



GD GOENKA PUBLIC SCHOOL, JHAJJAR

HOLIDAY *engagement* **2025-26**

CLASS - XI



GD GOENKA PUBLIC SCHOOL, JHAJJAR
Contact No. - 7056627016,17,18
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From The Principal's Desk

Dear Parents,

Hearty Greetings!!

This letter is to inform you about the '**Holiday Engagement Work**' assigned to the child for the summer holidays.

We believe that continued learning and engagement during the holiday is beneficial for the child's academic development. The assigned tasks are designed to reinforce the concepts learned in the class and provide opportunities for creative exploration.

The work will be accessible on:

- **Edunext**
- **School Website**
- **Broadcast Groups**

We encourage you to support the child in completing this work. Please foster a learning environment at home. Avoid to put the pressure on the child.

If you have any questions or concern please don't hesitate to contact us at **info@gdgoenkajhajjar.com** and **7056627016, 17, 18**.

Wish you a happy and safe summer holidays.

Warm Regards

ANITA S RANA

(PRINCIPAL)

ENGLISH

Learning from unexpected places !

Insights can come from seemingly irrelevant sources, cross disciplinary connections, serendipitous encounters, and even seemingly unrelated experiences can trigger new perspectives and spark creative solutions.

Multitasking is the need of the hour!

This summer, the English assignment is interesting, challenging and designed to be useful too – the homework entails some literary and research ‘work outs’ for you.

We have provided an excellent Reading list for you too....so that you can curl up with a book and detox from the digital and screen distractions !!

GENERAL INSTRUCTIONS:

Make a neat and attractive research project on any ONE of the following:

1. Write a 2 page biography of a grandparent Give it a title ‘Portrait of my grandmother/ grandfather. You must include descriptions, pictures, an interview and anecdotes about your relationship. Take a small interview with 5 interesting questions and add it to the biography.
2. Make a 2 page pictorial display of Kailash Mansarovar! Also the Kailash Mansarovar ‘Yatra’. Include pictures, narrative descriptions and experiences of pilgrims and travellers. Do this task on 2 A4 sheets. Plan this as a collage or a travel diary.
3. Make a 2 page pictorial display on King Tutankhamun and the Valley of the Kings. Include pictures details, articles and information regarding the ancient Egyptian Civilization. Add interesting facts and myths regarding King Tut. Do this task on 2 A4 sheets. Your research can also be presented as a Treasure hunt or an Escape Room display.

Writing as a Power Tool !!

If you are fond of writing, you can choose this option. Writing is one of the most powerful modes of self expression and it is also an incredibly effective way to help you sort out your thoughts and feelings.

4. A great work of fiction can allow us to see the truths that may be hidden from us in real life. A good example of the ability of fiction to teach important truths is _____.

Complete the sentence with a fictional work from Literature, Films or television and write an essay demonstrating how that story taught an important truth.

Support your position with reasoning and examples taken from your reading, studies, experiences or observations. Word limit : 350 – 450 words.

Do this work in your notebook.

(we will select a few for the Yearbook)

CURATED COMPILATIONS FROM ENGLISH DEPARTMENT

Let us do away with monotony and explore the wonderful world of fiction. A great work of fiction can allow us to see the truths that may be hidden from us in real life.

- | | |
|--------------------------|---------------------|
| ● The Catcher in the Rye | J D Salinger |
| ● Lord of the Flies | William Golding |
| ● The Thorn Birds | Colleen Mc Cullough |
| ● Gone with the Wind | Margaret Mitchell |
| ● The Godfather | Mario Puzo |
| ● Kane and Abel | Jeffrey Archer |
| ● Siddhartha | Herman Hesse |
| ● The Kite Runner | Khaled Hosseini |

We should look for books that make us think harder, not easier. Personal growth is tucked away in the pages that question our world view !

