



# BIRLA PUBLIC SCHOOL GANGANAGAR

## SUMMER BREAK HOLIDAY HOMEWORK



CBSE AFFILIATION  
NO. 1730974

Session: 2025-26

Class: XII



*“An upcoming vacation gives us something to eagerly anticipate.”*

*As the much-awaited summer break is at our doorsteps, hope you have planned to spend time with family, explore new ideas, add value to your household and community. While every child deserves their time to relax and recover from the stresses of school, it is also important not to let grains of time pass aimlessly. To keep your brain occupied your teachers have created a homework pack incorporating activities that will help stretch your imagination, unravel creativity, and crystalize learnt concepts.*

### General Instructions:

Welcome to your English holiday homework plan! This plan is designed to keep you engaged and learning during the break while exploring various aspects of English literature and language. Here are the instructions and guidelines for completing your holidays homework:

- Review the weekly tasks and instructions provided. Make what is expected of you for each assignment.
- Keep track of deadlines, materials needed for each task, and any additional resources provided. Organization will help you manage your time effectively and produce high-quality work.
- Approach each task with enthusiasm and creativity. Take the opportunity to explore new ideas, express yourself through writing, and analyze literature from different perspectives.
- If you have any questions or need clarification on any aspect of the homework plan, don't hesitate to reach out to your teacher or classmates for assistance.

- Take time to reflect on your progress and the skills you've developed throughout the holiday homework period. Consider what you've learned and how you can apply it in the future.
- Ensure that your final presentation is well-organized, clear, and reflects the effort you've put into each task. Pay attention to details such as spelling, grammar, and presentation format.
- Importantly, enjoy the process of learning and exploring new topics in English literature and language. Use this opportunity to deepen your understanding and appreciation of the subject.

## **Section A: Letter & Notice Writing**

### **Formal Letter Writing Topics**

*Write any one formal letter in about 150–200 words. Use proper format and tone.*

1. Write a letter to the editor of a local newspaper, expressing your concern about the increasing air pollution in your city. Suggest measures the government should take to reduce pollution and improve air quality for the health and safety of residents.
2. Write a letter to the librarian of your school requesting an extension of the library hours. Explain why the current timing is inconvenient for students who need more time to study or complete assignments.
3. Write a letter to your school principal requesting permission for an educational trip to a nearby museum or historical site. Explain the educational value of the trip and how it aligns with the curriculum.
4. Write a letter to the transportation department of your city complaining about the inadequate public transport services. Provide specific examples, such as delayed buses or overcrowded trains, and suggest improvements to enhance the service.
5. Write a letter to a company where you recently purchased an electronic device, explaining that the product is defective. Provide details about the defect, mention the warranty, and request a refund or a replacement.

**Subject: English**

### **Notice Making Topics**

*Write notices of 50 words each. Be formal and to the point.*

1. Prepare a notice to the school community about a new initiative to promote sustainability and green practices. The notice should include information about upcoming activities such as tree plantation drives, recycling programs, and how students can contribute to making the school more eco-friendly. Encourage participation and suggest ways everyone can reduce their carbon footprint.
2. Draft a notice announcing the launch of a student-run initiative aimed at raising awareness about mental health in the school. This should include details of workshops, expert talks, and student-led campaigns to reduce stigma surrounding mental health issues. Encourage students to attend and take part in the discussions and events.
3. Write a notice informing the school about an upcoming emergency preparedness drill, where students will practice responding to natural disasters, fire evacuations, and other emergency situations. The notice should explain why such drills are necessary, outline the steps to follow during an emergency, and highlight safety measures the school is taking to ensure the well-being of all students and staff.
4. Prepare a notice about a digital literacy program that will be introduced at the school, aiming to equip students with necessary skills such as coding, online communication, and

cybersecurity. The program should be in response to the growing need for digital competencies in modern job markets. Include registration details, the program schedule, and highlight the importance of adapting to the digital world.

5. Write a notice informing the students about an upcoming International Cultural Exchange Program where students from your school will collaborate with students from different countries. The focus will be on discussing and understanding global issues like climate change, cultural diversity, and social justice. Encourage students to apply and mention how they can contribute to meaningful discussions and cultural exchanges.

