



مدارس دارة السلام العالمية- الرياض  
**Daratassalam International,**  
**Delhi Public School – Riyadh**  
**Summer Holiday Homework (2023)**



**Grade: XII**  
**COMPUTER SCIENCE**

- Revise for Half Yearly Examination 2023 (till Chapter 9 - Data Structures).
  - Complete, practice and learn the Question & Answer and notes in Class Notebook.
  - Complete Exercise for Chapter 1, 2, 3, 4, 5, 8 and 9 in Computer Science with Python Practical Book for Class XII by Sumita Arora.
  - Practice Programming for Chapters 1 to 9.
  - Read Chapter 10 - Communication and Network Concepts
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**BIOLOGY**

- Prepare an investigatory project on topic given for CBSE board examination.
  - Complete the practical record book.
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**PHYSICS**

1. Do all the solved examples of physics NCERT vol. 1
  2. Decide on an Investigatory project of physics for the CBSE board practical.
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**CHEMISTRY**

1. Complete the exercise (numerical questions) in the completed chapters.
2. Prepare your record (Journal) book for submission for TERM-01 experiments.
3. Project work of Chemistry should be completed and must be submitted on reopening day.

Here are some suggested projects links:

A] <https://www.scribd.com/doc/31194873/Investigatory-Project-Chemistry-Class-XII>

B] <https://www.topicsforseminar.com/p/chemistry-investigatory-project.html?m=1>

C] [Investigatory-Projects-Experiments-Class-12-CBSE.php](#)

D] <https://leverageedu.com/blog/chemistry-project-for-class-12/>

## MATHEMATICS

Complete the following activities in your mathematics record book from the book

### Mathematics Lab Activity for class 12.

1. Activity Nos. 1, 3, 5, 7, 9, 10, 13, 16, 17, 18, 21, 22, 26, 27.

## PHYSICAL EDUCATION

"Make a project on game which you have opted".

## ENGLISH

S. No.	Subjects	Assignments
1	Literature	A Thing of Beauty {Poem}
2	Literature	Research on JOHN KEATS life & his work
3	Advanced Writing Skills	Write an article on any of the topics.
4	Advanced Writing Skills	Draw poster on the following topics.

### GENERAL INSTRUCTIONS

1. Write the summary of the poem **"A Thing of Beauty"** and Research thoroughly on the life and works of **JOHN KEATS** as English Poet, his collection of poetry, awards and recognition. {Word Limit 200—250}
2. Read the poem, "A Thing of Beauty" {Flamingo} & make notes on it. {Word Limit 200—250}
3. Write an article on any **ONE** of the following topics. {Word Limit 200—250}

1	Importance of Personality Development
2	Role of Students In National Development
3	Importance of Effective Communication Skills
4	Information Technology And Younger Generation

4. Draw poster on any ONE of your favourite topics. It must be decorated with photographs or hand-made portraits.

Blood Donation Camp organised by your school	Adventure Sports And Eco Tourism
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**Importance of Health and Benefits  
of Exercises**

**Value of Books and Good Reading  
Habits.**

**NOTE: All the assignments must be handwritten in neat and intelligible way in the English Note Book.**

**No print out shall be entertained. Prepare the poster on a chart paper.**

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## **ECONOMICS**

**Prepare power points slides based on topics**

1.	<b>VARSHIT</b>	Human capital formation
2.	<b>EMAD</b>	Environment and sustainable development
3.	<b>ABDULLAH</b>	Indian Economy and common goal of five-year plan
4.	<b>IBRAHIM</b>	New Economic policy and employment
5.	<b>ARMAAN</b>	Rural Development
6.	<b>AYESHA SAMRA</b>	Liberalization Privatization and Globalization
7.	<b>RAGDA</b>	Human Capital formation
8.	<b>LAIBA</b>	Human Capital formation
9.	<b>QAREENA</b>	Employment

## **BUSINESS STUDIES**

The students must make a presentation of the project before the class.

### **I. Project work: Principles of Management**

The students are required to visit any one of the following:

1. A departmental store.
2. An Industrial unit.
3. A fast food outlet.

You are required to observe the application of the general Principles of management advocated by Fayol.

Fayol's principles :

1. Division of work.
2. Unity of command.
3. Unity of direction.
4. Scalar chain
5. Espirit de corps
6. Fair remuneration to all.

7. Order.
8. Equity.
9. Discipline
10. Subordination of individual interest to general interest.
11. Initiative.
12. Centralisation and decentralisation.
13. Stability of tenure.
14. Authority and Responsibility

**OR**

You may enquire into the application of scientific management techniques by F.W. Taylor in the unit visited.