- | | |
|-----------------------|-----------------|
| ● Think and Grow Rich | Napolean Hill |
| ● The Power of Now | Eckhart Tolle |
| ● Freakonomics | Steven D Levitt |
| ● Vagabonding | Rolf Potts |

CLASSIC FAVOURITES

TOP FIVE AMERICAN NOVELS

- | | |
|-------------------------|---------------------|
| ● Of Mice and Men | John Steinbeck |
| ● Moby Dick | Herman Melville |
| ● The Scarlet Letter | Nathaniel Hawthorne |
| ● The Great Gatsby | F Scott Fitzgerald |
| ● To Kill a Mockingbird | Harper Lee |

TOP FIVE BRITISH NOVELS

- | | |
|-------------------------|-----------------|
| ● Pride and Prejudice | Jane Austen |
| ● Wuthering Heights | Emily Bronte |
| ● Mayor of Casterbridge | Thomas Hardy |
| ● Oliver Twist | Charles Dickens |
| ● Mill on the Floss | George Elliot |

TOP FIVE BOOKS BY INDIAN AUTHORS

GD GOENKA PUBLIC SCHOOL, JHAJJAR

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- A Suitable Boy
- God of Small Things
- Train to Pakistan
- Difficult Daughters
- The Namesake

Vikram Seth
 Arundhati Roy
 Khushwant Singh
 Manju Kapoor
 Jhumpa Lahiri

TOP FIVE BOOKS SET IN INDIA

- The Far Pavilions
- The City of Djinns
- Shantaram
- The White Tiger
- City of Joy

M M Kaye
 William Darymple
 Gregory David Roberts
 Aravind Adiga
 Dominique Lapierre

TOP FIVE MOVIE/BOOK ADAPTATIONS

- The Godfather
- Forrest Gump
- The Shawshank Redemption
- Murder on the Orient Express
- The Notebook

Mario Puzo
 Winston Groom
 Stephen King
 Agatha Christie
 Nicholas Sparks

MATHEMATICS

1.

Find the value of

$$(i) \sin\left(\frac{25\pi}{3}\right) \quad (ii) \cos\left(\frac{41\pi}{4}\right) \quad (iii) \tan\left(\frac{-16\pi}{3}\right)$$
$$(iv) \cot\left(\frac{29\pi}{4}\right) \quad (v) \sec\left(-\frac{19\pi}{3}\right) \quad (vi) \operatorname{cosec}\left(-\frac{33\pi}{4}\right)$$

2.

Find the value of

$$(i) \sin(765^\circ) \quad (ii) \operatorname{cosec}(-1110^\circ) \quad (iii) \cot(-600^\circ)$$

3.

Prove that

$$(i) \tan^2 \frac{\pi}{3} + 2\cos^2 \frac{\pi}{4} + 3\sec^2 \frac{\pi}{6} + 4\cos^2 \frac{\pi}{2} = 8$$
$$(ii) \sin \frac{\pi}{6} \cos 0 + \sin \frac{\pi}{4} \cos \frac{\pi}{4} + \sin \frac{\pi}{3} \cos \frac{\pi}{6} = \frac{7}{4}$$
$$(iii) 4\sin \frac{\pi}{6} \sin^2 \frac{\pi}{3} + 3\cos \frac{\pi}{3} \tan \frac{\pi}{4} + \operatorname{cosec}^2 \frac{\pi}{2} = 4$$

4.

$$\text{Show that } \sin 105^\circ + \cos 105^\circ = \frac{1}{\sqrt{2}}.$$

5.

Prove that

$$(i) \cos\left(\frac{\pi}{3} + x\right) = \frac{1}{2}(\cos x - \sqrt{3} \sin x)$$
$$(ii) \sin\left(\frac{\pi}{4} + x\right) + \sin\left(\frac{\pi}{4} - x\right) = \sqrt{2} \cos x$$
$$(iii) \frac{1}{\sqrt{2}} \cos\left(\frac{\pi}{4} + x\right) = \frac{1}{2}(\cos x - \sin x)$$
$$(iv) \cos x + \cos\left(\frac{2\pi}{3} + x\right) + \cos\left(\frac{2\pi}{3} - x\right) = 0$$

6. **Prove the following**

7.
$$\frac{\tan 5\theta + \tan 3\theta}{\tan 5\theta - \tan 3\theta} = 4 \cos 2\theta \cdot \cos 4\theta .$$

8.
$$\frac{\cos x + \sin x}{\cos x - \sin x} - \frac{\cos x - \sin x}{\cos x + \sin x} = 2 \tan 2x .$$

9.
$$\frac{\cos 4x \sin 3x - \cos 2x \sin x}{\sin 4x \cdot \sin x + \cos 6x \cdot \cos x} = \tan 2x .$$

10.

$$\frac{1 + \sin \theta - \cos \theta}{1 + \sin \theta + \cos \theta} = \tan \frac{\theta}{2} .$$

11.