### Creative & Art-Integrated Activities: Assam Theme

Prepare creative project to integrate art and culture into your learning. You may use handmade drawings, printed pictures, or digital tools:

#### **Week 1: Genre Exploration**

##### **Day 1: Discover a Genre**

Task: Choose a literary genre you've never explored before.

Clue:

- **If you enjoy adventures, consider diving into magical realism, where the ordinary meets the fantastical in everyday life.**
- **Explore options:** Research different literary genres to find one you've never explored.
- **Learn about the genre:** Read about the origins and key characteristics of the genre.
- **Choose a book:** Select a book that is often cited as a defining example of the genre.
- **Start reading:** Begin reading the chosen book to familiarize yourself with the genre's style and themes.
- **Reflect:** Consider how the setting, characters, and plot elements contribute to the genre's unique characteristics.
- **Explore further:** Look for other books, movies, or works of art within the genre to deepen your understanding.
- **Share insights:** Discuss your discoveries with classmates, friends, or family members who share your interest in literature.

##### **Day 2: Research**

Task: Research the origins and key characteristics of this genre.

Clue:

- **Look up the first major work published in this genre; what historical or social conditions influenced its development.**
- **Select a topic:** Choose a subject or area of interest to research.
- **Gather information:** Use reliable sources such as books, articles, and websites to gather information about your topic.
- **Take notes:** Take detailed notes on key points, facts, and findings related to your research.
- **Organize your findings:** Arrange your notes in a logical order to help you understand and analyze the information.
- **Analyze the data:** Review and analyze the data you've collected to draw conclusions and identify trends or patterns.
- **Draw conclusions:** Use your analysis to draw conclusions and form opinions about your topic.
- **Cite your sources:** Be sure to cite the sources you used in your research to give credit to the original authors and avoid plagiarism.

##### **Day 3: Reading Day**

Task: Start reading a seminal text from this genre.

Clue:

- **Find a book that is often cited as a defining example of the genre – perhaps it won a significant literary award.**
- **Choose a book:** Select a book that is considered a defining example of the genre you're exploring.
- **Start reading:** Begin reading the chosen book to immerse yourself in the genre's style and themes.
- **Take notes:** Make note of interesting quotes, characters, and plot developments as you read.
- **Reflect:** Pause periodically to reflect on how the book aligns with the characteristics of the genre.
- **Analyze:** Consider the author's writing style, character development, and thematic elements as you progress through the book.
- **Discuss:** Share your thoughts and impressions with classmates, friends, or family members who may have read the book or are interested in the genre.
- **Enjoy:** Allow yourself to enjoy the reading experience and be open to discovering new aspects of the genre through the book.

#### Day 4: Reflective Journal

Task: Write a reflective journal about your first impressions of the genre.

Clue:

- **Consider how the setting impacts the narrative. Does it alter your perception of the possible?**
- **Select pivotal moments:** Choose three significant events or experiences from your life.
- **Reflect on emotions:** Explore the feelings you experienced during each moment.
- **Consider lessons learned:** Think about the insights gained from each experience.
- **Reflect on personal growth:** Consider how each moment contributed to your development.
- **Write journal entries:** Record your thoughts and feelings for each moment.
- **Use prompts:** Use prompts to guide your reflection if needed.
- **Create a safe space:** Find a quiet place to reflect and write privately.

#### Day 5: Creative Conversion

Task: Convert a scene from your chosen text into a different genre.

Clue:

- **Imagine a key romantic scene written as a horror sequence. How would the descriptions and characters' reactions change?**
- **Select a scene:** Choose a scene from the book you're reading or a story you've recently enjoyed.
- **Choose a different genre:** Select a genre different from the original scene's genre.
- **Imagine the scene:** Picture how the scene would unfold in the new genre.
- **Adjust elements:** Modify the setting, characters, and plot elements to fit the new genre.
- **Write or visualize:** Write a short narrative or visualize the scene in your mind.
- **Consider impact:** Reflect on how the scene changes in the new genre and the impact it has on the story.
- **Share:** Share your creative conversion with others and discuss how the genre change alters the scene's interpretation.

#### Day 6: Weekend Project: Create a Mini-Documentary

Task: Create a mini-documentary about the genre using your findings and thoughts.

