



DELHI INTERNATIONAL SCHOOL EDGE
HOLIDAY HOMEWORK 2024 - 2025
CLASS XI B



Dear Students,

As the summer holidays approach, we hope you're looking forward to a well-deserved break filled with relaxation, fun, and plenty of sunshine! Before you dive into your vacation plans, we wanted to share some holiday homework to keep your minds engaged and active during the break.

Attached to this message, you'll find a set of assignments carefully crafted to reinforce and extend your learning beyond the classroom. These activities are designed to be enjoyable yet stimulating, offering you the opportunity to explore new ideas, develop your skills, and enrich your knowledge in various subjects.

While we encourage you to make the most of your time off, we also believe that learning is a lifelong journey that doesn't stop when the school bell rings. Whether you're travelling to exotic destinations, spending time with family and friends, or simply relaxing at home, we encourage you to find moments to engage with your holiday homework.

Remember, learning can take many forms, and the summer holidays present the perfect opportunity to discover new interests, pursue personal passions, and embark on exciting adventures. So, whether you're solving math puzzles, reading captivating stories, conducting science experiments, or exploring the wonders of nature, we encourage you to approach your holiday homework with enthusiasm and curiosity.

As you tackle each assignment, take pride in your efforts and celebrate your achievements, no matter how big or small. And if you have any questions or need assistance along the way, don't hesitate to reach out to us – we're here to support you every step of the journey.

Wishing you a summer filled with joy, laughter, and endless opportunities for growth and discovery. Have a fantastic break, and we look forward to hearing all about your adventures when you return!

Enjoy Your Summer Break! ♦♦♦♦

Warm regards,
Class Teacher

“There is no end to education. It is not that you read a book, pass an examination, and finish with education. The whole of life, from the moment you are born to the moment you die, is a process of learning.”

ENGLISH:

“Choose one of the topics listed below and create a project based on it.”

NOTE FOR STUDENTS ON WHAT TO WRITE IN THE PROJECT:

The Project will include the following sections:

- a) Acknowledgment
- b) Certificate
- c) Content :
 1. Introduction of what they are going to write about
 2. Procedure
 3. The output of the project: a story/ a report/ an interview/ a letter/ autobiography/travelogue/poetry/article etc.----- PASTE RELEVANT PICTURES
 4. Conclusion
 5. Bibliography

WORD LIMIT: 800-1000 words.

Material: FILE

Topic: The Laburnum Top

1. What is the central theme of "Laburnum Top"?
2. How does Ted Hughes use imagery to depict the laburnum tree?
3. Explore the significance of the laburnum tree in the poem. What does it symbolize?
4. Analyze the mood and tone of the poem. How does Hughes create these effects?
5. Discuss the structure of the poem. How does it contribute to the overall meaning?
6. What is the relationship between humans and nature in "Laburnum Top"?
7. How does the poet convey the passage of time in the poem?
8. Compare and contrast "Laburnum Top" with another poem that explores similar themes.
9. Discuss the use of language and poetic devices in the poem.
10. How does "Laburnum Top" reflect the Romantic tradition in literature?

Topic: Advertisement writing

1. What is the purpose of a classified advertisement?
2. What are the key components of a classified advertisement?
3. How do you effectively capture attention in a classified advertisement?
4. What are some common mistakes to avoid when writing classified advertisements?
5. How do you tailor a classified advertisement to a specific target audience?
6. What role does language and tone play in crafting a successful classified advertisement?
7. How do you ensure clarity and conciseness in a classified advertisement?
8. Can you provide examples of effective classified advertisements and analyze why they work well?
9. How do you measure the success of a classified advertisement?
10. What are some strategies for enhancing the visibility of a classified advertisement in print or online platforms?

TOPIC : POSTER DESIGNING

1. What is a POSTER ?
2. How have POSTERS originated?
3. What is the need/purpose of a POSTER?
4. What kinds of POSTERS do you know ?
5. How are POSTERS generated/DESIGNED to create awareness ?

