram should be well labelled use Blue color Chart paper for cover.

Cover page must be related to the Topic.

Key Project Components: Objective: Define the purpose and scope of research. Introduction: Overview of the chosen theme. Content Analysis: Detailed research using primary/secondary sources. Visuals/Maps: Maps illustrating the Roman Empire or Mongol expansion are recommended. Conclusion: Summary of findings and personal reflection.

❖ *Do the worksheet in your History notebook.*

❖ *Recapitulate the work done in class.*

Computer Science

Activity

Prepare a Chart on ASCII Code.

- ❖ *Do the worksheet in your Computer Science notebook.*
- ❖ *Recapitulate the work done in class.*

Physical Education

Activity

Andaman and Nicobar topics activities

Sports Activity Chart

- ❖ **Show different corners:**
- ❖ **One for scuba diving**
- ❖ **One for kayaking**
- ❖ **One for beach volleyball**

- ❖ *Do the worksheet in your Physical Education notebook.*
- ❖ *Recapitulate the work done in class.*

Delhi English Academy
(CBSE Affiliated Senior Secondary School)
Holiday Homework Worksheet
Subject-English Grammar

Q1. Prepare a beautiful Advertisement for selling your HONDA bike with all important details on A3 size sheet.

Q2. Tenses

Fill in the blank with the correct form of the verb:

She _____ (finish) her homework before dinner yesterday.

Q3. Tenses

Choose the correct option:

They _____ to the market now. (go / are going)

Q4. Tenses

Rewrite in past continuous tense:

He plays cricket.

Q5. Clause Identification

Identify the type of clause:

I know that she is honest.

Q6. Clause Identification

Identify the topic of clause:

The boy who is playing outside is my brother.

Q7. Tenses

Fill in the blank:

If she _____ (study) hard, she will pass the exam.

Q8. Clause Type

Identify the clause:

I will come when you call me.

Q9. Tenses

Fill in the blank:

We _____ (watch) a movie at this time tomorrow.

Q10. Clause Combination

Combine using a suitable clause:

He was tired. He went to bed early.

Q11. Error Correction (Tense/Clause)

Find and correct the error:

If he will come, I will help him.

Writing Skills

1. Prepare a note making by taking the help from your book.
2. Write a speech on conservation of natural resources.

Delhi English Academy
(CBSE Affiliated Senior Secondary School)
Holiday Homework Worksheet
Subject-English Literature

From We Are Not Afraid to Die... If We Can All Be Together

1. What was the author's original plan for the voyage?
2. How did the family react during the storm?

From The Summer of the Beautiful White Horse

3. Why did Aram trust Mourad despite knowing about the stolen horse?
4. What was Mourad's explanation for taking the horse?

From The Portrait of a Lady

5. How did the grandmother spend her time in the village?
6. What changes came in her life after moving to the city?

From A Photograph

7. What does the photograph depict?
8. What is the poet's reaction to her mother's death?

Mixed (Application-based)

9. What lesson about courage do you learn from the voyage story?
10. How is the theme of loss common in both A Photograph and The Portrait of a Lady?

Delhi English Academy
(CBSE Affiliated Senior Secondary School)
Holiday Homework Worksheet
Subject-Hindi

प्र : निम्नलिखित प्रश्नों के उत्तर लिखिए।

1. संचार किसे कहते हैं?
2. संचार की प्रक्रिया के तत्वों के नाम लिखिए।
3. हिन्दी का पहला साप्ताहिक पत्र कौन सा था?
4. हिन्दी का पहला समाचार वाचक किसे माना जाता है?
5. आल इंडिया रेडियो की स्थापना कब हुई?
6. ईश्वर के स्वरूप के विषय में कबीर क्या कहते हैं?
7. लता मंगेशकर जी को भारत की बेजोड़ गायिका क्यों कहा जाता है?
8. पानी के रात भर गिरने और प्राण मन के घिरने में परस्पर क्या संबंध है?