Clue:

- **Use examples of critical scenes to highlight how the genre's unique characteristics manifest. Consider including expert opinions or critical essays.**
- **Choose a topic:** Select a topic that interests you and that you'd like to explore further.
- **Plan your documentary:** Outline the key points you want to cover and decide on the structure of your documentary.
- **Gather materials:** Collect footage, interviews, images, and other resources related to your topic.
- **Film or create visuals:** Capture video footage or create visuals that illustrate your topic and support your narrative.
- **Edit your footage:** Use video editing software to compile and edit your footage into a cohesive documentary.
- **Add narration or interviews:** Record narration or include interviews with experts or people relevant to your topic.
- **Review and finalize:** Review your documentary and make any necessary edits or adjustments to ensure clarity and coherence.
- **Share your documentary:** Share your mini-documentary with friends, family, or classmates, and invite them to provide feedback.

### Week 3: My Story Begins

#### Day 1-2: Autobiographical Timeline

Task: Create a visual timeline of significant events in your life, from childhood to the present day.

Instructions:

- **Use photographs, drawings, or symbols to represent key milestones, memories, and turning points.**
- **Gather materials:** Collect photos, drawings, or symbols representing significant life events.
- **Choose key events:** Reflect on important milestones and experiences from childhood to the present.
- **Create the timeline:** Draw a horizontal line representing your life span, and mark events chronologically.
- **Add events:** Place photos or symbols along the timeline, with brief descriptions.
- **Reflect:** Consider the emotions and lessons associated with each event.
- **Personalize:** Add creative touches to make the timeline your own.
- **Display and share:** Showcase your timeline and invite others to explore your life story.

#### Day 3-4: Reflective Journaling

Task: Write reflective journal entries about three pivotal moments in your life.

Instructions:

- **Choose three pivotal moments:** Select significant events from your life.
- **Reflect on emotions:** Explore the feelings you experienced during each moment.
- **Consider lessons learned:** Think about the insights gained from each experience.
- **Reflect on personal growth:** Consider how each moment contributed to your development.
- **Write journal entries:** Record your thoughts and feelings for each moment.
- **Use prompts:** Use prompts to guide your reflection if needed.
- **Create a safe space:** Find a quiet place to reflect and write privately.

### Day 5-6: Family Oral History Project

Task: Interview a family member about their life experiences and personal stories.

#### Instructions:

- **Record the interview and transcribe key excerpts. Reflect on how their narratives contribute to your understanding of family history and heritage.**
- **Choose a family member:** Select someone to interview about their life experiences.
- **Prepare questions:** Create a list of questions covering their childhood, significant events, and memories.
- **Schedule and record:** Set a time for the interview and record it using a device.
- **Transcribe:** Write down key points and memorable quotes from the interview.
- **Reflect:** Consider the significance of the stories shared.
- **Share:** Share the oral history with family members.
- **Express gratitude:** Thank the family member for sharing the stories.

### Day 7- 8: Creative Writing: Ancestral Tales

Task: Write a short story or poem inspired by your family's cultural heritage or ancestral roots.

#### Instructions:

- **Draw upon family folklore, traditions, or migration narratives to create a fictionalized account that celebrates your cultural identity.**
- **Draw inspiration:** Reflect on your family's cultural heritage and ancestral roots.
- **Choose a theme:** Select a theme or aspect of your family history to explore in your story.
- **Create characters:** Develop characters inspired by your ancestors or family traditions.
- **Craft your story:** Write a short story or poem based on your chosen theme and characters.
- **Incorporate cultural elements:** Include cultural motifs, traditions, or values in your narrative.
- **Explore emotions:** Reflect on the emotions and experiences of your characters.
- **Edit and revise:** Review your writing and make any necessary edits or revisions.
- **Share your story:** Share your ancestral tale with family members or friends.

## Week 5: Literary Exploration

### Day 1-2: Creative Activity

- Create a 'Character Scrapbook' for one of the main characters in the novel or play you choose.
- Gather images, quotes, and descriptions that represent the character's personality, motivations and relationships.

