



SIDHESHWAR
PUBLIC SCHOOL
Learning Breeds Courtesy



Holidays Homework

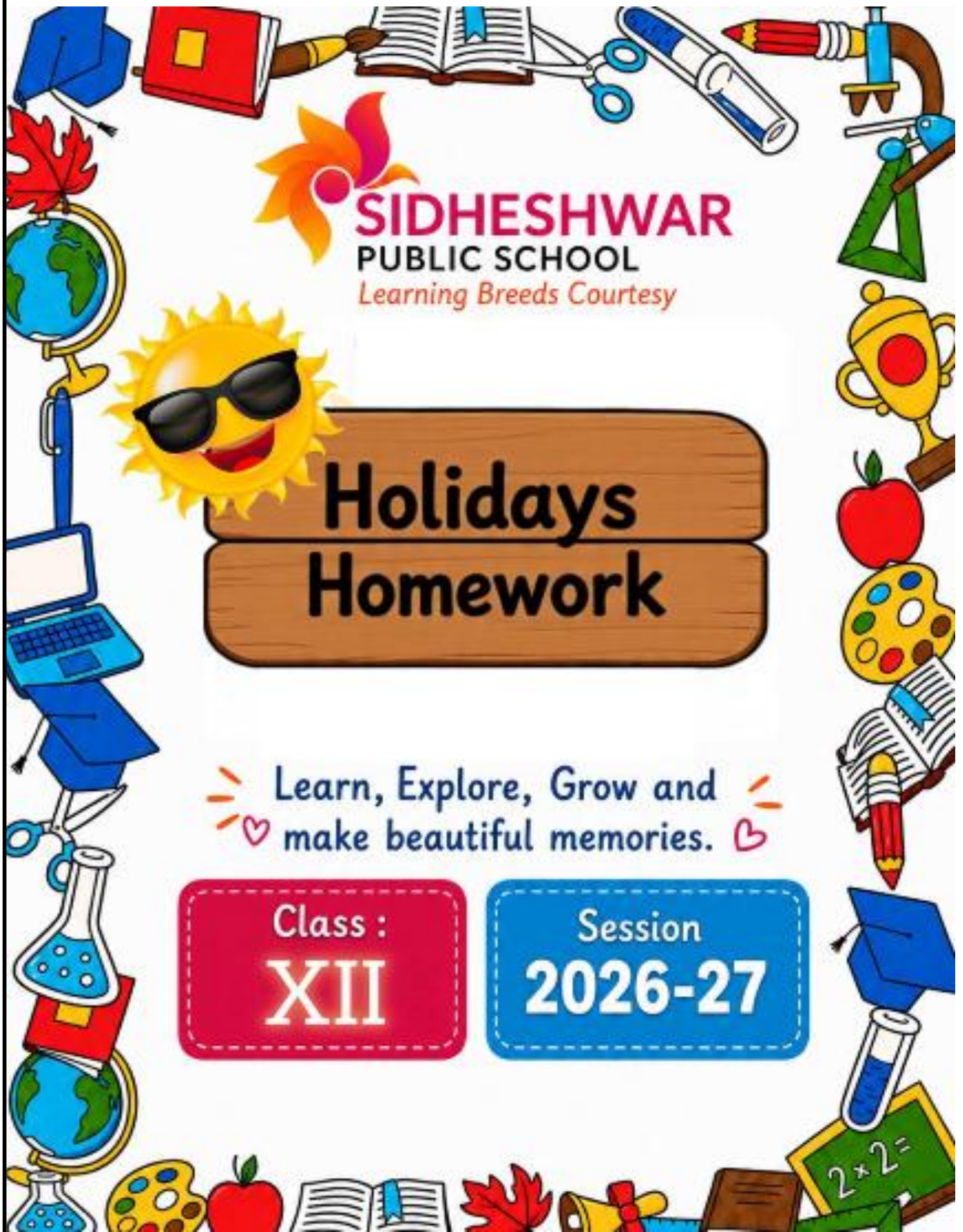
Learn, Explore, Grow and
make beautiful memories.