6. Who are the people involved in a Poster ?
7. What is the format of a POSTER?
8. What are the types of POSTER in your syllabus ?
9. How do you write a POSTER ?
10. PASTE SOME PICTURES OF ATTRACTIVE POSTERS.
11. What are the important ingredients of a Poster.
12. Draw a Colorful layout of a Poster.

TOPIC: A PHOTOGRAPH

1. Write the poem in your file.
2. Write the summary of the poem.
3. Mention the poetic devices used in the poem by the poet. Mention them with examples from the poem.
4. Mention the rhyme scheme used by the poet in the poem.
5. Mention the PHASES OF LIFE suggested by the poet. Paste pics.
6. Write about the poet- SHIRLEY TOULSON – Her life, career, books/poems that she has written. 7. Paste pics in support of the poem.
8. What do you think is a Photograph? Why do we preserve photographs ?
9. Do photographs affect you? How?
10. What do you say about the poem ? Write your views about the poem.
11. Write some exclusive quotations on the topic ‘PHOTOGRAPHS’
12. Write a song or a poem in English which is dedicated to the topic ‘PHOTOGRAPH’.

TOPIC : DISCOVERING TUT THE SAGA CONTINUES

1. What message is conveyed through the lesson?
2. What do you think is the lesson all about?(Theme)
3. What does the title of the lesson suggest?
4. What are the main events in the lesson?
5. Describe in your own way the character sketch of King TUT.
6. Elaborate the lesson with suitable pictures.
7. What do you know about the pyramids and mummies of Egypt? Describe them.Paste some pictures.
8. What is CT Scan?What did it reveal about KING TUT.
9. Do you find the ending of the lesson appropriate. Yes/No. Give reasons in support of your answer.

TOPIC: THE SUMMER OF THE BEAUTIFUL WHITE HORSE

1. How does the story begin?
2. Who is MOURAD in the story?
3. What is the HALLMARK OF GAROGLANIAN TRIBE in the story?
4. What is the setting of the story?
5. What is the theme of the story ?
6. Do you think Mourad had stolen the horse?
7. Paste a map of Asia and Europe and Locate Armenia, Russia, Ukraine and Uzbekistan in it
8. What are the points to remember from the lesson?
9. What message does the story convey in the end?
10. Draw/Paste pictures based on the lesson.
11. Paste some pictures of Tribal people like Gurzars,Bhotias,Boxas and Rajis from Uttarakhand.

TOPIC: WE ARE NOT AFRAID TO DIE IF WE CAN ALL BE TOGETHER

1. Write ONE PAGE about the writer of the lesson .

2. What is the moral of the lesson?
3. Who are the important characters in the lesson
4. What are the issues that the lesson deals in?
5. Do you hold the view that the story is written in an excellent manner? Support your view by stating examples from the story. Paste some colourful pictures based on the lesson.
6. Describe the different parts of a ship? Draw a picture of a ship on sail.
7. What is the setting of the lesson?
8. What impression of the narrator do you form on reading the story?
9. State the different difficult terms used to describe the voyage.
10. Draw a map of the route undertaken by Captain James Cook and the narrator along with his family.

ACCOUNTANCY:

Project Work:

Presentation and Submission of Project Report

At the end of the summer break, each student will prepare and submit his/her project report. Following essentials are required to be fulfilled for its preparation and submission.

- ❖ The total length of the project will be of 25 to 30 pages.
- ❖ The project should be handwritten.
- ❖ The project should be presented in a neat folder.
- ❖ The project report should be developed in the following sequence
 - Cover page should include the title of the Project, student information, school and year.
 - List of contents.
 - Acknowledgments, **Certificate** and preface (acknowledging the institution, the places visited and the persons who have helped).
 - Introduction.
 - Topic with suitable heading.
 - Planning and activities done during the project, if any.
 - Observations and findings of the visit.
 - Conclusions (summarized suggestions or findings, future scope of study).
 - Photographs (if any).
 - Bibliography
 - Teacher's observation.
 - Signatures of the teachers.