#### Instructions:

- ✓ Use scrapbooking materials or digital tools to design an aesthetically pleasing layout.
- ✓ Write brief annotations explaining why each item was chosen and its significance to the character.

### Day 3-4: Interactive Task

- Host a 'Literary Tea Party' inspired by scenes or themes from the book.
- Decorate your space with props and decorations that reflect the setting or atmosphere of the story.
- Click photographs and paste them in your scrap-book.

#### Instructions:

- ✓ Prepare snacks and beverages that relate to the characters or events in the book (eg. Serving Southern-style treats for 'To kill a Mockingbird')

- ✓ Discuss key moments in the story while enjoying your tea party, sharing insights and interpretations with family or friends.

#### Day 5-7: Creative Writing Prompt

- Write a series of 'Found Poems' using passages or dialogues from the novel or play.
- Select excerpts that resonate with you or capture important themes, emotions, or imagery.

#### Instructions:

- ✓ Rearrange the selected text to create new poems, experimenting with line breaks, punctuation, and rhythm.
- ✓ Reflect on how the process of found poetry deepens your understanding of the text and its literary elements.

## POLITICAL SCIENCE

### A. PROJECT WORK

**Objective:** - To enable the students to know about the inventions of new concepts in world politics and the constitution of India.

- To develop 21st century managerial skills of coordination, self-direction and time management.
- To understand contemporary political issues in context to our past.
- To develop a global perspective and an international outlook.

**Research Activity:** - Research and collect the information on recent revolution of political ideas in the world and India, in the following areas. - Comparison between NITI Aayog and Planning Commission and their contribution in India's Development.

**Assignment:** - Project Work

#### Project Ideas

- . Partition of India-Theory behind it and its legacy
- . Election 2019- Rise of BJP and Downfall of Congress (1989-2019).
- . Emergency - A blot on Indian Democracy
- . NDA III and NDA IV - Social and Economic welfare programmes
- Relevance of the United Nations in a Unipolar World.
- Understanding Resource Geopolitics and Environment degradation
- India's external relations -Critical analysis of the foreign policy of India especially with its immediate neighbours (Pakistan, China, Sri Lanka, Nepal, Myanmar)

- Project on the role played by the regional aspirations in backing the secessionist and insurgency (PUNJAB, J&K, MANIPUR, ASSAM, NAGALAND) movement in India
- India's response to ASEAN & EU as a dialogue partner.

(ANY TOPIC OF YOUR CHOICE RELATED TO CHAPTERS GIVEN BELOW)

#### **GUIDELINES FOR THE PROJECTS:**

It must be emphasized that the process of doing the project is as important as the final project. Once the project/projects are chosen, there should be a process of brainstorming to make out a draft/structure for the project before embarking on research.

Internet sites could be referred, but care must be taken in selecting, using and citing these sites.

Avoid plagiarism

#### **Instructions:**

1. The holiday assignment should be handwritten.
2. Use of pictures, illustrations etc is essential.

The following aspects should be taken into account while preparing your project work:-

1. The project should not be for more than 25 to 30 A4 sized pages and should include the following:-

- Cover Page
- Certificate Page
- Acknowledgment
- Index/ Content
- Introduction
- Sub-Topics according to index
- Bibliography

2. The Project should be kept in a folder and brought to class after summer break for submission.

All the students should individually prepare this project for submission.

3. Also read the chapters of Political Science thoroughly and prepare at least 10 questions from each chapter in a holiday homework notebook. The projects must be neat and well-presented and must be completely hand-written.

4. No whiteners to be used or written matter to be crossed out. In case of any mistakes, redo the sheet.

5. Colour illustrations, maps, charts may be hand drawn or printed (if it is relevant for any aspect of your project) are welcome to make them look attractive.

#### **Presentation:**

1. In the form of art form like cartoons, caricatures, posters....digital prints or sheets
2. Spontaneous speeches can also be a part of presentation. Panel discussion by students can also be presented. Role play, songs, enactment, PPT, video.....