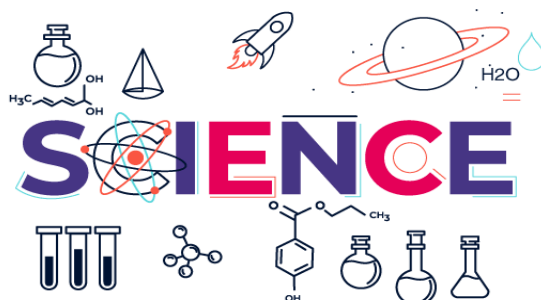
Class :

XII

Session

2026-27





English

ENGLISH CORE PROJECT WORK

General Instructions

- Prepare both pictorial and graphical presentations on the left-hand side of the project file.
- All information and data must be collected from authentic sources.
- Maintain neatness, creativity, and proper presentation throughout the project.

Key Components

1. **Cover Page** : Title, Student Name, Roll No., School Name
2. **Structure** : Acknowledgement, Certificate of Completion, Index, Introduction, Main Content (800 – 1000 word report), Conclusion and Bibliography.
3. **Presentation** : Hand – written on A4 sheets with relevant photographs, charts and illustrations.

Presentation Guidelines

- Use colourful headings and subheadings.
- Add relevant pictures, charts, graphs, and newspaper cuttings wherever possible.
- Maintain proper margins and page decoration.
- Use neat handwriting and correct spellings.
- Mention the sources of information collected.
- Keep the project file clean, creative, and well-organized.

TOPIC 1 – The Last Lesson

Elaborate on the themes of linguistic chauvinism, procrastination, and the importance of time management.

Collect information about countries where people strongly value and preserve their mother tongue and cultural identity.

TOPIC 2 – The Lost Spring

Collect information about various slums in India, their living conditions, and the accessibility of education for children living there.

Discuss child labour among children below the age of 14 and explain how children are engaged in different kinds of work. Include information about the largest slum in India.

TOPIC 3 – Deep Water

Describe any personal experience related to a fear that once haunted you and explain how you overcame it.

Collect information about different types of fears faced by people in your locality and the methods they use to overcome them.

TOPIC 4 – My Mother at Sixty-Six

Collect information about old-age homes in India, their living conditions, facilities provided, and the number of old-age homes in the country.

TOPIC 5 – Journey to the End of the Earth

This chapter discusses environmental issues and the damage caused to nature by human activities.

Explain how today's youth can dedicate a part of their lives to environmental conservation. Collect information about major environmental issues and the role youth can play in solving them.

TOPIC 6 – Keeping Quiet

Collect information about the causes of environmental degradation and how human activities are harming the Earth.

Focus on the importance and relevance of meditation, silence, and introspection in modern life.

TOPIC 7 – Indigo

Collect information about different freedom movements and explain the significance of the Champaran Movement.

You may also write the biography or autobiography of any freedom fighter.

TOPIC 8 – A Thing of Beauty

Write about the benefits of being close to nature and explain why people find peace, happiness, and comfort in natural surroundings.

Collect information about important natural destinations in India.

TOPIC 9 – The Third Level

Explain why hurry and worry have become trademarks of modern life.

Discuss why today's life feels insecure and why people often wish to escape from reality.

Interview your school principal or counsellor to understand the problems of stress, fear, and anxiety faced by students, especially on virtual platforms.

TOPIC 10 – Aunt Jennifer's Tigers

Collect information about laws related to marriage in India and examine whether these laws are effectively implemented.

Include a suitable case study if possible.

TOPIC 11 – A Roadside Stand

The economic well-being of a country depends upon the balanced development of villages and cities.

Collect information about government schemes introduced for the upliftment of rural people and explain their important features and benefits.

TOPIC 12 – The Rattrap

Collect information about NGOs that are functioning successfully in your locality.

Discuss their role in making the world a better place to live in. Include a relevant case study.

TOPIC 13 – The Tiger King

Collect information about superstitious beliefs in India and discuss how prevalent these beliefs are in modern Indian society.

TOPIC 14 – The Enemy

This chapter highlights the conflict between human compassion and prejudices created during times of war.

Discuss the relevance of this theme during pandemic situations and in today's world.

TOPIC 15 – Going Places

The story describes the aspirations and dreams of youth along with the various career opportunities available today.

Write about the career you would like to choose and explain why. Collect information about different career options available for today's generation.

TOPIC 16 – On the Face of It

Collect information about different kinds of physical disabilities.

Prepare a report on people who overcame physical disabilities and achieved success in life through determination and courage.

TOPIC 17 – Memories of Childhood

Collect information about different forms of discrimination prevalent in society, including women's oppression, class barriers, racism, and the exploitation of women.