12. $\tan \alpha \cdot \tan(60^\circ - \alpha) \cdot \tan(60^\circ + \alpha) = \tan 3\alpha .$

13.
$$\sqrt{2 + \sqrt{2 + 2 \cos 4\theta}} = 2 \cos \theta .$$

14.
$$\frac{\cos x}{1 - \sin x} = \tan \left(\frac{\pi}{4} + \frac{x}{2} \right) .$$

$$\cos 10^\circ + \cos 110^\circ + \cos 130^\circ = 0 .$$

$$\frac{\sin(x+y) - 2 \sin x + \sin(x-y)}{\cos(x+y) - 2 \cos x + \cos(x-y)} = \tan x .$$

15.
$$\sin x + \sin 2x + \sin 4x + \sin 5x = 4 \cos \frac{x}{2} \cdot \cos \frac{3x}{2} \cdot \sin 3x .$$

16.
$$\frac{\sec 8\theta - 1}{\sec 4\theta - 1} = \frac{\tan 8\theta}{\tan 2\theta}$$

17.

Find the value of $\sqrt{3} \operatorname{cosec} 20^\circ \sec 20^\circ$

18.
$$\cos \frac{\pi}{5} \cdot \cos \frac{2\pi}{5} \cdot \cos \frac{4\pi}{5} \cdot \cos \frac{8\pi}{5} = \frac{1}{16} .$$

19.

$$\cos 20^\circ \cdot \cos 40^\circ \cdot \cos 80^\circ = \frac{1}{8} .$$

20. Evaluate:

$$\left(1 + \cos \frac{\pi}{8}\right) \left(1 + \cos \frac{3\pi}{8}\right) \left(1 + \cos \frac{5\pi}{8}\right) \left(1 + \cos \frac{7\pi}{8}\right)$$

21.

Prove that

(i)

$$4 \sin \alpha \cdot \sin \left(\alpha + \frac{\pi}{3}\right) \cdot \sin \left(\alpha + \frac{2\pi}{3}\right) = \sin 3\alpha.$$

(ii)

$$\text{Prove that } \tan 70^\circ = \tan 20^\circ + 2 \tan 50^\circ$$

(iii)

$$\text{Prove that } \tan 13x = \tan 4x + \tan 9x + \tan 4x \tan 9x \tan 13x.$$

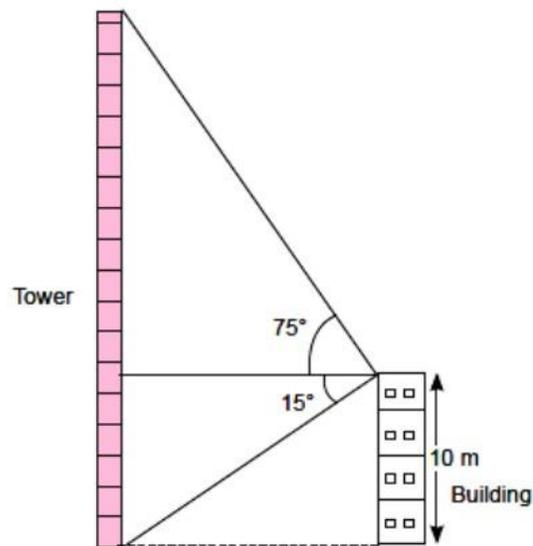
22.

If $\cos x = -\frac{1}{3}$ and x lies in Quadrant III, find the values of

$$(i) \sin \frac{x}{2}, \quad (ii) \cos \frac{x}{2}, \quad (iii) \tan \frac{x}{2}.$$

23.

From the top of a tower of 10 m high building the angle of elevation of top of a tower is 75° and the angle of depression of foot of the tower is 15° . If the tower and building are on the same horizontal surfaces.