#### **Details of Project Work**

1. The project can be individual / pair / group of 4-5 each. The Project can be made on the topics given in the syllabus of a particular class.
2. The suggestive list of activities for project work is as follows: - Role Play, Skit, Presentation, Model, Field Survey, Mock Drills/Mock Event Mine craft etc. Steps involved in the conduct of the project: Students may work upon the following lines as a suggested flow chart:

#### **Expected Checklist for the Project Work:**

- Introduction of topic/title
- Identifying the causes, events, consequences and/or remedies
- Various stakeholders and effect on each of them
- Advantages and disadvantages of situations or issues identified
- Short-term and long-term implications of strategies suggested during research
- Validity, reliability, appropriateness, and relevance of data used for research work and for presentation in the project file
- Presentation and writing that is succinct and coherent in project file

A. Prepare a Worksheet with at least 10 questions from each topic from the chapters mentioned.

B. The worksheet should include 5 question @ 1 marks, 5 questions @ 2 marks, 2 questions @ 5 marks. (ROLL. NO. wise)

C. Please submit as a blank worksheet and also with answers.

(GROUP).	(CHAPTERS FROM WHICH TOPIC CAN BE SELECTED)
· R.NO. 1-2 (Group 1)	Challenges of nation building
· R.NO. 3-4. (Group 2)	Era of one-party dominance
· R.NO. 5-6 (Group 3)	Politics of planned development
· R.NO. 7-8 (Group 4)	India's external relations
· R.NO. 9 (Group 5)	The crisis of democratic order

C. Inculcate habit of reading newspaper and collect the relevant article associated with the content and place it alongside the chapter for reference while working on the chapter.

D. Compile psephology reports with regard to general election 2024.

## **HISTORY**

### **PROJECT WORK MM - 20**

#### **INTRODUCTION**

History is one of the most important disciplines in school education. It is the study of the past, which helps us to understand our present and shape our future. It promotes the acquisition and understanding of historical knowledge in breadth and in depth across cultures.

The course of history in senior secondary classes is to enable students to know that history is a critical discipline, a process of enquiry, a way of knowing about the past rather than just a collection of facts. The syllabus helps them to understand the process, through which a historian collects, chooses, scrutinizes and assembles different types of evidence to write history.

The syllabus in class-XI is organized around some major themes in world history. In class XII the focus shifts to a detailed study of some themes in ancient, medieval, and modern Indian history. CBSE has decided to introduce project work in history for classes XI and XII in 2013-14 as a part of regular studies in classroom, as project work gives students an opportunity to develop higher cognitive skills. It takes students to a life beyond text books and provides them a platform to refer

materials, gather information, analyse it further to obtain relevant information and decide what matter to keep and hence understand how history is constructed.

### **OBJECTIVES**

Project work will help students:

- To develop skill to gather data from a variety of sources, investigate diverse viewpoints and arrive at logical deductions.
- To develop skill to comprehend, analyse, interpret, evaluate historical evidence, and understand the limitation of historical evidence.
- To develop 21st century managerial skills of co-ordination, self-direction, and time management.
- To learn to work on diverse cultures, races, religions, and lifestyles.
- To learn through constructivism—a theory based on observation and scientific study.
- To inculcate a spirit of inquiry and research.
- To communicate data in the most appropriate form using a variety of techniques.
- To provide greater opportunity for interaction and exploration.
- To understand contemporary issues in context to our past.
- To develop a global perspective and an international outlook.
- To grow into caring, sensitive individuals capable of making informed, intelligent, and independent choices.
- To develop lasting interest in history discipline.

### **GUIDELINES TO TEACHERS**

This section provides some basic guidelines for the teachers to take up projects in History. It is very necessary to interact, support, guide, facilitate and encourage students while assigning projects to them.

- The teachers must ensure that the project work assigned to the students individually/ In-groups and discussed at different stages right from assigning topic, draft review to finalization.
- Students should be facilitated in terms of providing relevant materials, suggesting websites, obtaining of required permission for archives, historical sites, etc.
- The Project Work should be suitably spaced from April to November in classes XI and XII so that students can prepare for Final Examination.
- The teachers must ensure that the students submit original work.
- Project report should be Handwritten only. (Eco-friendly materials can be used by students)

The following steps are suggested:

1. Teacher should design and prepare a list of 15-20 projects and should give an option to a student to choose a project as per his/ her interest.
2. The project must be done individually/ In-groups.