TOPIC 18 – Poets and Pancakes

Cinema has a strong influence on society, and the lives of famous personalities portrayed in movies, web series, or documentaries often inspire people.

Write about any personality (positive or negative) portrayed in a biopic that you have recently watched and explain what lessons viewers can learn from it.

Also, write about the journey of Ramoji Film City, Hyderabad, in about 500 words.

TOPIC 19 – The Interview

Prepare a project based on a fictitious interview with Ruskin Bond or any author of your choice.

PHYSICS

1. Do the assignments upload in the cloud9
2. Do the Investigatory Project .

Chemistry

1. Prepare a project on topic allotted as per your roll numbers mentioned below.
2. Do the given assignments.
3. Study the entire syllabus in depth, covering everything that has been completed up to the most recent class.

Roll Number	Project Number	Project Topic
1 - 5	Project No. 1	Analysis of Fe in Different Medicines
6 - 10	Project No. 2	Determination of Caffeine in Tea Sample
11 - 15	Project No. 3	Study of Content of Ascorbic Acid in Citrus Fruits
16 - 20	Project No. 4	Determine the Quantity of Casein in Milk
21 - 25	Project No. 5	Effect of Impurities on Boiling Point (Related to Colligative Property)
26 - 30	Project No. 6	Analysis of Multivitamin Tablets
31 - 35	Project No. 7	Analysis of Tobacco for Arsenic
36 - 40	Project No. 8	Comparing Lactose Percentage Between Whole Milk and Powdered Milk
41 - 45	Project No. 9	Study the Presence of Oxalate Ion in Guava Fruit

Complete List of Chemistry Projects

1. Analysis of Fe in Different Medicines
2. Determination of Caffeine in Tea Sample
3. Study of Content of Ascorbic Acid in Citrus Fruits
4. Determine the Quantity of Casein in Milk
5. Effect of Impurities on Boiling Point (Related to Colligative Property)
6. Analysis of Multivitamin Tablets
7. Analysis of Tobacco for Arsenic
8. Comparing Lactose Percentage Between Whole Milk and Powdered Milk
9. Study the Presence of Oxalate Ion in Guava Fruit
10. To Study the Presence of Insecticides and Pesticides in Various Fruits

Instructions for Students

- Students must prepare their allotted project neatly in a practical file.
- Include aim, theory, procedure, observation, result, and conclusion in the project.
- Use charts, diagrams, and pictures wherever required.
- Submit the project before the final practical examination.

Assignment 1 (Coordination Compound)

1. When a coordination compound $\text{CrCl}_3 \cdot 6\text{H}_2\text{O}$ is mixed with AgNO_3 , 2 moles of AgCl are precipitated per mole of the compound. Write:

(i) Structural formula

(ii) IUPAC name

2. Give formula of each of the following:

(a) Co^{3+} ion is bound to one Cl^- , one NH_3 and two ethylene diamine molecules. Write its name also.

(b) Ni^{2+} ion is bound to two water molecules and two oxalate ions. Write its name also.

3. For the complex $[\text{Fe}(\text{CO})_5]$, write hybridisation, magnetic character and spin of the complex.

4. What is meant by crystal field splitting energy?

On the basis of CFT, write electronic configuration of d^4 in terms of t_{2g} and e_g in an octahedral field when:

(i) $\Delta_0 > P$

(ii) $\Delta_0 < P$

5. Explain the following:

(i) Why spin octahedral complexes of Ni are not known.

(ii) Co^{2+} is easily oxidised to Co^{3+} in the presence of a strong ligand.

6. Using VBT, explain the following in relation to the paramagnetic complex $[\text{Mn}(\text{CN})_6]^{3-}$:

(a) Type of hybridisation

(b) Magnetic behaviour

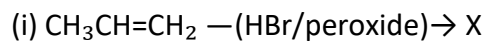
(c) Type of complex — Inner orbital / Outer orbital complex

7. The spin only magnetic moment of $[\text{MnBr}_4]^{2-}$ is 5.9 BM. Predict the geometry of the complex ion.

8. Draw isomers of the complex ion $[\text{Co}(\text{en})_2\text{Cl}_2]^+$
9. $[\text{Fe}(\text{H}_2\text{O})_6]^{3+}$ is strongly paramagnetic whereas $[\text{Fe}(\text{CN})_6]^{3-}$ is weakly paramagnetic. Explain.
10. $[\text{Fe}(\text{CN})_6]^{4-}$ and $[\text{Fe}(\text{H}_2\text{O})_6]^{2+}$ are of different colours in dilute solution. Explain.

