



**BLM ACADEMY SR. SEC. SCHOOL, HALDWANI**  
**SUMMER HOLIDAY HOMEWORK**  
**SESSION 2024-25**  
**Class XII**

Dear Parents and Students,

As we embark on summer vacation, we wish you a season filled with joy, relaxation, and adventure. This break is a fantastic opportunity for students to recharge, spend quality time with loved ones, and explore their interests outside of school. It's also a great time to ensure learning never stops.

Students, we encourage you to read for pleasure, engage in creative activities, and perhaps learn something new. Remember to balance fun with a bit of learning to keep your minds sharp. Here are some tips:

1. Review your upcoming assignments and start your holiday homework with enthusiasm.
2. Develop a study routine with dedicated time each day for studying.

Parents, thank you for your continuous support throughout the school year. Your involvement has been crucial to your child's success. We hope you enjoy this break as much as your children do.

We're excited to see your child return refreshed and ready to tackle the rest of the term. Our teachers are dedicated to support their continued learning and growth. We welcome students back on Thursday, July 4, 2024.

Have a fantastic summer, and we look forward to seeing you all soon!

Warm regards,

Dr. Gayatri Kanwar

Principal



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**SCIENCE STREAM**

**ENGLISH: -**

***Prepare a Power Point Presentation /Documentary/Working Model on Sustainable Development as discussed in the poem 'Keeping Quiet' by Pablo Neruda.***

Example- Green wars, wars with gas, wars with fire, killing of whales for commercial purpose, over production. (*Select any of these topics for your project.*)

**PHYSICS:**

**1) *Prepare an Investigatory project from the Syllabus of Lab Manual. (For Board Examination)***

- a. Introduction
- b. Acknowledgement
- c. Certificate
- d. Index
- e. Content
- f. Conclusions

**2) *A working model as per your syllabus. (For Board Examination)***

## **CHEMISTRY:**

***Prepare an Investigatory project from the Syllabus of Lab Manual. (For Board Examination)***

All content has to be presented on A4 sheet coloured/white with information such as graphs, data and pictures.

1. Introduction
2. Acknowledgement
3. Certificate
4. Index
5. Content
6. Conclusions

## **MATHEMATICS:**

**PART A: Activity:** Using Matrices make a gender Profile of Puducherry, Uttarakhand and India also revise the content order, elements and addition of matrices taught by the subject teacher.

The following steps are included in this activity-

**STEP 1:** *Collect the Data of Puducherry, Uttarakhand and India* in a matrix of three rows on A4 Sheets for different heads like *Population, Urbanization, and Literacy, Education, Higher Education, Child Labour and Jobs* etc.

**STEP 2:** Describe the summarized *History, Geography and Economics of Uttarakhand and Puducherry* and compare or analyze the gender discrepancy in both the places in respect to India.

**STEP 3:** Finally conclude and suggest the preventive measures the government can take to improve upon from time to time maintain the work done by you as an Activity Submitting to CBSE for the Internal Assessment. *The weightage of the Internal Assessment is 20 Marks as per CBSE Guidelines 2024-25.*

## **PART: B**

All content has to be presented on A4 sheet coloured/white with information such as graphs, data and pictures.

Order of work should be

1. Introduction
2. Acknowledgement
3. Certificate
4. Index
5. Content
6. Conclusions
7. Bibliography

## **BIOLOGY:**

***Prepare a project on any one NCERT topic of XII Biology (Art Integrated Project).***

1. Reproductive Health
2. Human Health and Diseases
3. Drugs
4. Biotechnology: RDT
5. Application of RDT
6. Organism and Population
7. Microbe in Human Welfare
8. Sexual Reproduction in Flowering Plants
9. Human Reproduction
10. Mendelian Basis of Inheritance
11. Molecular Basis of Inheritance

### **ARTIFICIAL INTELLIGENCE:**

Design Thinking is the most critical and creative part of any AI based project.

Select one problem faced by the people of Puducherry. Apply DT framework to find the solution of the selected problem.

Use A4 sheets (white and coloured) to represent your idea. Include required documentation to make it informative.

### **COMPUTER SCIENCE:**

**Prepare a Program File:** Make 10 programs in Python.

**Refer to the CBSE Practical Guidelines 2024-25.**

### **PHYSICAL EDUCATION:**

1. Write any 5 Lifestyle Diseases to cure from Yog-asana.

(include procedure, benefits and contradictions.)

2. Define Physical Fitness Test: **Sai Khelo India Test, Brockport Physical Fitness Test (BPFT)** with Diagram.

The Project will only be handwritten.

- a. Introduction
- b. Main Contents (may include images also)
- c. Conclusion
- d. References

### **MUSIC VOCAL & INSTRUMENTAL:**

**Make a Project File according to the Practical Exam.**

The content to be included are as follows: -

- a. One Chhota khyal / Razakhani Gat in each and every raga.
- b. One Bada Khyal in each and every raga.
- c. One Dhamar in any one raga.
- d. One Tarana in any one raga.

### **PAINTING:**

**Theory:** Read '*The Mughal School of Arts*'

**Practical:** Composition in water colour

- a) Games and sports activities
- b) Nature
- c) Fantasy



### **PSYCHOLOGY:**

**1. Development of Case Profile (minimum 4 to 7 pages):**

Using appropriate methods like interview, observation & psychological tests.