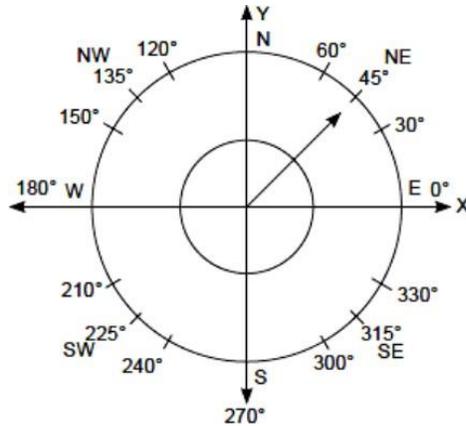


(i) Find the value of $\tan 15^\circ$.

(ii) Find the value of $\cos 75^\circ$

24.

The below figure shows the compass. The East direction is along the positive X-axis (0° angle) and North direction is along the +ve Y-axis (90° angles). Initially the pointer is pointed towards NorthEast direction. Pointer is deflected in a magnetic field by some angle.



On the basis of above answer the following.

- (i) If pointer move in anticlockwise direction by an angle of 90° , then find the value of sine of angle made by pointer from East direction. (1)
- (ii) If pointer moves an angle of 165° from its initial position in anticlockwise direction, then find the value of cosine of angle made by pointer from East direction. (1)
- (iii) If the sine and cosine of angle made by pointer with East direction is $-\frac{1}{\sqrt{2}}$ then find where the pointer pointed? (1)
- (iv) How much angle will pointer move in anticlock wise direction if tangent of angle made by pointer with x-axis is -1 ? (1)

Do first four activities in the Maths Lab File. Lab Activities are posted in NCERT.nic.in

***NOTE: Date of Submission: By the first week of July and will be marked as part of internal assessment.**

PHYSICS

Science is all around us, and making science projects is a great way to explore its wonders. From the intricate details of nature to the complexities of technology, science projects offer a chance to learn, create, and innovate. So, what will you create during these vacations? A working model, an exhibit, or something entirely new? The possibilities are endless!

INVESTIGATORY PROJECT

The objective of this engagement work is to apply theoretical concepts of physics to real-world problems or phenomena, demonstrating understanding and creativity. This is how you can plan:

1. Choose a topic related to physics, such as mechanics, thermodynamics, electromagnetism, or optics.
2. Conduct thorough research on the topic, gathering information from credible sources.
3. Create a project, model, or exhibit that demonstrates understanding of the topic.
4. Encourage innovative and creative approaches to presenting the topic.
5. Ensure that the project accurately represents scientific concepts and principles.

The project is to be submitted in following three formats:

1. Written Report: Include a written report explaining the topic, research, and project.
2. Visual Presentation: Create a visual presentation (poster, model, or exhibit) that showcases the project.
3. Oral Presentation: Prepare a short oral presentation (5-10 minutes) to explain the project.

SOME SUGGESTED TOPICS:

1. *Build a walking robot*
2. *Developing automatic doorbell with pizzo electricity*
3. *Power generation from footpath*
5. *Quantum computing -The next Tech Revolution.*
6. *Space Debris - Mitigation strategies*
7. *Climate Engineering -A solution or Threat*
8. *AI in War & Defence*
9. *The world of Nanotechnology*
10. *Eliminating single use plastics*
11. *Physics and Phonetics*
12. *Controlling microplastics*
13. *Semiconductor empire*
14. *Science of zodiacs*

CHEMISTRY

1. GENERAL INSTRUCTIONS:

Students are required to submit holiday homework in the form of Project file / elaborated case study on any relevant topic of chemistry.

SOME SUGGESTED TOPICS:

- 1 Chemistry in everyday life: Sanitizers, disinfectants and Polymer PPE.
- 2 Chromatography as one of the techniques of separating coloured components.
- 3 Astrochemistry : Understanding the chemical cosmos.
- 4 CNG v/s Petrol and Diesel: The emissions and cleanliness match up.
5. DNA fingerprinting : Purpose ,procedure and its use.
- 6 Green chemistry as an alternative tool for reducing air pollution?
- 7 Preparing Aspirin (a pain killer) in the lab.

BIOLOGY

ll experiments to be written in the practical file.