Assignment 2 (haloalkane & haloarenes)

1. Complete the following reactions:



2. (\pm)-2-Butanol is optically inactive. Give reason.

3. The following compounds are given to you:

2-Bromopentane, 2-bromo-2-methylbutane, 1-bromopentane

(a) Write the compound which is most reactive towards $\text{S}_{\text{N}}2$ reaction.

(b) Which is optically active?

(c) Which is most reactive towards β -elimination?

4. Write the products of the following:

(a) Styrene + HBr \rightarrow ?

(b) $\text{C}_6\text{H}_5\text{CH}_2\text{CH}=\text{CH}_2 + \text{HBr}/\text{peroxide} \rightarrow ?$

5. Although chlorine is an electron withdrawing group, yet it is ortho-, para-directing in electrophilic aromatic substitution reactions. Why?

6. Why is sulphuric acid not used during the reaction of alcohols with KI?

7. Complete the following:

(a) Cyclohexanol + $\text{SOCl}_2 \rightarrow ?$

(b) Nitroethyl benzene + $\text{Br}_2 / h\nu \rightarrow ?$

(c) Hydroxy benzyl alcohol + $\text{HCl} (\Delta) \rightarrow ?$

(d) Methyl cyclohexene + $\text{HI} \rightarrow ?$

(e) Bromocyclohexane + $\text{Mg} / \text{dry ether} \rightarrow \text{A}$

$\text{A} + \text{H}_2\text{O} \rightarrow \text{B}$

8. Conversions:

(a) Toluene to benzyl alcohol

(b) Ethanol to but-1-yne

(c) Bromomethane to propanone

(d) 1-Chlorobutane to n-octane

(e) 1-Bromopropane to 2-bromopropane

9. The dipole moment of chlorobenzene is lower than that of cyclohexyl chloride. Explain.

10. t-Butyl bromide reacts with aq. NaOH by SN¹ mechanism while n-butyl bromide reacts with SN² mechanism. Why?

11. Haloalkanes dissolve easily in organic solvents. Why?

12. A solution of KOH hydrolyses CH₃CHClCH₂CH₃ and CH₃CH₂CH₂CH₂Cl. Which one is more easily hydrolysed?

BIOLOGY

1. Prepare a project on topic allotted in class. Decorate it with colourful pictures.

2. Do the given assignments.

3. Learn ch.1 to ch.4

ASSIGNMENT -1

1. Mention the location and function of tapetum in the microsporangium of angiosperms. State the features of cells of this layer.

2. Explain giving two reasons why pollen grains can be best preserved as fossils.

3. Differentiate between the two cells enclosed in a mature male gametophyte of an angiosperm.

4. Geitonogamous flowering plants are genetically autogamous but functionally cross pollinated. Justify.

5. Name the product of fertilisation that forms the kernel of coconut. How does the kernel differ from coconut water?

6. Differentiate between albuminous and non-albuminous seeds, giving one example of each.

7. Why are some citrus seeds referred to as polyembryonic? How are they formed?

8.(a) In plant breeding experiments, pistillate flowers are not emasculated but are still bagged. Explain.

(b) Why are outbreeding devices developed by some flowering plants?

9. Describe the endosperm development in angiosperm.

10. Differentiate between perisperm and endosperm, giving one example of each.

11.(a) Describe the stages of oogenesis in human females.

(b) Draw a labelled diagram of a human ovum released after ovulation.

12.(a) Explain spermatogenesis in human males. When and where does it take place?

(b) Draw and explain electron microscopic view of human sperm.

13.(a) Mention the event that induces the completion of meiotic division of secondary oocyte.

(b) Trace the journey of ovum from ovary, its fertilization and further development until the implantation of embryo.

14. Explain hormonal, uterine and ovarian events during different phases of menstrual cycle.

15.(a) Give hormonal control of spermatogenesis.

(b) Give hormonal control of oogenesis.

16. Draw well labelled diagram of human male and female reproductive system.

17.(a) When and how does placenta develop in human females?

(b) How is the placenta connected to the embryo?

(c) Placenta acts as an endocrine gland. Explain.

18.(a) Write the specific location and function of following cells in human males:

(i) Leydig cells

(ii) Sertoli cells

(iii) Primary spermatocytes

(b) Explain the role of any two accessory glands in human male reproductive system.