Scientific techniques of management.

1. Functional foremanship.
2. Standardisation and simplification of work.
3. Method study.
4. Motion Study.
5. Time Study.
6. Fatigue Study
7. Differential piece rate plan.

***Presentation and Submission of Project Report***

Each student will prepare and submit his project report. Following essentials are required to be fulfilled for its preparation and submission. 1. The total length of the project will be of 25 to 30 pages.

2. The project should be handwritten.

3. The project should be presented in a neat folder.

4. The project report should be developed in the following sequence-

- ☐ Cover page should include the title of the Project, student information, school and year.
- ☐ List of contents.
- ☐ Acknowledgements and preface (acknowledging the institution, the places visited and the persons who have helped).
- ☐ Introduction.
- ☐ Topic with suitable heading.
- ☐ Planning and activities done during the project, if any.

- ☐ Observations and findings of the visit.
- ☐ Conclusions (summarized suggestions or findings, future scope of study).
- ☐ Photographs (if any).
- ☐ Appendix

## **II. Do the 'Case Studies' of Chapter 1 to 7**

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### **ACCOUNTANCY**

1. The partnership deed is silent on payment of salary to partners. Anita, a partner, claimed that, since she managed the business, she should get a monthly salary of Rs. 10,000. Is she entitled for the salary? Give reason.
2. State the provisions of Indian Partnership Act, 1932 regarding the payment of remuneration to a partner for the services rendered.
3. What share of profit would a 'sleeping partner', who has contributed 75% of the total capital, get in the absence of a deed?
4. Is a sleeping partner liable for the acts of other partners?
5. What is meant by a partnership deed?
6. Why should a firm have a partnership deed?
7. What is meant by 'unlimited liability of a partner'?
8. State the provisions of Indian Partnership Act, 1932 regarding interest on partners' capital and interest on partners' loan when there is no partnership deed
9. Can a partner be exempted from sharing the losses in a firm? If yes, under what circumstances?
10. Suresh and Ramesh are partners in a firm with capitals of ₹ 3,00,000 and ₹ 4,00,000 respectively. They do not have a partnership deed. Ramesh wants to share the profits in the ratio of capitals. State with reason whether the claim is valid.
11. How does the factor 'quality of product' affect the goodwill of a firm?.
12. How does the factor 'efficiency of management' affect the goodwill of a firm
13. Define goodwill?
14. Explain any Three methods for valuation of goodwill.
15. What is meant by sacrificing ratio?
16. List any two items that need adjustments in the books of accounts of a firm at the time of admission of a partner

17. X and Y are partners. Y wants to admit his son K into business. Can K become the partner of the firm?
18. State any one purpose for admitting a new partner in a firm
19. A and B are partners sharing profits in the ratio of 5 : 4. They admit C for  $\frac{1}{9}$ th share, which he acquires from A. Find the new profit sharing ratio.
20. A, B and C were partners in a firm sharing profits in the ratio of 8 : 4 : 3. B retires and his share is taken up equally by A and C. Find the new profit sharing ratio.
21. Define gaining ratio.
22. A, B and C are partners sharing profits in the ratio of 3 : 2 : 1. B retires and new profit sharing ratio between A and C is 3 : 1. State the gaining ratio.
23. A, B and C were partners in a firm sharing profits in the ratio of 6 : 5 : 4. C retires and his share is taken up equally by A and B. Find the new profit sharing ratio.
24. Distinguish between 'dissolution of partnership' and 'dissolution of partnership firm' on the basis of closure of books.
25. Identify a situation, under which court may order for dissolution of a partnership firm.
26. When an asset is taken over by a partner, why is his capital account debited?
27. When a liability is to be discharged by a partner, why is his capital account credited?
28. In case of dissolution of a firm, which liabilities are to be paid first?
29. 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 were Rs. 1,80,000. Calculate the value of goodwill of the firm by super profit method, if the goodwill is valued at 2  $\frac{1}{2}$  years' purchase of super profits.
30. A and B entered into partnership on 1st April, 2009 without any partnership deed. They introduced capital of Rs. 5,00,000 and Rs. 3,00,000 respectively. On 31st October, 2009, A advanced Rs. 2,00,000 by way of loan to the firm without any agreement as to interest.  
The profit and loss accounts for the year ended 31st March, 2010 showed a profit of Rs. 4,30,000, but the partners could not agree upon the amount of interest on loan to be charged and the basis of division of profits.

Pass a journal entry for the distribution of the profit between the partners and prepare the capital accounts of both the partners and loan account of 'A'.

