

Summer Vacation

**HOLIDAY
HOMEWORK**

(Session: 2024-25)

CLASS: XII





CBSE Affiliation No.
3430369

DELHI PUBLIC SCHOOL **CHAS, BOKARO**

SUMMER VACATION ACTIVITIES AND ASSIGNMENTS **(SESSION: 2024-25)**

PREFACE

Dear Parents & Students,

As we embark on the blissful journey of summer vacation, it is my pleasure to extend warm greetings to each one of you. The culmination of another academic year signifies not just a break from the routine, but an opportunity for growth, exploration, and rejuvenation.

Amid the leisure and relaxation that summer brings, we must continue to nurture our intellectual curiosity and passion for learning. To this end, we have designed the projects and assignments-an initiative designed to foster creativity, critical thinking, and self-discovery during this period of respite.

These assignments are not merely a task to be completed, but a pathway to enrichment and personal development. These projects will be assessed as Subject Enrichment Activity & Portfolio.

We encourage parents to be available to assist their wards if they encounter any difficulties and provide them with the necessary resources. Your support and encouragement will have a positive impact on your child's learning ability.

The assignment is to be done neatly with relevance to the questions asked and to be submitted to the subject teachers within three days of the reopening of the school i.e. 12th June to 15th June. **Late submission will invite negative markings. Deadlines must be met.**

Wishing you all a fulfilling and enriching summer vacation.

Warm regards,

Offg. Principal

1. COVER PAGE



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SUBJECT

CLASS – XII

(SESSION: 2024-25)

Submitted By:

Submitted To:

2. CERTIFICATE



CBSE Affiliation No.
3430369

DELHI PUBLIC SCHOOL
CHAS, BOKARO

CERTIFICATE

This is certify that the Project / Practical file / Report titled
_____ is submitted by _____
of class _____ to _____.

This project is considered a part of practical exam of **AISSCE**
2024-25 Subject _____ (Code ____) conducted by Central
Board of Secondary Education, is a bonafide record of Project
work carried out under our guidance and supervision at **Delhi**
Public School, Chas, Bokaro.

INTERNAL

EXTERNAL

OFFG. PRINCIPAL

3. ACKNOWLEDGEMENT



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CHAS, BOKARO

ACKNOWLEDGEMENT

I express my gratitude towards my guide Ms. / Mr.
_____ for his/her
extended guidance and support in completion of this
Project Report. I would like to thank Madam Principal, for
her great support and encouragement. Last but not the least
I thank my parents and God Almighty for their support and
blessings.

Student's Name : _____
Class and Section : _____
CBSE Roll Number : _____

4. INDEX

INDEX / CONTENTS

S. NO.	PARTICULARS	PAGE NO.	TEACHER'S SIGN

GENERAL INSTRUCTIONS:

- In general, all the questions are to be answered in the subject specific classwork notebook.
- Projects and activities are to be done as per the instructions given along with the questions. **Use of Red/Green pen is strictly prohibited.**
- Summer Vacation assignment will be the part of Internal Assessment.
- The content must be original and not plagiarised.
- Only hand written projects will be accepted.

English

ART INTEGRATED PROJECT:

Each and every country has had a unique cultural identity since ancient times, and it's art and culture have been influenced by many civilizations.

Prepare a project file according to your roll number, on the topic mentioned below. Graphics and pictures to be pasted or drawn and content of the project to be written in your own handwriting. You can take the reference of the textbook chapters.

Nepal: Food, tradition, dress, and people

XII A Roll No 1 to 5

XII B Roll No 1 to 4

XII C Roll No 1 to 3

Tibet: People and their Cultural Appropriation.

XII A Roll No 6 to 9

XII B Roll No 5 to 8

XII C Roll No 4 to 6

Sikkim: Biodiversity and the famous temples

XII A Roll No 10 to 15

XII B Roll No 9 to 11

XII C Roll No 7 to 9

Assam: The Tea Garden of India.

XII A Roll No 16 to 19

XII B Roll No 10 to 12

XII C Roll No 10 & 11

Karnataka: Famous temples and the rich culture

XII A Roll No 20 to 24

XII B Roll No 13 & 14

XII C Roll No 12 & 13

MULTIPLE DIVERSE PROJECT:

Make a project on “**Linguistic Chauvinism**” based on the chapter “**The Last Lesson**” by Alphonse Daudet, showing the importance of language for a country with reference to the chapter. Graphics and pictures to be pasted or drawn and content of the project to be written in your own handwriting.

Mathematics

Complete the Maths Lab Manual by writing all (10) given activity.