1. Design a project in the form of a working model in a group of 4-5 students on any topic of science (of your choice). You may choose from the following

suggested topics:

- | | |
|---|---|
| 1. Build a walking robot | 8. AI in War & Defence |
| 2. Developing automatic doorbell with pizzo electricity | 9. Cancer and its effects on the body. |
| 3. Power generation from footpath | 10. Neurotransmitters. |
| 5. Quantum computing -The next Tech Revolution. | 11. Biofuels and its effects on Nature. |
| 6. Space Debris - Mitigation strategies | 12. Controlling microplastics |
| 7. Climate Engineering -A solution or Threat | 13. Semiconductor empire |
| | 14. Science of zodiacs |
| | 15. Inside a black hole |

INSTRUCTIONS:

1. You will be required to submit a chart (with well labelled diagrams) and a **handwritten project report** based on the working model.
2. You will be required to present this project with your team members in the class.
3. This will be marked for your Internal Assessment based on the following parameters:

- a) Content
- b) Originality
- c) Presentation
- d) Creativity
- e) Punctuality

Date Of Submission: 1st week of July 2025.

HISTORY

1. You studied in detail about the civilisation of Mesopotamia in the theme- 'Writing and city life'. Research about the contributions of any other ancient civilisation and write a detailed essay based on it. Word limit-approximately 350 words. Please use pictures/ maps with your essay.

Or

How far were the women independent in the Roman world? Critically examine the position of women in Roman society. Word limit-approximately 350 words. Please use pictures/ maps with your essay.

2. Write a travelogue about your visit to a historical place anywhere in the world. Describe the history and key features of the site or monument, as well as your personal experiences during the visit. Support your travelogue with relevant pictures and maps.

CBSE PROJECT

Complete your CBSE Project on any one of the themes chosen by you, in a folder or file. The theme must be pre-approved by your teacher. Supplement it with relevant pictures, maps and statistical data, wherever possible.

Suggested topics:-

1. Temples in Mesopotamia
2. Women **or** Slaves in Roman society
3. Contributions of Roman **or** Mesopotamian Civilization
4. Knights/Church / Serfs in feudal Europe
5. Reformation **or** Renaissance Movement in Europe
6. Aborigines in Australia
7. Inca / Maya /Aztec civilisation
8. Genghis Khan-Hero or Villain
9. Natives in America
10. Rise of Communism in China
11. Hiroshima and Nagasaki
12. Samurais in Japan

Final Draft of the CBSE Project to be submitted by 15th July '25.

POLITICAL SCIENCE

I-Do research work during the holidays for any one topic related to your syllabus. **Certain** topics with guidelines are given below. You can choose any other topic from Book1 or Book2.This research will be for your project work.

Part A: Indian Constitution at Work

1. Constitution

Constitution: Why and How, The Making of the Constitution, Fundamental Rights and Duties, Directive Principles of State Policy, Constitutional Amendments.

2. Election and Representation

Elections and Democracy, Election System in India, Electoral Reforms.

3. Legislature

Why do we need a Parliament? Unicameral / Bicameral Legislature. Functions and Power of the Parliament, Parliamentary Committees. Parliamentary Officials: Speaker, Deputy Speaker, Parliamentary Secretary.

4. Executive

What is an Executive? Different Types of Executive. Parliamentary Executive in India, Prime Minister and Council of Ministers. Permanent Executive: Bureaucracy.

5. Judiciary

Why do we need an Independent Judiciary? Structure of the Judiciary, Judicial Review, Judicial Activism, Judicial Overreach.

Part B: Political Theory

6. Political Theory: An Introduction

What is Politics? Politics V/s Political Theory, Importance of Political Theory.

7. Liberty

Liberty V.s Freedom, Negative and Positive Liberty, The Harm Principle

8.Equality
What is Equality? Significance of Equality. Various dimensions of Equality. How can we promote Equality?

9. Justice

What is Justice? Different dimensions of Justice, Distributive Justice, Rawls Theory of Justice.

10. Rights

What are Rights? Where do Rights come from? Legal Rights and the State. Kinds of Rights. Human Rights.

II- ACTIVITY

YOU ARE THE JUDGE!

You have received a postcard from Hadibandhu, who identifies himself as ‘member of dalit community’ in Puri district in Orissa. Men from this community refused to follow a custom that required them to wash the feet of the groom and guests of the ‘upper caste’ during marriage ceremonies. In revenge, four women from this community were beaten up. The postcard writer says “Our children are educated and they are not willing to do the customary job of washing the feet of upper caste men, clear the left-overs after the marriage feast and wash the utensils.

