



APS CLEMENT TOWN DEHRADUN

WINTER HOLIDAY HOMEWORK (2024-2025)

CLASS XI

ECONOMICS

1. Prepare project file in complete manner on the basis of the format given with all necessary requirements, properly covered.
2. Solve PT 3 question paper in your micro economics note book.
3. Prepare a PPT on the topic of project file.

ENGLISH

Guidelines for Group PPT Presentation:

1. Prepare a PowerPoint Presentation (PPT) with exactly 15 slides.
2. Each group will get 3 minutes to present their topic.

Divide responsibilities among group members for research, content, visuals, and presentation.

***Topics: ***

1. Travelogue: Share an account of a journey, highlighting places, experiences, and cultural insights.
2. Science Fiction: Create a futuristic or imaginative story exploring scientific concepts.
3. Autobiography : of Lake Mansarovar or Laburnum Tree: Present the story from the perspective of either, reflecting their significance and experiences.
4. Any Historical Character Comes Alive in the Present World: Imagine how a historical figure would adapt and react in today's world.
5. Adventure: Narrate an exciting or daring experience filled with challenges.
6. Family Bond: Explore the depth of familial relationships and their impact on life.
7. Generation Gap: Highlight differences and similarities between generations in terms of values, ideas, and perspectives.
8. Childhood Memories: Revisit and present a nostalgic or impactful childhood moment.

Rubrics for Marking (10 Marks Total):

- * Introduction (2Marks): Clarity, creativity, and engagement in introducing the topic.
- Development of Story (3 Marks): Logical flow, depth of content, and relevance to the topic.

Conclusion (2 Marks): Clear and impactful ending that summarizes the presentation effectively.

PPT (3 Marks): Visual appeal, coherence, appropriate use of slides, and alignment with content .

Teamwork makes dream work.

BUSINESS STUDIES

1. Complete your given Project and Models.
2. Do 5 MCQ from chapter 6-8 in your Note book.

ACCOUNTANCY

Prepare project based comprehensive problems as discussed in the class from recording to final accounts.

PHYSICAL EDUCATION

- 1. Solve 2nd pre board paper on your note book**
- 2. Discuss the personality classification given by Sheldon.**
- 3. what is the importance of Test, Measurement and Evaluation in Sports?**
- 4. Describe the types of joints**
- 5. Explain the circulatory system of human body.**
- 6. State the properties of muscles.**
- 7. Explain the function of Skeleton System**
- 8. Explain Barrow Fitness Test.**
- 9. Explain Harvard Step Test.**
- 10. Explain the Importance of Anatomy and Physiology**

PAINTING

- 1. Complete your Portfolio of 15 paintings.**
- 2. Size of sheet half of the chart paper.**
- 3. Complete your sessional work in Drawing file in the form of practice work.**
- 4. Prepare Flow charts for all the topics to be covered in Finals in your fair note book.**

MATHS

- 1 Preparation of activity file.**
- 2 Completion of Miscellaneous Exercises**

COMP SC

Complete Practical file.

INFORMATICS PRACS

1. Complete practical file.
2. Solve worksheet on SQL queries

<https://docs.google.com/document/d/13bWqG2tOe0zS6mP-ACaAykYnK9BtiN5OUvpngKDumM/edit?usp=drivesdk>

PSYCHOLOGY

3. Complete practical file.
4. Open the google sheet and Solve worksheet on Case based Questions-

https://docs.google.com/document/d/18e4xmYjZA9tjKUqpFo8RtTJ_rOOJJo_g/edit?usp=drive_link&oid=105841709758686280305&rtpof=true&sd=true

BIOLOGY

Guidelines for Group Activity:

1. Prepare a PowerPoint Presentation (PPT) with exactly 15 slides with voice over of maximum 20 minutes.

OR

2. Role play/skit . Each group will get 3 minutes to present their topic.(Recorded act will be submitted)

Divide responsibilities among group members for research, content, visuals, and presentation.