Instruction: Project file must contain all the relevant pages, like- Aim, Certificate, Acknowledgement, Content, Introduction, Photographs and Bibliography.

PHYSICS

Instruction: Prepare a record of the given assignments in two separate stick files.

1. Project: To study various factors on which the internal resistance/ EMF of a cell depends.

ACTIVITY – 1

- a) To measure the resistance and impedance of an inductor with or without iron core.

ACTIVITY – 2

- b) To identify a diode, an LED, a resistor, and a capacitor from a mixed collection of such items.

CHEMISTRY

Prepare project file on–

1. Study of the presence of oxalate ions in guava fruits at different stages of ripening.
2. Study of the effect of potassium bisulphate as food preservative under various conditions (temperature concentration, time etc.)

BIOLOGY

Prepare project file on–

1. Sexual reproduction in flowering plants.
2. Gametogenesis.

Economics

Prepare a Project Report by conducting survey and collect data by designing a questionnaire/Case study on any one of the following topics:

1. Amrit Kaal: Empowered and Inclusive Economy
2. Digital India- Step towards the future
3. Make in India – The way ahead
4. Role of RBI in Control of Credit

(Note:- Project no. 1 & 2 for students of odd roll numbers and Project no. 3 & 4 for students of even roll numbers)

Synopsis for the Project

1. **Cover Page** : Cover page is similar to the bound cover of a book(Thread file). It should be very attractive and should contain the name of the school, School mono, Session, Subject, Title, Name of the student (Submitted By),Name of the Teacher, (Submitted To) and then the reason “ in partial fulfilment of the course requirement of Project Work in Economics.”
2. **Certificate.**
3. **Acknowledgment.**
4. **Table of Contents/Index.**
5. **Main work:**
 - Justification of the title.
 - Objectives of the project/ Summary/Prologue.
 - Introduction/ Prologue

- Content: Meaning, Equation, Formulas, Derivations, Features, Pros and cons of the concept, Major criticism related to the topic (if any), Data chart, Diagrammatic and Tabular presentation, Newspaper cutting, Graphs, Pictures, photos, Numerical etc.
6. Company/ Product Profile (if any particular item or product is taken): Historical Background, Achievements, Company/ Product logo or pictures, Data Chart , Progress, Relationship of the product with the title.
 7. Students' own views/perception/ opinion and learning from the work.
 8. Application of the title.
 9. Conclusion/ Suggestions/Epilogue.
 10. Bibliography.

General Instructions

- Select the topic carefully as it is important to have through knowledge of the content so as to present you confidently in the VIVA.
- The project length should neither be too long nor too small. Generally, it should range between 50-60 pages.
- Matter should be written on one side of the paper and Diagrams /Flow charts/Schedule should be made the flip side only.
- Leave a margin of one inch on left side of the page or spiral binding.
- Project should be neat and systematically presented.
- Avoid excessive colouring and decorating the project.
- Use new ideas and creativity to make your project attractive.

Business Studies

Prepare a project on Principles of Management.

Introduction-Henry Fayol

- About Henry Fayol. (Life Sketch)
- About the organisation-for example–select any one
 1. A departmental store.
 2. An industrial unit.
 3. A fast-food outlet.

*Each principle to be explained in the following manner: (14 pages)

DIVISION OF WORK (for each principle, one page)content-

- Meaning.
- Application of the principle.
- Question asked.
- Observation.
- Conclusion
- Should include all the principles.
- Support with photograph on the A4 white sheet.

❖ Support with photographs sketches or drawings.

Accountancy

Solve all the question answers of chapters 1, 2 and 3 from previous five years **CBSE Board Questions** in a separate holiday assignment notebook.

Refer to attachment previous five-year **CBSE Board Question** for reference.

Computer Science

1. To prepare and deliver seminar or presentations on applications of Computer Science or recent advancements of computer science.
2. To make a short report on the topic of “Artificial Intelligence”.

Hindustani Vocal Music

(i) Write a short note on the following Topics:

- Alankar,
- Kan,
- Meend,
- Khatka,
- Murki,
- Gamak,

(ii) Give a brief introduction on the following taals.

- Taal - Rupak
- Taal – Jhaptaal
- Taal – Dhamar

Note – Demonstrate each taal with hand gestures and describe the practical approaches to play the taal in Tabla.