Assuming that the facts given above are correct, you have to decide: Does this involve violation of Fundamental Rights?

What would you order the government to do in this case? Please do this activity in your register.

ECONOMICS

Please follow the guidelines enlisted below for the project work which you have to do for the holiday engagement. Do carry out research, read extensively, explore and think ‘out of the box’ to make your project unique and more meaningful.

Date of Submission: 7th July 2025

Guidelines for Project Work :

1. Make a Project file on any one of the following topics:
 - Employment: Growth, Informalisation and other issues
 - Human Capital Formation
2. Project must be of 40-45 pages
3. It should include relevant diagrams & graphs
4. It should be handwritten.
5. It should be an independent, self-directed piece of study.

BUSINESS STUDIES

Guidelines for Project Work :

Topic for the project :

Project 1- Innovations in the world of business

OR

Project 2- Comprehensive Report on Working and CSR initiatives of five business organizations

Date of Submission: 7 July, 2025

Scope of the project:

Project 1- Innovations in the world of business

Project on any **10 major innovations/ events / happenings/ changes** in the business world, in the last **one to three years**, related to the field of finance, banking, trade, production, skill upgradation, hospitality, technology and infrastructure development (Emphasis upon the innovations used commercially in order to enhance the earnings of business).

OR

Project 2- Comprehensive Report on Working and CSR initiatives of five business organizations

Pick up **ONE** business enterprise from **EACH** of the following forms of the Business Organizations; namely

- 1) Sole Proprietorship
- 2) Joint Hindu Family
- 3) Partnership
- 4) Cooperative Society
- 5) Joint Stock Company

Prepare a comprehensive report on the background, current status and future prospects of each of these enterprises. Also add the CSR initiatives carried out by these business organizations, in detail.

The expectations of the project work are :

1. Project should be of 40-45 pages
2. It should be handwritten.
3. It should be a well researched piece of study.
4. The practical file should include:
 - Content/Index
 - Acknowledgement Certificate
 - Introduction
 - Details of the topic
5. Students should add their own key learning in conclusion.

ACCOUNTANCY

Complete the Assignments uploaded on Google Classroom for the following chapters and revise them thoroughly:

Ch-1- Introduction to Accounting

Ch-2- Basic Accounting Terms

Ch-3- Theory Base of Accounting, Accounting Standards and Indian Accounting Standards (Ind-AS)

Ch-4- Bases of Accounting

Ch-5- Accounting Equation

Ch-6 - Rules of Debit and credit

Ch-8- Journal

PROJECT WORK -

- Comprehensive project of any sole proprietorship business - Till Preparation of Journal
- The project should be handwritten, neatly presented in a **Display File** and it should include the following as per the guidelines issued by CBSE: Content/Index
Acknowledgement
Certificate
Case Problem
Journal

(The detailed guidelines for project work are uploaded on GCR)

Art Integration Activity- Make a flash card on any 1 Accounting Term w.r.t Ch-2 Basic Accounting Terms

Date of Submission: 7th July 2025

COMPUTER SCIENCE

Research on the any one of the topics and create a web page or a presentation or a quiz using Google Form with 15 questions :

- Digital Footprints, Digital Society and Netizen
- Data Protection, Malware
- Cyber Crime, Cyber safety, Information Technology Act (IT Act)
- E-waste management, Technology and society

(Suggested software - Adobe Express, Canva, Google Slides, Google Forms)

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PAINTING (049)

Theory : *Research work on prehistoric rock painting and art of Indus valley civilization.*

1. *Write an essay on prehistoric rock paintings.*
2. *Give the brief description on the 'Art of Indus Valley Civilization'.*
3. *Explain the following artwork :*
 - *Dancing Girl*
 - *Male Torso*
 - *Mother Goddess*
 - *Bull*
 - *Painted earthenware*

Practical :

1. *One canvas painting size 30"×30" or 30"x40" can use the style of your favorite artist.*
2. *Five paintings on the theme of 'Nature, Still life, Figurative compositions and Landscapes' Size should be half imperial.*

GENERAL INSTRUCTIONS:

- *Write the answers of the following questions in your notebook.*
- *The name of the work should be Holidays Engagement_2024-25*
- *Complete all the questions.*
- *Choose any medium for practicals.*

PHYSICAL EDUCATION

PROJECT WORK - 1

Prepare the project on any one game of your choice out of Athletics, Basketball, Football, Kabaddi, Kho-Kho, Volleyball, Handball, Hockey, Cricket.