Students will upload the activity in the given link.

https://drive.google.com/drive/folders/1S8bSyDbxHuuT_UfR5jj1DZalVufH1XOT

***Topics: ***

- 1. Shreshtha Bharat: Share an account of a journey, highlighting places, literature, and medicinal achievements of ancient scientists.**
- 2. Science Fiction: Create a futuristic or imaginative story exploring scientific concepts.**
- 3. Autobiography : Indian Scientist:Present the story reflecting their contribution to make India pride.**
- 5. Motivation: Narrate an exciting story/documentry/PPT with voice over, filled with challenges and motivation to make our country the best. The topics are-**

Our changing Earth

Recreating interest in Basic Science

Nurture nature for our future

Science for Nation Building

Women in Science

Global Science for Global Wellbeing

Indigenous Technologies for Viksit Bharat

***Rubrics for activity* (10 Marks Total):**

***Timely submission (2 Marks): upload the content in the given link till 15 January 25)**

*** Introduction (1 Mark): Clarity, creativity, and engagement in introducing the topic.**

• Development of Story (3 Marks): Logical flow, depth of content, and relevance to the topic.

Conclusion (1Marks): Clear and impactful ending that summarizes the presentation effectively.

PPT (3 Marks): Visual appeal, coherence, appropriate use of slides, and alignment with content .

PHYSICS

1.Complete the worksheet given in the following link.

https://drive.google.com/file/d/1U_OJRdh9jfQNWz4_j3TJw

[SrPgaT7ewRm/view?usp=drivesdk](https://www.scribd.com/document/444444444/SrPgaT7ewRm/view?usp=drivesdk)

2.. Complete your practical file by writing all conducted experiments.

- a. Finding the radius of a cylinder using a Vernier Caliper
- b. Find out the radius of a wire by using a screw gauge
- c. Calculate the radius of a cylindrical watch glass by using the spherometer
- d. Calculate the coefficient of friction of a glass top surface by using the inclined plane experiment apparatus
- e. By using the hooks law operator find out the spring constant of a helical spring loaded by the mass

CHEMISTRY

1-Complete practical file.

2- preapre a project file on any one of the topic

• Checking the bacterial contamination in drinking water by testing sulphide ion

• Study of the methods of purification of water

• Testing the hardness, presence of Iron, Fluoride, Chloride, etc., depending upon the regional variation in drinking water and study of causes of presence of these ions above permissible limit (if any).

• Investigation of the foaming capacity of different washing soaps and the effect of addition of Sodium carbonate on it

• Study the acidity of different samples of tea leaves.

• Determiation of the rate of evaporation of different liquids Study the effect of acids and

bases on the tensile strength of fibers.

• Study of acidity of fruit and vegetable juices.

POL SC

Class 11 holiday homework 2024-2025

Subject - Political Science

A- Political Science project- prepare a project according to CBSE guidelines Some suggested topics are:

- 1. Making of the Constitution.**
- 2. Elections in India.**
- 3. Working of the Indian Judiciary System.**
- 4. Social Justice: Are ethics followed in Indian Politics**
- 5. Human Rights Act and its gratification in India.**
- 6. Political impact on Indian Legislation.**
- 7. Executiv**
- 8. Judiciary**
- 9 .Federalism**
- 10 .Local Governments**
- 11. Constitution as a Living Document**
- 10 The Philosophy of the Constitution**

General Instruction:

1. It should be a handwritten project on an A-4 size sheets.
2. It should be well researched and pictorial.
3. The project must have table of content.
4. It must include relevant information, facts and figures
5. It should cover following parameters (title/cover page/, acknowledgement/bibliography/headings/sub headings)

HINDI

-परियोजना कार्य करके लाना है |

- अभिव्यक्ति और माध्यम के प्रश्न उत्तर याद करके लाने हैं |

HISTORY

Holiday HW

1. **History** project- prepare a project according to CBSE guidelines as discussed in class on given topics
2. Complete question Answers of Chapter Path to Modernization

GEOGRAPHY

Learn all maps, from both the books

Complete practical files and learn for Practical Exams