19. Describe the process of parturition.

20.(a) Draw a diagram of the structure of human ovum surrounded by corona radiata. Label the following parts:

(i) Ovum

(ii) Plasma membrane

(iii) Zona pellucida

(b) State the function of zona pellucida.

ASSIGNMENT-2

1.Suggest some methods to assist infertile couples to have children.

2.Explain the principles of various methods of contraceptives in detail.

3.Name and explain surgical methods advised to human males and females as a means of birth control. Mention one advantage and one disadvantage.

4.What is amniocentesis? Justify the statutory ban on it.

5.(a) What do contraceptive pills contain? How do they act as contraceptives?

(b) What schedule should be followed for taking contraceptive pills?

6.In a dihybrid cross, when would the proportion of parental gene combinations be much higher than non-parental types, as experimentally shown by Morgan and his group?

7.Name the type of cross that would help to find the genotype of a pea plant bearing violet flowers.

8.A garden pea plant produced axial white flowers another of the same species produced terminal violet flowers. Identify the dominant trait.

9.Give an example of a gene responsible for multiple phenotypic expressions. What are such genes called? State the cause that is responsible for such an effect.

10.The F₂ progeny of a monohybrid cross showed phenotypic and genotypic ratio as 1 : 2 : 1, unlike that of Mendel's monohybrid F₂ ratio. With the help of a suitable example, work out a cross and explain how it is possible.

11.In a typical monohybrid cross, the F₂ population ratio is written as 3 : 1 for phenotype, but expressed as 1 : 2 : 1 for genotype. Explain with the help of an example.

12.Explain the phenomena of dominance, multiple allelism and codominance taking human ABO blood group as an example.

13.What is a test cross? How can it decipher the heterozygosity of a plant?

14.Although Mendel published his work on inheritance of characters in 1865 but for several reasons, it remained unrecognised till 1900. Explain three reasons why it took so long.

15.During a monohybrid cross involving a tall pea plant with a dwarf pea plant, the offspring populations were tall and dwarf in equal ratio. Work out a cross to show how it is possible.

16.Explain polygenic inheritance with the help of a suitable example.

17.Differentiate between pleiotropy and polygenic inheritance patterns.

18.Using Punnett square show the F₂ result of a dihybrid cross where the pure breed parents have contrasting traits with reference to seed shape and seed colour in *Pisum sativum*. Give the phenotypic ratio.

19.Write the sex of a human having XXY chromosome With 22 pairs of autosomes. Name the disorder this human suffers from.

20.Mention the conditions under which a human female can be haemophilic.

MATHS

Maths Holiday Homework will be uploaded separately

Computer

1. WAP to display a Fibonacci series. The first two numbers and the length of the will be entered by the user.

2. WAP to Input a string and determine whether it is a palindrome or not.

3. WAP to input a list of numbers and swap elements at even locations with the elements at the odd location.
4. WAP to find and display the sum of all the integers ending with 2 in a list.
5. WAP to create a dictionary with the roll number, name and marks of n students in a class and display the names of students who have marks above.
6. WAP to check if the number entered by the user is Prime or not. Pass N as Argument to the function.
7. WAP with function `remove_even(list_num)` that takes the list with numbers as parameter and returns the updated list after removing the even values in the list.
8. Read a file `abc.txt` and display the number of characters/ vowels/ consonants/ uppercase/lowercase/ digits present in the file.
9. WAP to read a text file `abc.txt` and copy all the words that start with the Character 'T' and write it to another file `bcd.txt`.
10. WAP to read a file `abc.txt` and count and display the occurrence of the word "my" in the file.
11. WAP to create a binary file with name and roll number. Search for a given roll number and display the name, if not found display an appropriate message.
12. WAP to create a binary file with roll number, name and marks. Input a roll number and update the marks.
13. Create a table student with following attributes:

Table: student

Column Names	Data Type	Constraints, if any
Id	integer	Primary key
Name	varchar(20)	Not null
Marks	float	-
DOB	date	-
Gender	char	-

adhaar_id	integer	NOT NULL, unique
-----------	---------	------------------

14. Frame the SQL queries for the following:

- a) To create a database sidheshwar.
- b) To use the database sidheshwar.
- c) To delete the database sidheshwar.
- d) To display the list of databases.
- e) To display the list of tables.
- f) To display the structure of the table student.
- g) To delete the table student.
- h) To add a new column code(type: integer) in table student.
- i) To delete column code(type: integer) from table student.
- j) To set an existing column id as primary key in table student.
- k) To delete an existing column id as primary key from table student.