31. Following is the balance sheet of A & B who had been sharing profit and losses in the ratio of 3/4 and 1/4 as of 31<sup>st</sup> March 2021. (8 marks)

Liabilities	Amount	Assets	Amount
Creditors	37,500	Cash at Bank	22,500
General Reserve	6,000	Bill receivables	3,000
Capital accounts		Debtors	16,000
A 28,500		Stock	20,000
B 15,500	44,000	Furniture	1,000
		Land & Building	25,000
	87,500		87,500

They admit C into partnership on 01<sup>st</sup> April 2021 on the following terms.

1. C pays Rs. 14,000 as his capital for 1/5<sup>th</sup> share in future profits.
2. Goodwill is valued at Rs. 20,000. C is unable to bring cash for his share of goodwill.
3. Stock and furniture be reduced by 10% and 5 %. Provisions for doubtful debts be created on debtors.
4. Land & Building be appreciated by 20%.
5. Capital accounts of the partners be re adjusted on the basis of their profit sharing arrangement and any access of deficiency to be transferred to their current accounts.

**Prepare revaluation accounts, partners' capital account and the balance sheet of the new firm.**

32. R, S and T were partners in a firm sharing profits in 2 : 2 : 1 ratio. On 1st April, 2004, their balance sheet was as follows

**Balance Sheet**  
as at 1st April, 2004

Liabilities		Amt (₹)	Assets		Amt (₹)
Bank Loan		12,800	Cash		51,300
Sundry Creditors		25,000	Bills Receivable		10,800
Capital A/cs			Debtors		35,600
R	80,000		Stock		44,600
S	50,000		Furniture		7,000
T	40,000	1,70,000	Plant and Machinery		19,500
Profit and Loss A/c		9,000	Building		48,000
		<u>2,16,800</u>			<u>2,16,800</u>

S retired from the firm on 1st April, 2004 and his share was ascertained on the revaluation of assets as follows; stock Rs. 40,000, furniture Rs. 6,000, plant and machinery Rs. 18,000, building Rs. 40,000; Rs. 1,700 were to be provided for doubtful debts. The goodwill of the firm was valued at Rs. 12,000. S was to be paid Rs. 18,080 in cash on retirement and the balance in three equal yearly instalments. Prepare revaluation account, partners' capital account, S's loan account and balance sheet on 1st April, 2004.

33. The balance sheet of Sadhna, Mohit and Rohit who were sharing profits in the ratio of 1:2:3 as on 31st March, 2012 was as follows

**Balance Sheet**  
as at 31st March, 2012

Liabilities		Amt (₹)	Assets		Amt (₹)
General Reserve		60,000	Cash		36,000
Bills Payable		20,000	Stock		85,000
Loan		24,000	Investments		58,000
Capital A/cs			Land and Building		2,20,000
Sadhna	75,000		Rohit's Loan		30,000
Mohit	1,00,000				
Rohit	1,50,000	3,25,000			
		<u>4,29,000</u>			<u>4,29,000</u>

Rohit died on 1st September, 2012. The partnership deed provided for the following on the death of a partner

(i) Goodwill of the firm to be valued at two years' purchase of average profits for the last three years.

(ii) Rohit's share of profit or loss till the date of death was to be calculated on the basis of sales. Sales for the year ended 31st March, 2012 amounted to Rs.



6,00,000 and that from 1st April to 1st September, 2012 to Rs. 3,50,000. The profit for the year ended 31st March, 2012 was calculated as Rs. 1,50,000.

(iii) Interest on capital was to be provided @ 8% per annum.

(iv) The average profits of the last three years were Rs. 72,000.

(v) According to Rohit's will, the executors should donate his share to 'Matri Chhaya an orphanage for girls'.

Prepare Rohit's capital account to be rendered to his executor. Also identify the value being highlighted in the question.

**34.** Verma and Sharma were partners sharing profits in the ratio of 3 : 1. On 31st March, 2011, their balance sheet was as follows:

Balance Sheet				
as at 31st March, 2011				
Liabilities		Amt (₹)	Assets	Amt (₹)
Capital A/cs			Land and Building	70,000
Verma	1,20,000		Machinery	60,000
Sharma	80,000	2,00,000	Debtors	80,000
Creditors		70,000	Bank	60,000
		2,70,000		2,70,000

The firm was dissolved on 1st April, 2011 and the assets and liabilities were settled as follows:

(i) Creditors of Rs. 50,000 took over land and building in full settlement of their claim.

(ii) Remaining creditors were paid in cash.

(iii) Machinery was sold at a depreciation of 30%.

(iv) Debtors were collected at a cost of Rs 500.

(v) Expenses on realisation were Rs 1,700. Pass necessary journal entries for dissolution of the firm.

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