The project has to be written based on following guidelines:-

- History of the game
- Draw the diagram of court/field of related game
- Specifications of the playfield and sports equipment
- Latest general rules of the game
- Fundamental skills of the game
- Terminology
- Important tournaments of related game

PROJECT WORK - 2

Prepare a project on 10 Yogic Asanas that help in preventing lifestyle diseases.

HINDI

परियोजना कार्य	कुल अंक 10
विषय वस्तु	5 अंक
भाषा एवं प्रस्तुति	3 अंक
शोध एवं मौलिकता	2 अंक

परियोजना कार्य

हिन्दी भाषा और साहित्य से जुड़े विविध विषयों/ विधाओं / साहित्यकारों / समकालीन लेखन / साहित्यिक वादों / भाषा के तकनीकी पक्ष / प्रभाव / अनुप्रयोग / साहित्य के सामाजिक संदर्भों एवं जीवन मूल्य संबंधी प्रभावों आदि पर परियोजना कार्य पूर्ण करना चाहिए।

‘परियोजना’ शब्द योजना में ‘परि’ उपसर्ग लगने से बना है। ‘परि’ का अर्थ है ‘पूर्णता’ अर्थात् ऐसी योजना जो अपने आप में पूर्ण हो परियोजना कहलाती है। किसी विशेष लक्ष्य की प्राप्ति हेतु जो योजना बनाई और कार्यान्वित की जाती है, उसे परियोजना कहते हैं। यह किसी समस्या के निदान या किसी विषय के तथ्यों को प्रकाशित करने के लिए तैयार की गई एक पूर्ण विचार योजना होती है।

राष्ट्रीय पाठ्यचर्चा की रूपरेखा, राष्ट्रीय शिक्षा नीति 2020 तथा केन्द्रीय माध्यमिक शिक्षा बोर्ड द्वारा समय-समय पर अनुभवात्मक अधिगम, आनंदपूर्ण अधिगम की बात कही गई है। उच्चतर माध्यमिक स्तर पर शिक्षार्थियों के लिए हिंदी का अध्ययन एक सृजनात्मक, साहित्यिक, सांस्कृतिक और विभिन्न प्रयुक्तियों की भाषा के रूप में प्रयोग करने और करवाने के लिए परियोजना कार्य अत्यंत महत्वपूर्ण व लाभदायक सिद्ध होता है।

परियोजना का महत्व

व्यक्तिगत स्तर पर खोज, कार्यवाही और ग्यारहवीं - बारहवीं कक्षा के दौरान □ अर्जित ज्ञान और कौशल, विचारों आदि पर चिंतन का उपयोग ।

- सैद्धांतिक निर्माणों और तर्कों का उपयोग करके वास्तविक दुनिया के परिदृश्यों का विश्लेषण और मूल्यांकन
- एक स्वतंत्र और विस्तारित कार्य का निर्माण करने के लिए महत्वपूर्ण और रचनात्मक चिंतन, कौशल और क्षमताओं के अनुप्रयोग का प्रदर्शन
- उन विषयों पर कार्य करने का अवसर जिनमें शिक्षार्थियों की रुचि है।
- नए ज्ञान की ओर अग्रसर
- खोजी प्रवृत्ति में वृद्धि
- भाषा ज्ञान समृद्ध एवं व्यावहारिक
- समस्या समाधान की क्षमता का विकास

परियोजना कार्य निर्धारित करते समय ध्यान देने योग्य बातें

- परियोजना कार्य शिक्षार्थियों में योग्यता आधारित क्षमता को ध्यान में रखकर दिए जाएँ जिससे वे विषय के साथ जुड़ते हुए उसके व्यावहारिक पक्ष को समझ सकें। वर्तमान समय में उसकी प्रासंगिकता पर भी ध्यान दिया जाए।
- सत्र के प्रारम्भ में ही शिक्षार्थियों को विषय चुनने का अवसर मिले ताकि उसे शोध, तैयारी और लेखन के लिए