(iii) Brief introduction of the following Sangeet Ratnakar
(Describe all the important points of each Chapters)

Painting

Prepare a portfolio project in A3 size spiral binding art file on the following topics

- Still life/Object Drawing in pencil shading (4 Drawings)
- Draw Nature Study in pencil & acrylic and water colored (4 Drawings)
- Indian folk Art – Worli, Soharai, Madhubani & Gond Art (One from each).
(4 Drawings)
- Composition Drawing and Painting with human Figures on any four topics.
(4 Drawings)
 - I. Market Scene
 - II. Rainy Season
 - III. Any Social Event
 - IV. Any Game
 - V. Village Landscape/Cityscape

Physical Education

1. Enlist any five postural deformities and its causes. Explain how each deformity can be cured through 'yogasana'.
2. Prepare the Knock-out fixture for 26 teams in a football tournament.
3. Prepare a league fixture of 7 (seven) teams.
4. Write the various types of league fixture.



Summer Assignment {Accountancy}:

Chapter-1 [Fundamentals of Partnership Firm]

Q.No.	Questions	Marks
1	If partnership deed is silent or has not been formulated, then partners are entitled for (a) salary (b) commission (c) interest on loan (d) profit share in capital ratio	
2	In a partnership, manager's commission is shown in (a) profit and loss account (b) profit and loss appropriation account (c) balance sheet (d) None of the above	
3	A' and 'B' were partners in a firm. They share their profits in the ratio of 2 : 1. A' withdraws an amount of ₹ 2,000 on 1st July, 2017. Journalize it. (a) Profit and Loss Appropriation A/c Dr – 2,000 To A's Capital A/c – 2,000 (b) A's Capital A/c Dr – 2,000 To Profit and Loss A/c – 2,000 (c) A's Drawings A/c Dr – 2,000 To Cash/Bank A/c – 2,000 (d) A's Capital A/c Dr – 2,000 To A's Drawings A/c – 2,000	
4	Pass the journal entry to record salary of partner (a) Profit and Loss Appropriation A/c Dr To Partners' Capital A/c (b) Profit and Loss A/c Dr To Salary A/c (c) Partner's Capital A/c Dr To Salary A/c (d) Salary A/c Dr To Profit and Loss Appropriation A/c	
5	X' and Y are partners in a firm sharing profits in the ratio of 3 : 2. As per their agreement, "X' will receive 5% per annum interest on his loan of ₹ 1,00,000 and Y will receive 2% commission on sales affected by him, which were ₹ 1,00,000. Calculate X's share of profit when net profit as per profit and loss account is ₹ 1,00,000. (a) ₹ 58,800 (b) ₹ 58,000 (c) ₹ 60,000 (d) ₹ 48,200	
6	A' and 'B' are partners sharing profits in the ratio of 3 : 2. Calculate interest on A/s capital if profits for the year are ₹ 15,000 and interest on capital to all partners is ₹ 20,000 each. (a) ₹ 20,000 (b) ₹ 12,500 (c) ₹ (7,500)(loss) (d) ₹ 7,500	
7	Chhavi and Neha were partners in a firm sharing profits and losses equally. Chhavi withdrew a fixed amount at the beginning of each quarter. Interest on drawings is charged @ 6% p.a. At the end of the year, interest on Chhavi's drawings amounted to ₹ 900. Pass necessary journal entry for charging interest on drawings.	
8	On 1st April, 2013, Brij and Nandan entered into partnership to construct toilets in government girls schools in the remote areas of Uttarakhand. They contributed capitals of ₹ 10,00,000 and ₹ 15,00,000 respectively. Their profit sharing ratio was 2 : 3 and interest allowed on capital as provided in the partnership deed was 12% per annum. During the year ended 31st March, 2014, the firm earned a profit of ₹ 2,00,000.	