**2. Test Administration (minimum 7 to 10 pages):**

Administer and interpret five psychological tests related to various psychological attributes Intelligence, Aptitude, Personality, Interest, Attitude etc.

### **YOGA:**

**Prepare a Project file.**

**The file should contain the following topics-**

1. Classification & role of Asanas in students' life.
2. Classification & role of Pranayama in students' life.
3. Shatkarma
4. Role of Shatkarma in yogic life.
5. Role of Yog in Students life.

(The summer holiday homework is also available on school website i.e. [www.blmacademy.com](http://www.blmacademy.com))



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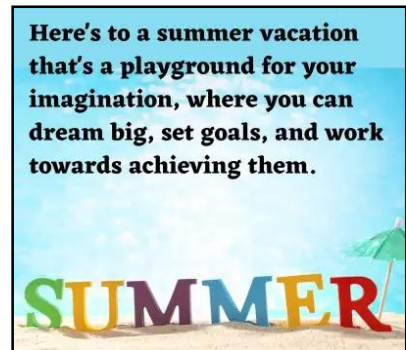
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**COMMERCE STREAM**

**ENGLISH: -**

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**ACCOUNTANCY**

1. Create a *PowerPoint Presentation on 'Accounting of Partnership Firms'*
2. Write a *RAP song on "Accounting treatment in case of Absence of Partnership Deed"*

**ECONOMICS:**

Prepare a *Project file on "Government Budget and its component"*

OR

*"Money and Banking"*

**BUSINESS STUDIES:** Record your own video explaining "*Fayol's 14 Principles of Management*" or "*Taylor's Principles of Scientific Management*."

*The project report/video will be developed in the following sequence:*

- The cover page/slide should the title, student information, school and year.
- List of contents.
- Acknowledgments and preface (acknowledging the institution, the newspapers read, T.V. channels viewed, places visited and persons who have helped).
- Introduction.
- Topic with a suitable heading.
- Planning and activities done during the project, if any.
- Observations and findings while conducting the project.
- Conclusions (summarized suggestions or findings, the future scope of study).

### **Artificial Intelligence:**

Design Thinking is the most critical and creative part of any AI based project.

Select one problem faced by the people of Puducherry. Apply DT framework to find the solution of the selected problem.

Use A4 sheets (white and coloured) to represent your idea. Include required documentation to make it informative.

### **COMPUTER SCIENCE:**

**Prepare a Program File:** Make 10 programs in Python.

**Refer to the CBSE Practical Guidelines 2024-25.**

### **PHYSICAL EDUCATION:**

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The Project will only be handwritten.

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### **PSYCHOLOGY:**

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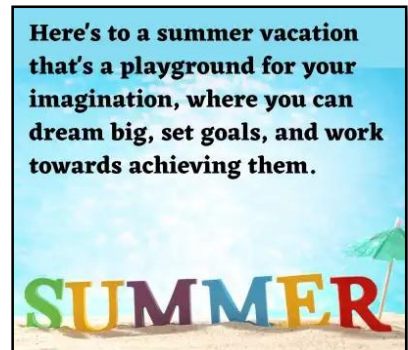
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**HUMANITIES STREAM**

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**HISTORY: - Prepare a Project on as per your Class XII Syllabus.**

The project file will contain minimum 20 pages.

**GUIDELINES FOR PROJECT WORK**

- Use primary sources available in city archives, newspaper cuttings, photographs, film footage and recorded written/speeches.
- Secondary sources may also be used after proper authentication.

**THE MARKS WILL BE ALLOCATED UNDER THE FOLLOWING HEADS:**

The marks will be allocated under the following heads:

S.NO	COMPONENTS	MARKS
1.	INTRODUCTION/OVERVIEW	2
2.	VARIETY OF CONTENTS	3
3.	PRESENTATION	3
4	CONCLUSION1	1
5	BIBLOGRAPHY	3
6	VIVA-VICE	10

**GEOGRAPHY: Prepare a Practical File as per your Class XII Syllabus.**

The project file will contain minimum 30 pages.

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6.	VIVA-VICE	10

**POLITICAL SCIENCE:**

*Prepare a Project on any one of the following topics:*

The project file will contain minimum 20 pages.

1. NAM- 1961 to present times.
2. Division of Germany with special focus on the construction and dismantling of the Berlin Wall.
3. CIS-Central Asian Republics
4. Disintegration of USSR with special focus on Gorbachev.
5. Arab Spring
6. Cover the negative as well as positive aspects of relationship between India and the following countries.
7. Focus on any one of the following (current updates should be highlighted):
  - a) Relationship between India and Russia
  - b) Relationship between India and China
  - c) Relationship between India and Pakistan
  - d) Relationship between India and Bangladesh
8. ASEAN
9. European Union and BREXIT
10. BRICS
11. SAARC
12. India's Nuclear Policy United Nations with focus on India's candidature in Security Council.



13. UN Agencies – UNICEF, UNESCO, WHO
14. Pandemics: Covid 19- Its global impact (focus on worldwide cooperation and preparedness along with controversies (please collect newspaper clippings for the same)
15. Partition of India-Theory behind it and its legacy
16. Comparison between NITI AAYOG and Planning Commission and their contribution in India's Development.
17. Election 2019- Rise of BJP and Downfall of Congress (1989-2019).
18. Emergency – A blot on Indian Democracy
19. 19.NDA III and NDA IV – Social and Economic welfare programmes

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