15. Table: GAMES

GCode	GameName	Number	PrizeMoney	cheduledDate
101	Kabaddi	2	5000	23-Jan-2007
102	Badminton	2	12000	12-Dec-2013
103	Table Tennis	4	8000	14-Feb-2014
105	Chess	NULL	9000	1-Jan-2015

108	Table Tennis	4	25000	19-Mar-2014
-----	--------------	---	-------	-------------

Table: PLAYER

PCode	Name	GCode	City
1	Ravi Shankar	101	Delhi
2	Amir	108	Mumbai
3	Jatin	101	Mumbai
4	Shahrukh	103	Agra

- A. Display the data of the entire table GAMES.
- B. To display details of those games which have PrizeMoney more than 7000.
- C. To display the content of the Games table in ascending order of ScheduledDate.
- D. To count and display the number of GameName from the Games table.
- E. To display the details having $102 \leq GCode \leq 105$ from table PLAYER.
- F. To display the details of the Players from city delhi, Mumbai, Agra.
- G. Display the details of the Player Jatin from Mumbai.
- H. To find the average of PrizeMoney from the table Games.
- I. To display the details of the player whose name starts from 'S'.
- J. Find the maximum and the minimum ScheduledDate.
- K. Increase the PrizeMoney of TableTennis by Rs. 500
- L. Display GameName and Name from tables Games and Player.
- M. Display the details of the GAMES having Number as NULL.
- N. Delete the record of Amir from Mumbai

O. Insert a new record table PLAYER (5, Vansh, 108, 'Nagpur')

P. Calculate and Display the tax on PrizeMoney. The tax will be calculated as 10% of the PrizeMoney. The heading of the output column should be 'Tax'.

Physical Education

Session 2026–27

Topics

1. Fitness Tests Administration (SAI Khelo India Test)
2. Procedure of Asanas, Benefits & Contraindications for any Ten Asanas for Lifestyle Diseases
3. Volleyball Game

- * Labelled Diagram of Field & Equipment

- * Rules

- * Terminologies

- * Skills

Instructions

- * Cover Page Colour: Light Blue

- * File Type: Any Physical Education Practical File

- * All diagrams should be properly labelled.

- * All photos should be neatly pasted.
- * Maintain clean handwriting and proper presentation.
- * Use black/blue pen for writing and coloured pencils for diagrams.
- * Submit the file after school reopens from vacations.



English

ENGLISH CORE PROJECT WORK

General Instructions

- Prepare both pictorial and graphical presentations on the left-hand side of the project file.
- All information and data must be collected from authentic sources.
- Maintain neatness, creativity, and proper presentation throughout the project.

Key Components

1. **Cover Page** : Title, Student Name, Roll No., School Name
2. **Structure** : Acknowledgement, Certificate of Completion, Index, Introduction, Main Content (800 – 1000 word report), Conclusion and Bibliography.
3. **Presentation** : Hand – written on A4 sheets with relevant photographs, charts and illustrations.

Presentation Guidelines

- Use colourful headings and subheadings.
- Add relevant pictures, charts, graphs, and newspaper cuttings wherever possible.
- Maintain proper margins and page decoration.
- Use neat handwriting and correct spellings.
- Mention the sources of information collected.
- Keep the project file clean, creative, and well-organized.

TOPIC 1 – The Last Lesson

Elaborate on the themes of linguistic chauvinism, procrastination, and the importance of time management.

Collect information about countries where people strongly value and preserve their mother tongue and cultural identity.

TOPIC 2 – The Lost Spring

Collect information about various slums in India, their living conditions, and the accessibility of education for children living there.

Discuss child labour among children below the age of 14 and explain how children are engaged in different kinds of work. Include information about the largest slum in India.

TOPIC 3 – Deep Water

Describe any personal experience related to a fear that once haunted you and explain how you overcame it.

Collect information about different types of fears faced by people in your locality and the methods they use to overcome them.

TOPIC 4 – My Mother at Sixty-Six

Collect information about old-age homes in India, their living conditions, facilities provided, and the number of old-age homes in the country.

TOPIC 5 – Journey to the End of the Earth

This chapter discusses environmental issues and the damage caused to nature by human activities.

Explain how today's youth can dedicate a part of their lives to environmental conservation. Collect information about major environmental issues and the role youth can play in solving them.