Delhi English Academy
(CBSE Affiliated Senior Secondary School)
Holiday Homework Worksheet
Subject-Mathematics

1. Write the following sets in the roster form.

- (i) $A = \{x \mid x \text{ is a positive integer less than } 10 \text{ and } 2^x - 1 \text{ is an odd number}\}$
(ii) $C = \{x : x^2 + 7x - 8 = 0, x \in \mathbb{R}\}$

2. Let $U = \{1, 2, 3, 4, 5, 6\}$, $A = \{2, 3\}$ and $B = \{3, 4, 5\}$.

3. Find A' , B' , $A' \cap B'$, $A \cup B$ and hence show that $(A \cup B)' = A' \cap B'$.

a) A'

b) B'

c) $A' \cap B'$

d) $A \cup B$

4. In a class of 60 students, 23 play hockey, 15 play basketball, 20 play cricket and 7 play hockey and basketball, 5 play cricket and basketball, 4 play hockey and cricket, 15 do not play any of the three games. Find

- (i) How many play hockey, basketball and cricket
(ii) How many play hockey but not cricket
(iii) How many play hockey and cricket but not basketball

5. In a survey of 600 students in a school, 150 students were found to be drinking Tea and 225 drinking Coffee, 100 were drinking both Tea and Coffee. Find how many students were drinking neither Tea nor Coffee.

6. Assume that $A = \{1, 2, 3, \dots, 14\}$. Define a relation R from A to A by $R = \{(x, y) : 3x - y = 0, \text{ such that } x, y \in A\}$. Determine and write down its range, domain, and codomain.

7. Redefine the function: $f(x) = |x - 1| - |x + 6|$. Write its domain also.

8. Express the function $f: A \rightarrow \mathbb{R}$. $f(x) = x^2 - 1$. where $A = \{-4, 0, 1, 4\}$ as a set of ordered pairs.

9. Represent the following in the form of $a+ib$

a) i^3

b) i^{-39}

10. Evaluate the expression $(1+i)^4$

11. Q10. Multiply $3-2i$ by its conjugate.

Delhi English Academy
(CBSE Affiliated Senior Secondary School)
Holiday Homework Worksheet
Subject-Economics

General Instructions:

- This worksheet is to be done on fair note-book.
- It must be done in a very neat and presentable manner.
- Questions must be done in the given sequence.

Part - A Statistics for Economics

Q1. Multiple Choice Questions:

- i) Scarcity of resources applies to all
- a) Individuals
 - b) Organisations
 - c) Countries
 - d) All of the above
- ii) Which method of collection of data covers the widest area?
- a) Direct Personal Investigation
 - b) Mailed Questionnaire Method
 - c) Telephone interviewed method
 - d) All of these
- iii) **Assertion (A):** There is no expectation of any kind of monetary reward in case of non-economic activities.

Reason(R): Non-economic activities are inspired by sentimental reasons and are performed out of sentiments, patriotism etc.

- (a) Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A).
- (b) Both Assertion (A) and Reason (R) are true but Reason (R) is not the correct explanation of Assertion (A).
- (c) Assertion (A) is true, but Reason (R) is false.
- (d) Assertion (A) is false, but Reason (R) is true.

iv) **Statement 1:** The purpose of collecting statistical data needs to be decided in advance.

Statement 2: In plural sense, the term “statistics, means statistical methods.

- (a) Statement 1 is false and Statement 2 is true.
- (b) Statement 1 is true and Statement 2 is false.
- (c) Both Statements 1 and 2 are true.
- (d) Both Statements 1 and 2 are false.

Q2. Answer the following questions:

- i) Write the merits of Direct Personal Investigation.
- ii) Distinguish between primary data and secondary data.
- iii) Explain the limitations of statistics.

Part – B Micro Economics

Q1. Multiple Choice Questions:

i) Economic problem arises due to the fact that

- a) resources are scarce
- b) human wants are unlimited
- c) resources have alternative uses
- d) all of these

ii) Increase of resources implies that production possibility curve

- a) shifts to the right
- b) shifts to the left
- c) rotates to the right
- d) None of these

iii) **Assertion (A):** Choice is the process of selection from available limited alternatives.