WORD LIMIT : 800-1000 words.

Material : FILE

TOPIC: 1 Collection of source documents, preparation of vouchers, recording of transactions with the help of vouchers as discussed in Class.

TOPIC: 2 Basic Accounting Terms

TOPIC: 3 Introduction and History of Accounting.

Things to be kept in mind while preparing project:

1. Use light-colored one-side ruled pastel sheets.
2. Don't use red, black, and pink/orange/green pens for writing the project.
3. Printouts can be used ONLY for pasting of AUDIT REPORT.
4. Format of accounts should be clearly made.
5. While preparing pie charts use same color for same product in all pie charts, same to be done with graphs as well (don't use printouts for making pie charts/graphs)
6. Closing of accounts in the ledger and journal entries to be done neatly.

ECONOMICS (030):

I. PROJECT WORK

Presentation and Submission of Project File

At the end of the summer break, each student will submit his/her project file. Following essentials are required to be fulfilled for its preparation and submission.

- ❖ The total length of the project will be **25 to 30 pages**.
- ❖ The project should be **handwritten**.
- ❖ It should be an **independent**, self-directed piece of study.
- ❖ The project should be presented in a **folder covered with black color chart paper** with title of the project, pictures related to the same, school logo and name.
- ❖ The project report should be developed in the following **sequence**-
 - * Introduction page should include the student information and session.
 - * Acknowledgements and preface (acknowledging the institution, and the persons who have helped).
 - * Certificate
 - * List of contents/ Index
 - * Content
 - * Conclusions
 - * Bibliography

Marking Scheme:

File - 12 Marks, **Viva** - 8 Marks, **Total** - 20 Marks

TOPIC GIVEN

STUDENT NAME	TOPIC
Daksh	PPC & Effect on PPC due to various government policies
Tanmay	Effect on Equilibrium Prices in Local Market
Harshit	Demand
Mihul	Consumers Equilibrium
Manish	Collection of Data
Sameer	Presentation of Data

Mohit Supply

Kritika Forms of Market

Aasib	Effect of Price Change on a Substitute Good/ Effect of Price Change on a Complementary Good
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II. REVISE THE CHAPTERS DONE IN THE CLASS.

BUSINESS STUDIES (054):

I. PROJECT WORK

Presentation and Submission of Project File

At the end of the summer break, each student will submit his/her project file. Following essentials are required to be fulfilled for its preparation and submission.

- ❖ The total length of the project will be **25 to 30 pages**.
- ❖ The project should be **handwritten**.
- ❖ It should be an **independent**, self-directed piece of study.
- ❖ The project should be presented in a **folder covered with black color chart paper** with title of the project, pictures related to the same, school logo and name.
- ❖ The project report should be developed in the following **sequence**-
 - * Introduction page should include the student information and session.
 - * Acknowledgements and preface (acknowledging the institution, and the persons who have helped).
 - * Certificate
 - * List of contents/ Index
 - * Content
 - * Conclusions
 - * Bibliography

Marking Scheme:

File - 12 Marks, **Viva** - 8 Marks, **Total** - 20 Marks

TOPIC GIVEN

STUDENT NAME	TOPIC
Daksh	Visit to a Mall.
Tanmay	Forms of Business Organisation
Harshit	Social Responsibility
Mihul	Sources of Business Finance
Manish	Internal Trade
Sameer	Insurance
Mohit	E- Business
Kritika	Small Business
Aasib	Banking