TOPIC 6 – Keeping Quiet

Collect information about the causes of environmental degradation and how human activities are harming the Earth.

Focus on the importance and relevance of meditation, silence, and introspection in modern life.

TOPIC 7 – Indigo

Collect information about different freedom movements and explain the significance of the Champaran Movement.

You may also write the biography or autobiography of any freedom fighter.

TOPIC 8 – A Thing of Beauty

Write about the benefits of being close to nature and explain why people find peace, happiness, and comfort in natural surroundings.

Collect information about important natural destinations in India.

TOPIC 9 – The Third Level

Explain why hurry and worry have become trademarks of modern life.

Discuss why today's life feels insecure and why people often wish to escape from reality.

Interview your school principal or counsellor to understand the problems of stress, fear, and anxiety faced by students, especially on virtual platforms.

TOPIC 10 – Aunt Jennifer's Tigers

Collect information about laws related to marriage in India and examine whether these laws are effectively implemented.

Include a suitable case study if possible.

TOPIC 11 – A Roadside Stand

The economic well-being of a country depends upon the balanced development of villages and cities.

Collect information about government schemes introduced for the upliftment of rural people and explain their important features and benefits.

TOPIC 12 – The Rattrap

Collect information about NGOs that are functioning successfully in your locality.

Discuss their role in making the world a better place to live in. Include a relevant case study.

TOPIC 13 – The Tiger King

Collect information about superstitious beliefs in India and discuss how prevalent these beliefs are in modern Indian society.

TOPIC 14 – The Enemy

This chapter highlights the conflict between human compassion and prejudices created during times of war.

Discuss the relevance of this theme during pandemic situations and in today's world.

TOPIC 15 – Going Places

The story describes the aspirations and dreams of youth along with the various career opportunities available today.

Write about the career you would like to choose and explain why. Collect information about different career options available for today's generation.

TOPIC 16 – On the Face of It

Collect information about different kinds of physical disabilities.

Prepare a report on people who overcame physical disabilities and achieved success in life through determination and courage.

TOPIC 17 – Memories of Childhood

Collect information about different forms of discrimination prevalent in society, including women's oppression, class barriers, racism, and the exploitation of women.

TOPIC 18 – Poets and Pancakes

Cinema has a strong influence on society, and the lives of famous personalities portrayed in movies, web series, or documentaries often inspire people.

Write about any personality (positive or negative) portrayed in a biopic that you have recently watched and explain what lessons viewers can learn from it.

Also, write about the journey of Ramoji Film City, Hyderabad, in about 500 words.

TOPIC 19 – The Interview

Prepare a project based on a fictitious interview with Ruskin Bond or any author of your choice.

Economics

Barter Exchange Challenge: Try to "trade" three different items with your friends or family members without using money (e.g., a pen for a notebook). Document the difficulties you faced. This will help you visualize the "Double Coincidence of Wants" and the limitations of the Barter System.

Section 2: Practice Work

*Solve 5 numerical problems each for calculating National Income using the Value Added Method, Income Method, and Expenditure Method. Ensure you practice treatments of "Net Factor Income from Abroad" (NFIA) and "Depreciation."

Practice these questions

1. How does real flow consist of factor flow and product flow?
2. "Disposition phase of circular flow of income involves flow of factor income from firms to households" Justify the statement

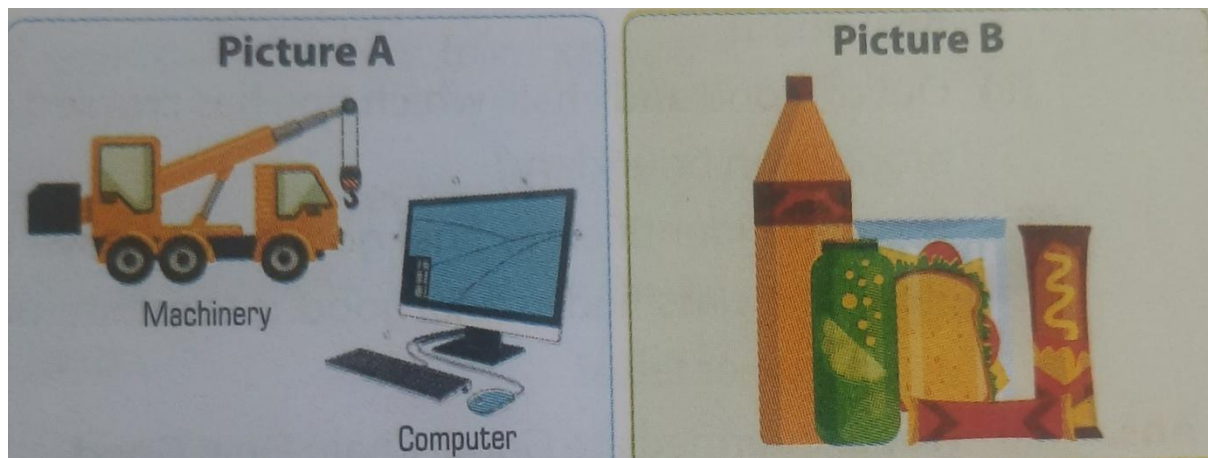
3. Differentiate between Micro economics and Macroeconomics.