	Prepare profit and loss appropriation account of Brij and Nandan for the year ended 31st March, 2014	
9	Lalan and Balan were partners in a firm sharing profits in the ratio of 3 : 2. Their fixed capitals on 1st April, 2010 were Lalan ₹ 1,00,000 and Balan ₹ 2,00,000. They agreed to allow interest on capital @ 12% per annum and charge on drawings @ 15% per annum. The firm earned a profit, before all above adjustments, of ₹ 30,000 for the year ended 31st March, 2011. The drawings of Lalan and Balan during the year were ₹ 3,000 and ₹ 5,000 respectively. Showing your calculation clearly, prepare profit and loss appropriation account of Lalan and Balan. The interest on capital will be allowed even if the firm incurs loss.	
10	A and B are partners in a firm sharing profits in the ratio of 3 : 2. On 31st March, 2014, their capital balance shows A- ₹ 60,000 & B- ₹ 20,000. The profit of ₹ 80,000 for the year ended 31st March, 2014 was divided between the partners without allowing interest on capital @12% per annum and a salary to A at ₹ 1,000 per month. During the year A withdrew ₹ 10,000 and ₹ 20,000. Pass a single journal entry to rectify the error. [Ans- B's Capital debit and A's capital credit by Rs5280]	
11	Vikas and Vivek were partners in a firm sharing profits in the ratio of 3 : 2. On 1st April, 2014, they admitted Vandana as a new partner for 1/8th share in the profits with a guaranteed profit of ₹ 1,50,000. The new profit sharing ratio between Vivek and Vikas will remain the same but they decided to bear any deficiency on account of guarantee to Vandana in the ratio 2 : 3. The profit of the firm for the year ended 31st March, 2015 was ₹ 9,00,000. Prepare profit and loss appropriation account of Vikas, Vivek and Vandana for the year ended 31st March, 2015. [Ans- 4,50,000, 3,00,000, 1,50,000]	
12	A, B and C were partners. Their capitals were ₹ 30,000, ₹ 20,000 and ₹ 10,000 respectively. According to the partnership deed, they were entitled to interest on capital @ 5% per annum. In addition, B was also entitled to draw a salary of ₹ 500 per month. C was entitled to a commission of 5% on the profits after charging the interest on capitals but before charging the salary payable to B. The net profits for the year were ₹ 30,000 distributed in the ratio of their capitals without providing for any of the above adjustments. The profits were to be shared in the ratio of 2 : 2 : 1. Pass the necessary adjustment entry showing the working clearly. [Ans- A debited by 5640 & B & C is credited by 4860 & 780]	
13	Moli, Bhola and Raj were partners in a firm sharing profits and losses in the ratio of 3 : 3 : 4. Their partnership deed provided for the following. (i) Interest on capital @ 5% per annum. (ii) Interest on drawing @ 12% per annum. (iii) Interest on partners' loan @ 6% per annum. (iv) Moli was allowed an annual salary of ₹ 4,000, Bhola was allowed a commission of 10% of net profit as shown by profit and loss account and Raj was guaranteed a profit of ₹ 1,50,000 after making all the adjustments as provided in the partnership agreement. Their fixed capitals were Moli ₹ 5,00,000; Bhola ₹ 8,00,000 and Raj ₹ 4,00,000. On 1st April, 2016 Bhola extended a loan of ₹ 1,00,000 to the firm. The net profit of the firm for the year ended 31st March, 2017 before interest on Bhola's loan was ₹ 3,06,000. Prepare profit and loss appropriation account of Moli, Bhola and Raj for the year ended 31st March, 2017 and their current accounts assuming that Bhola withdrew ₹ 5,000 at the end of each month, Moli withdrew ₹ 10,000 at the end of each quarter and Raj withdrew ₹ 40,000 at the end of each half year. [Ans- Profit- Rs 1,88,500, Capital Balance of Moli – 13,550(Dr), Bhola- Rs 45,950, Raj- 87,600]	
14	Ali, Bimal and Deepak are partners in a firm. On 1st April, 2011 their capital accounts stood at ₹ 4,00,000, ₹ 3,00,000 and ₹ 2,00,000 respectively. They shared profits and losses in the ratio of 5 : 3 : 2 respectively. Partners are entitled to interest on capital @ 10% per annum and salary to Bimal and Deepak @ ₹ 2,000 per month and ₹ 3,000 per quarter respectively as per the provisions of the partnership deed. Bimal's share of profit (excluding interest on capital but including salary) is guaranteed at a minimum of ₹ 50,000 per annum. Any deficiency arising on that account shall be met by Deepak. The	

profits of the firm for the year ended 31st March, 2012 amount to ₹ 2,00,000. Prepare profit and loss appropriation account for the year ended on 31st March, 2012.
[Profit share- Ali- 37,000, Bimal- 26,000, Deepak-11,000]

Chapter-2 [Valuation of Goodwill]

1	A business earned average profits of Rs. 1,00,000 during the last few years. The normal rate of return in similar type of business is 10%. The assets of the business were Rs. 10,00,000 and external liabilities was Rs. 1,80,000. Calculate the value of goodwill of the firm by super profit method, if the goodwill is valued at 2 1/2 years' purchase of super profits.
2	A business has earned average profits of Rs. 1,00,000 during the last few years and the normal rate of return in similar business is 10%. Find out the value of goodwill by (i) Capitalisation of super profit method. (ii) Super profit method, if the goodwill is valued at 3 years' purchase of super profit. The assets of the business were Rs. 10,00,000 and its external liabilities Rs. 1,80,000.
3	A partnership firm earned net profits during the last 3 years as follows: 1 st Year - ₹ 7,00,000 2 nd Year - ₹ 5,00,000 3 rd Year - ₹ 6,00,000 The capital employed in the firm throughout the above-mentioned period has been Rs. 4,00,000. Having regard to the risk involved, 15% is a fair return on the capital. The remuneration of all the partners during this period is estimated to be Rs. 1,00,000 per annum. Calculate the value of goodwill based on (i) 2 years' purchase of super profits earned on average basis during the above mentioned 3 years and (ii) By capitalisation method.