पर्याप्त समय मिल सके।

□ अध्यापिका / अध्यापक द्वारा कक्षा में परियोजना कार्य को लेकर विस्तारपूर्वक चर्चा की जाए जिससे शिक्षार्थी उसके अर्थ, महत्व व प्रक्रिया को भली-भाँति समझने में सक्षम हो सकें।

• हिंदी भाषा और साहित्य से जुड़े विविध विषयों/ विधाओं/ साहित्यकारों / समकालीन लेखन/ भाषा के तकनीकी पक्ष/ प्रभाव/ अनुप्रयोग / साहित्य के सामाजिक संदर्भों एवं जीवन-मूल्य संबंधी प्रभावों आदि पर परियोजना कार्य दिए जाने चाहिए।

□ शिक्षार्थी को उसकी रुचि के अनुसार विषय का चयन करने के छूट दी जानी चाहिए तथा अध्यापक/ अध्यापिका को मार्गदर्शक के रूप में उसकी सहायता करनी चाहिए।

□ परियोजना कार्य करते समय निम्नलिखित आधार को अपनाया जा सकता है-

1. प्रमाण पत्र
2. आभार ज्ञापन
3. विषय-सूची
4. उद्देश्य
5. समस्या का बयान
6. परिकल्पना
7. प्रक्रिया (साक्ष्य संग्रह, साक्ष्य का विश्लेषण)
8. प्रस्तुतीकरण (विषय का विस्तार)
9. अध्ययन का परिणाम
10. अध्ययन की सीमाएँ
11. स्रोत
12. अध्यापक टिप्पणी

□ परियोजना - कार्य में शोध के दौरान सम्मिलित किए गए चित्रों और संदर्भों के विषय में उचित जानकारी दी जानी चाहिए। उनके स्रोत को अवश्य अंकित करना चाहिए।

□ चित्र, रेखाचित्र, विज्ञापन, ग्राफ, विषय से संबंधित आँकड़े, विषय से संबंधित समाचार की कतरनें एकत्रित की जानी चाहिए।

□ प्रमाणस्वरूप सम्मिलित किए गए आँकड़े, चित्र, विज्ञापन आदि के स्रोत अंकित करने के साथ-साथ समाचार-पत्र, पत्रिकाओं के नाम एवं दिनांक भी लिखना चाहिए।

□ साहित्यकोश, संदर्भ-ग्रंथ, शब्दकोश की सहायता लेनी चाहिए।

• परियोजना-कार्य में शिक्षार्थियों के लिए अनेक संभावनाएँ हैं। उनके व्यक्तिगत विचार तथा उनकी कल्पना के विस्तृत संसार को अवश्य सम्मिलित किया जाए।

परियोजना - कार्य के कुछ विषय सुझावात्मक रूप में दिए जा रहे हैं।

भाषा और साहित्य से जुड़े विविध विषयों/ विधाओं/ साहित्यकारों/ समकालीन लेखन के आधार पर

> हिंदी कविता में प्रकृति चित्रण (पाठ - उषा / बगुलों के पंख कविता)

> विभिन्न कवियों की कविताओं का तुलनात्मक अध्ययन, भाषा शैली, विशेषताएँ

> वर्तमान के साथ प्रासंगिकता इत्यादि।

> भारतीय ग्रामीण का जीवन (पाठ पहलवान की ढोलक)

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- > आज़ादी से पहले, बाद में तथा वर्तमान में स्थिति
- > सुधार की आवश्यकताएँ
- > आपकी भूमिका / योगदान / सुझाव
- > समकालीन, सांस्कृतिक एवं साहित्यिक विषयों से संबंधित
- > भूमिका क्या है, क्यों है आदि का विवरण
- > विभिन्न देशों में प्रभाव
- > भारत के साथ तुलनात्मक अध्ययन
- > कारण और निवारण
- > आपकी भूमिका / योगदान / सुझाव

उपर्युक्त विषय सुझाव के रूप में प्रस्तुत किए गए हैं। आप दिशानिर्देशों के आधार पर अन्य विषयों का चयन कर सकते हैं।