3. The topic should be assigned after discussion with the students in the class to avoid repetition and should then be discussed at every stage of submission of the draft/final project work.
4. The teacher should play the role of a facilitator and should closely supervise the process of project completion, and should guide the children by providing necessary inputs, resources etc. to enrich the subject content.
5. The Project Work needs to enhance cognitive, affective, and psychomotor domains in the learners. It will include self-assessment and peer assessment, and progress of the child in project-based and inquiry-based learning. Art integrated Activities, experiments, models, quizzes, role plays, group work, portfolios, etc., along with teacher assessment. (NEP-2020) The Project work can culminate in the form of Power Point Presentation/Exhibition/Skit/albums/files/song and dance or culture show /story telling/debate/panel discussion, paper presentation and whichever is suitable to visually impaired candidates.
6. Students can use primary sources available in city archives, Primary sources can also include newspaper cuttings, photographs, film footage and recorded written/speeches. Secondary sources may also be used after proper authentication.
7. Evaluation will be done by external examiner appointed by the Board in class XII and internal in class XI.

#### A FEW SUGGESTIVE TOPICS FOR CLASS XII PROJECTS

1. The Indus Valley Civilization-Archaeological Excavations and New Perspectives
2. The History and Legacy of Mauryan Empire
3. "Mahabharat"- The Great Epic of India
4. The History and Culture of the Vedic period
5. Buddha Charita
6. A Comprehensive History of Jainism
7. Bhakti Movement- Multiple interpretations and commentaries.
8. "The Mystical Dimensions of Sufism
9. Global legacy of Gandhian ideas
10. The Architectural Culture of the Vijayanagar Empire
11. Life of women in the Mughal rural society
12. Comparative Analysis of the Land Revenue Systems introduced by the Britishers in India
13. The Revolt of 1857- Causes; Planning & Coordination; Leadership, Vision of Unity
14. The Philosophy of Guru Nanak Dev
15. The Vision of Kabir
16. An insight into the Indian Constitution
17. Comparative study of Stupas and Pillar edicts
18. Comparative study of Mughal and Vijayanagar architecture

(Projects are an imperative component in enhancing students learning with the related themes. In the research project, students can go beyond the textbook and explore the world of knowledge.)

They can conceptualize under the embedded themes. Forms of rubrics are a significant aspect and to be discussed in the classroom itself for clear understanding of concept & for assessment.)

- One Project to be done throughout the session, as per the existing scheme.

A. Steps involved in the conduct of the project:

Students may work upon the following lines as suggested:

1. Choose a Title/Topic
2. Need of the Study, Objective of the Study
3. Hypothesis
4. Content -Timeline, Maps, Mind maps, Pictures, etc. (Organization of Material/Data Present Material/Data)

5. Analysing the Material/Data for Conclusion

6. Draw the Relevant Conclusion

7. Bibliography

B. Expected Checklist for the Project Work:

1. Introduction of topic/ title

2. Identifying the causes, events, consequences and/or remedies

3. Various stakeholders and effect on each of them

4. Advantages and disadvantages of situations or issues identified

5. Short-term and long-term implications of strategies suggested during research

6. Validity, reliability, appropriateness, and relevance of data used for research work and for presentation in the project file

7. Presentation and writing that is succinct and coherent in project file

8. Citation of the materials referred to, in the file in footnotes, resources section, bibliography etc.

C. Assessment of Project Work:

1. Project Work has broadly the following phases: Synopsis/ Initiation, Data Collection, Data Analysis and Interpretation, Conclusion.

2. The aspects of the project work to be covered by students can be assessed during the academic year.

*"The key to success is effort. The bigger the goal, the greater the effort."*

## Computer Science

### SECTION A: Conceptual Understanding

**I. Answer the following in 100-150 words each:**

1. What is data communication? Describe its main components with real-life examples.
2. Differentiate between circuit switching and packet switching. Give examples of their applications.