Chapter-3 [Change in profit sharing ratio]

1	Whenever revaluation account is prepared, the journal entry for unrecorded assets is (a) Unrecorded Assets A/c Dr To Revaluation A/c (b) Revaluation A/c Dr To Unrecorded Assets A/c (c) Revaluation A/c Dr To Partner's Capital A/c (d) None of the above
2	When a firm is reconstituted, reserves and accumulated profits are distributed among partners by passing the following journal entry. (a) Reserves/Profit and Loss A/c Dr Workmen's Compensation Reserve A/c Dr Investment Fluctuation Reserve A/c Dr To All Partner's Capital A/c (b) Reserves/Profit and Loss A/c Dr Workmen's Compensation Reserve A/c Dr Investment Fluctuation Reserve A/c Dr To All Partner's Current A/c (c) Either (a) or (b) (d) None of the above
3	The entry to be passed for adjustment of goodwill when there is a change in profit (loss) sharing ratio of partners, without opening goodwill account is (a) Sacrificing Partners' Capital A/c Dr To Gaining Partners' Capital A/c (b) Gaining Partners' Capital A/c Dr

	<p>To Sacrificing Partners' Capital A/c (c) Gaining Partners' Current A/c Dr To Sacrificing Partners' Current A/c (d) Either (b) or (c)</p>	
4	<p>P, 'Q' and 'R' are partners sharing profits and losses in the ratio of 5 : 3 : 2. Their new profit sharing ratio will be equal. Which partner has sacrificed and by how much?</p> <p>(a) Q = 4/30 (b) R = 1/30 (c) P = 5/30 (d) Q = 1/100 and R = 4/40</p>	
5	<p>Change in relationship among partners is called</p> <p>(a) dissolution of firm (b) reconstitution of firm (c) insolvency of firm (d) None of these</p>	
6	<p>P, Q and R were partners in a firm sharing profits in the ratio of 1 : 1 : 2. On 31st March, 2018, their balance sheet showed a credit balance of ₹ 9,000 in the profit and loss account and a Workmen Compensation Fund of ₹ 64,000. From 1st April, 2018 they decided to share profits in the ratio of 2 : 2 : 1. For this purpose it was agreed that:</p> <p>(a) Goodwill of the firm was valued at ₹ 4,00,000. (b) A claim on account of workmen compensation of ₹ 30,000 was admitted.</p> <p>Pass necessary journal entries on reconstitution of the firm.</p>	
7	<p>Radhika, Bani and Chitra were partners in a firm sharing profits and losses in the ratio of 2 : 3 : 1. With effect from 1st April, 2018 they decided to share future profits and losses in the ratio of 3 : 2 : 1. On that date their Balance Sheet showed a debit balance of ₹ 24,000 in Profit and Loss Account and a balance of ₹ 1,44,000 in general reserve. It was also agreed that:</p> <p>(a) The goodwill of the firm be valued at ₹ 1,80,000. (b) The land (having book value of ₹ 3,00,000) will be valued at ₹ 4,80,000.</p> <p>Pass the necessary journal entries for the above changes</p>	
8	<p>Parth, Raman and Zaisha are partners in a firm manufacturing furniture. They have been sharing profits and losses in the ratio of 5 : 3 : 2. From 1st April, 2017 they decided to share future profits and losses in the ratio of 2 : 5 : 3. Their Balance Sheet showed a debit balance of ₹ 74,000 in Profit and Loss Account; balance of ₹ 36,000 in General Reserve and a balance of ₹ 12,000 in Workmen's Compensation Reserve. It was agreed that:</p> <p>(i) The goodwill of the firm be valued at ₹ 76,000. (ii) The stock (book value of ₹ 40,000) was to be depreciated by 8%. (iii) Creditors amounting to ₹ 900 were not likely to be claimed. (iv) Claim on account of Workmen's Compensation amounted to ₹ 20,000. (v) Investments (book value ₹ 38,000) were revalued at ₹ 40,000.</p> <p>Pass necessary journal entries for the above</p>	