Reason (R): Resources are scarce and have alternative uses.

- (a) Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A).
- (b) Both Assertion (A) and Reason (R) are true but Reason (R) is not the correct explanation of Assertion (A).
- (c) Assertion (A) is true, but Reason (R) is false.
- (d) Assertion (A) is false, but Reason (R) is true.

iv) Statement 1: Positive statement are verifiable for truth.

Statement 2: Normative statement lead to controversies and debates/

(a) Statement 1 is false and Statement 2 is true.

(b) Statement 1 is true and Statement 2 is false.

(c) Both Statements 1 and 2 are true.

(d) Both Statements 1 and 2 are false.

Q2. Answer the following questions:

i) Why do central problems arise?

ii) How are central problems solved in different economies?

iii) What is meant by production possibility curve? Illustrate with the help of a table and diagram.

Delhi English Academy
(CBSE Affiliated Senior Secondary School)
Holiday Homework Worksheet
Subject-Geography

Book 1: Fundamentals of Physical Geography

Chapter 1: Geography as a Discipline

Q1: What are the three questions geographers ask?

Q2: Why is geography called an integrating discipline?

Chapter 2: The Origin and Evolution of the Earth

Q1: What is the most widely accepted theory of the origin of the universe?

Q2: What is accretion?

Book 2: India - Physical Environment

Chapter 1: India: Location

Q1: What is the latitudinal and longitudinal extent of India?

Q2: Name the two southernmost neighbors of India. .

Chapter 2: Structure and Physiography

Q1: Name the three main parallel ranges of the Himalayas.

Q2: What is the "Bhabar" plain?

Q3: Name the two types of the Indian desert.

Delhi English Academy
(CBSE Affiliated Senior Secondary School)
Holiday Homework Worksheet
Subject-Political Science

A. Fill in the blanks:

1. The Constitution of India came into force on _____.
2. Dr. B.R. Ambedkar is known as the Chairman of the _____ Committee.
3. Right to Equality is given under Articles _____ to _____.
4. Fundamental Rights are given in Part _____ of the Constitution.
5. India follows the _____ system of elections.
6. The minimum voting age in India is _____ years.

B. Short Questions

1. What is Universal Adult Franchise?
2. Why is Right to Constitutional Remedies important?
3. Why do we need a Constitution?

C. Long Questions

1. Write any three Fundamental Rights in details.
2. Describe the election process in India.

D. Draw the symbols of any five political parties of India.

Delhi English Academy
(CBSE Affiliated Senior Secondary School)
Holiday Homework Worksheet
Subject-History

1. What is the meaning of the word Mesopotamia”?
2. When and where did archaeological work begin in Mesopotamia?
3. Why were temples built in early Mesopotamia?
4. What is Cuneiform?
5. What were the main causes of early urbanization?

Delhi English Academy
(CBSE Affiliated Senior Secondary School)
Holiday Homework Worksheet
Subject-Computer Science

1. What is the function of memory? What are its measuring units?
2. What is the difference between RAM and ROM?
3. What is the role of CPU of a mobile system?
4. What are various categories of software?
5. What is need for secondary memory?
6. How do different components of the computer communicate with each other?
7. Name the software required to make a computer functional. Write down its two primary services.
8. What is cache memory? How is it useful?
9. What is the importance of an OS?
10. Convert the following decimal number to binary:
 - i) 13
 - ii) 106
 - iii) 3.25
11. Convert 36748 to binary.

Delhi English Academy
(CBSE Affiliated Senior Secondary School)
Holiday Homework Worksheet
Subject-Physical Education

Q1 What do you mean by physical education?

Q2 What are the changing trends in physical education?

Q3 Name any four career options in physical education. Explain any one.

Q4 What is the meaning of Olympics?

Q5 What are Olympic values?

Q6 Explain the role of physical education in modern lifestyle.

Q7 What is the difference between Ancient and Modern Olympics?

Q8 Write Role of IOC.

Q9 Explain the objectives of Olympic movement.

Q10 Mention any two myths related to physical education and sports.