II. REVISE THE CHAPTERS DONE IN THE CLASS.

MATHEMATICS: Worksheet

- If $P = \{1,3\}$, $Q = \{2,3,5\}$, find the number of relations from P to Q
- If $R = \{(x,y): x,y \in \mathbb{Z}, x^2 + y^2 = 64\}$, then,
Write R in roster form
- Which of the following relations are functions? Give reason.
 $R = \{(1,1), (2,2), (3,3), (4,4), (4,5)\}$
 $R = \{(2,1), (2,2), (2,3), (2,4)\}$
 $R = \{(1,2), (2,5), (3,8), (4,10), (5,12), (6,12)\}$
- If A and B are finite sets such that $n(A) = 5$ and $n(B) = 7$, then
find the number of functions from A to B.
- Find the domain of the real function, $f(x) = x^2 - 4$
- Find the domain of the function, $f(x) = x^2 + 2x + 3$
 $x^2 - 5x + 6$
- Find the range of the following functions. (Question- 8, 9)
- $f(x) = \frac{4 - x^2}{2}$
- $f(x) = x^2 + 2$
- Find the domain of the relation,
 $R = \{(x, y): x, y \in \mathbb{Z}, xy = 4\}$
- Let $A = \{1,2,3,4\}$, $B = \{1,4,9,16,25\}$ and R be a relation defined
from A to B as,
 $R = \{(x, y): x \in A, y \in B \text{ and } y = x^2\}$
(a) Depict this relation using arrow diagram.
(b) Find domain of R.
(c) Find range of R.
(d) Write co-domain of R.
- If $A = \{2,4,6,9\}$ $B = \{4,6,18,27,54\}$ and a relation R from A to B is defined by
- $R = \{(a,b): a \in A, b \in B, a \text{ is a factor of } b \text{ and } a < b\}$,
then find in Roster form. Also find its domain and range.
- Draw the graph of the Greatest Integer function
- If $A = \{1, 3, 5, 7, 11, 13, 15, 17\}$ $B = \{2, 4, 6, 8 \dots 18\}$ and \cup is universal set then find $A' \cup [(A \cup B) \cap B']$
- Let $A = \{1, 2, 4, 5\}$ $B = \{2, 3, 5, 6\}$ $C = \{4, 5, 6, 7\}$ Verify the following identity
 $A \cup (B \cap C) = (A \cup B) \cap (A \cup C)$
Which of the following are sets? Justify your answer.
- The collection of all the months of a year beginning with letter M
- The collection of difficult topics in Mathematics.
- Let $A = \{1, 3, 5, 7, 9\}$. Insert the appropriate symbol or in
blank spaces: –
(i) $2 \underline{\hspace{1cm}} A$ (ii) $\{3\} \underline{\hspace{1cm}} A$ (iii) $\{3, 5\} \underline{\hspace{1cm}} A$
- Write the set $A = \{x : x \text{ is an integer, } -1 < x < 4\}$ in roster form
- Write the set $B = \{3, 9, 27, 81\}$ in set-builder form.
- Which of the following are empty sets? Justify. (Question- 6, 7)

i. $A = \{x : x \in \mathbb{N} \text{ and } 3 < x < 4\}$

2

ii. $= \{x : x \in \mathbb{N} \text{ and } x^2 = x\}$

23. Which of the following sets are finite or infinite? Justify.

i. The set of all the points on the circumference of a circle.

ii. $B = \{x : x \in \mathbb{N} \text{ and } x \text{ is an even prime number}\}$

2

iii. Are sets $A = \{-2, 2\}$, $B = \{x : x \in \mathbb{Z}, x^2 - 4 = 0\}$ equal? Why?

Trigonometry

24. Write the radian measure of $5^\circ 37' 30''$.

11

25. Write the degree measure of radian.

16

26. What is the value of $\sin(-1125^\circ)$.

27. Find the length of an arc of a circle of radius 5cm subtending a central angle measuring 15° .

PHYSICAL EDUCATION:

Record practical file

- Sai Khelo India test
- body mass index (calculation of BMI)
- flamingo balance test
- coordination test
- partial curl-up
- push-ups for boys
- modified push-ups for girls
- 50m dash or 50m standing start
- 600m run/walk
- sit and reach for flexibility
- Harvard step test
- proficiency in games and sports (skill of anyone ioa recognised sports/ game of choice) ●
- five asanas for each lifestyle disease
- athletic track & field events