**II. Multiple Choice Questions:**

1. ARPANET is known as:  
A) A type of modem  
B) A social media network  
C) The first packet-switching network  
D) An Internet browser
2. Which of the following is not a component of data communication?  
A) Sender  
B) Switch  
C) Message  
D) Protocol
3. Bandwidth is:  
A) A network protocol  
B) A communication device  
C) The capacity of communication media  
D) A type of topology
4. Which address is essential for identifying devices on a network?  
A) MAC address  
B) Subnet  
C) IP address  
D) Gateway
5. Which of these is a wired communication medium?  
A) Radio waves  
B) Twisted pair cable  
C) Infrared  
D) Wi-Fi
6. Which device amplifies signals to extend network distance?  
A) Switch  
B) Repeater  
C) Modem  
D) Router
7. What does a router do?  
A) Sends spam  
B) Transfers power  
C) Forwards data packets between networks  
D) Connects a mouse to a computer
8. What is the role of a gateway?  
A) Sends only emails  
B) Connects networks using different protocols  
C) Measures signal strength  
D) Transfers video content

### SECTION B: Practical Activity

#### **Poster or Infographic Design (ART INTEGRATION PROJECT)**

Design a digital or handmade poster or infographic on any one of the following themes:

- "Networking Then vs. Now: From ARPANET to Internet"
- "Know Your Network Devices: The Brains Behind Connectivity"
- "Wired or Wireless? Choosing the Right Transmission Media"

#### **General Instructions:**

- Use coloured visuals, neatly labelled diagrams, tables, or charts.
- Include real-life examples and key facts.
- Paste a coloured printout of the poster in your CS notebook or affix a neat handmade version.
- Be creative and informative. You may add QR codes, tips, or icons if required.

**ESTD. 2019**  
Subject-Psychology

#### **General Instructions:**

- Summer Break Holiday Homework is a part of internal assessment which carries marks.
- Maintain neatness and avoid spelling mistakes. Write in good handwriting.
- Complete the entire task with blue pen only.
- Use your own creativity to make it look attractive.

In the bright glow of summer, let us investigate the flow of the psyche.  
Pens poised, minds ignited, dissecting the wisdom of psychology.  
In the warmth and goodwill of the season, let us examine the frontier of the mind.  
Let's discover what psychology is capable of under the bright glow of the sun.  
"Remember, the goal of homework is not just to complete tasks,  
But to maintain and improve your skills and knowledge.  
Approach these assignments with a growth mindset and a positive attitude."

### ASSIGNMENT:

Q. Watch any 1 or 2 movies or read books (related to psychological disorders)

- \* Like- a beautiful mind (2001-paranoid schizophrenia)
- \* Good will hunting (1997-gifted/counseling/PTSD)
- \* Rain man (1988-autism), I am Sam (2001)
- \* As good as it gets (1997), the aviator (2004-OCD)
- \* The prince of tides', 'girl, Interrupted'(1999- substance abuse-BPD)
- \* Silver linings playbook (2012-bipolar disorders/depression)
- \* The breakfast club (1985-stereotypes), Three faces of eve, Etc.

Q. PRACTICAL FILE:

Complete writing the following Practical's in the practical file.

- Sinha's Comprehensive anxiety Test.
- Self Concept Questionnaire.

## MUSIC

This is regarding MUSIC Summer Break Homework of Class 12<sup>th</sup> A,B,C.

There are "**Three topics**" and 10 MCQs that students will do in Summer Vacation.

**(Homework should be done in Music Copy or Assignment file  
(your choice)**

Topic : 1. Musical Treatise

Write a detailed study of **any one** of the following **(search in Music research)**

- Sangeet Ratnakar (**1page**)(For eg. Type : *Sangeet Ratnakar in Music*)
- Sangeet Parijat(**1page**)

Topic : 2. Life Sketch and Contribution

Write a life sketch and musical contribution of **any one** of the following musicians in "**300 words**".  
**(search in Music research)**

- Inayat Khan (For eg. Type : *Inayat Khan in Music*)
- Mushtaq Ali Khan
- Alauddin Khan

Topic : 3. Talas Study

Write a detailed description of **any one** of the following talas:

- Jhaptala (Single, Double, Chaugun) **(Mark vibhag and sam clearly.)**
- Rupak (Single, Double, Chaugun) **(Mark vibhag and sam clearly.)**

## MCQ Creation Task and Instructions :

- After completing your homework, create **10 MCQ** (Multiple Choice Questions) based on the topics you selected.
- Each MCQ should have four options, and mark the correct answer clearly.
- Your MCQs must be different from other students (no copying).
- You may discuss with your music classmates to take a hint about which MCQs they are preparing, in order to avoid creating the same questions

## PAINTING

### INSTRUCTION

Use white paper and for medium you can choose colour according to your choice.

SUBJECT :- one landscape & one still life.

Reference: Impressionism paintings.

YOU CAN MAKE YOURS DRAWING FILE.

## Economics

### Class 12 Economics Worksheets

#### 1. Worksheet - Microeconomics Chapter 1: Introduction

##### A. Fill in the blanks:

1. Economics is the study of how \_\_\_\_\_ resources are allocated to satisfy \_\_\_\_\_ wants.
2. Marginal utility is the \_\_\_\_\_ change in total utility due to one additional unit consumed.

##### B. Very Short Answer:

1. Define opportunity cost.
2. What is meant by marginal rate of substitution?
3. State one assumption of the production possibility frontier.

##### C. Short Answer:

1. Distinguish between positive and normative economics.
2. Explain the concept of consumer equilibrium using indifference curve analysis.
3. What are the central problems of an economy?

#### 2. Worksheet - Macroeconomics Chapter 1: Introduction

##### A. Match the following:

**A**

**B**

GDP	Gross Domestic Product
National Income	Net National Product at FC
Inflation	Rise in general price level
Fiscal Deficit	Govt. Expenditure > Revenue

**B. Very Short Answer:**

1. Define macroeconomics.
2. What is the difference between stock and flow?
3. Give one example each of micro and macroeconomic variables.

**C. Short Answer:**

1. Distinguish between GDP and GNP.
2. Explain any two components of aggregate demand.
3. How is national income calculated by the income method?

**Class 12 CBSE Economics Project File (As per CBSE Guidelines)**

**Topics**

1. Micro and Small Scale Industries in India
2. Money and Banking in India
3. Employment Trends in Indian Economy
4. Demonetisation - A Step Toward Digital India
5. Impact of GST on Indian Economy
6. Economic Reforms Since 1991
7. Poverty and Human Development in India
8. Sustainable Economic Development
9. India's Foreign Trade
10. Inflation - Causes and Impact on Common People

**Project File Structure:**

1. **Cover Page** (Title, Name, Roll Number, Class, School, Academic Year)
2. **Acknowledgement**
3. **Certificate**
4. **Index**
5. **Introduction to Topic**
6. **Objectives of the Study**
7. **Methodology**
8. **Data Collection (Primary or Secondary)**
9. **Data Presentation (Graphs, Tables, Charts)**
10. **Analysis and Interpretation**
11. **Findings/Results**
12. **Conclusion**
13. **Bibliography**

# Sports

## Section A:

### Theory

#### Define the following terms:

- Physical Fitness
- Endurance
- Strength
- Flexibility
- Agility

#### Answer the following questions:

- What are the benefits of regular physical activity?
- List any 5 warm-up exercises and their importance.
- Write a short note on your favourite sport (origin, rules, equipment, famous players).
- What is the importance of team spirit in sports?
- Write any 5 health and hygiene tips for athletes.

## Section B:

### Practical / Physical Task

#### Maintain a Daily Fitness Log (at least 15 days):

- Record your daily fitness activities such as:
- Morning walk or jog (duration/time)
- Exercises (push-ups, skipping, yoga, etc.)
- Sports played (football, badminton, etc.)

#### Yoga Practice:

- Learn and practice any 3 yoga asanas, draw their diagrams, and write their benefits.

## Section C:

### Creative Task -Ground Making

#### Objective:

- Understand the layout and markings of different sports grounds and courts by creating a drawing or model.
- **Instructions:**

Choose any one sport from the list below and complete one of the following options:

#### **Sports Options:**

- Basketball
- Badminton

- **Volleyball**
- **Handball**
- **Football**

**Option A: Drawing on A4 Sheet**

- **Draw a neat top-view layout of the selected sport's ground or court.**
- **Use ruler and colour pencils for clean lines and labelling.**
- **Label all important parts: boundary lines, goal posts/nets, center lines, zones, etc.**
- **Paste the drawing in your home notebook.**



**ESTD. 2019**