4. What is meant by factor income to abroad? States its components

5. "Gross investment is always greater than net investment". Defend or refute the given statement with valid argument.

6. Ms Sarika is a retired government employee. Every month, she earns rental income from a property she owns. She

also invested in fixed deposit, which provides her with interest income. Occasionally, she receives cash transfer from her family members abroad. Classify, Ms Sarika's income as factor income or transfer income, giving valid reasons in support of your answer



7.

Answer the following questions from the given two pictures:

a) Identify the following as consumption goods and capital goods.

b) 'Capital goods have direct demand'. Is the given statement true or false give reason

c) _____ generally have an expected life of more than one year. (capital/consumption)

8. "Machine purchased is always a final good" Do you agree?

9. Which of the following expenditures are incurred on intermediate products and which are on the final product ?

a) purchase of tickets for train journey by an individual

b) purchase of eatables by a firm

c) purchase of wheat in the wholesale market.

9. Problem of Double Counting leads to overestimation of NI comments.

Chapter Money and Banking

1. "The value of all goods and services can be expressed in monetary unit" identify the function of money

2. Elaborate the Bank of Supervisor function performed by the Reserve Bank of India.

3. "The RBI announced a renewed rate hike in the August 2022 Monetary policy committee review. The repo rate was hiked by 50 % to 5.40%. The RBI Governor stated that inflation is the primary concern and stressed that in the near term will be observing a 4% inflation". Identify the likely cause and the consequences behind this type of action plan of RBI.

4. Read the following case and briefly explain the relevant function of the Central Bank .

"Recently the RBI of India's Monetary policy committee will take responsible measures including increase in Repo rate ,sale of Government security to keep inflation in a range."

Section 3: Real-Life Application

The Banking Walkthrough: Visit a nearby Commercial Bank (with a parent). Observe and list the different types of deposit accounts available. Collect a "Cheque Leaf" or an "Account Opening Form" and identify the key components like IFSC code, MICR code, and Account Number.

News Tracker: Clip at least 3 news articles from a business newspaper (like The Economic Times or Mint) related to RBI's latest monetary policy or India's GDP growth forecast. Write a brief summary of how these affect you as a consumer.

Section 4: Creative Task

PROJECT FILE

The expectations of the project work are that.

*Students will complete only one project. *Project should be of 3500-4000 words (excluding diagrams and graphs), preferably hand-written

*it will be independent self-directed pieces of study.

Expected checklist

Project file must comprise :

*Cover page

*Index

*Acknowledgement

*Certificate

*Basic introduction/About the research topic.

*Identifying the causes, consequences and remedies.

*Various stakeholders and effect on each of them

* Advantage and disadvantage of issues identified.

*Short term and long term implication of *Economics strategies suggested in the course of research.

*Bibliography:References etc.

Topics for the project file

- 1.Organic farming -Back to Nature.(Roll no (1- 4)
- 2.G-20:Inclusive and Action oriented (Roll no 5-8)
- 3.Role of RBI in control of credit (Roll no 9-12)
- 4.Alternative fuel- Type and Importance.(Roll no 13-16)
- 5.Rainwater Harvesting- A Solution to Tater Crisis (Roll no 17-20)
- 6.Comparison of India with its Neighbours (Roll no 21-24)
- 7.Goods and service Tax act in its impact on GDP (Roll no 25-28)
- 8.Waste management in India -Need of the hour(Roll no 29-32)
- 9.Rural development (Diversification of agriculture)(Roll no 33-36)
- 10.Digital India-Step toward the future (remaining students)

"Economics is everywhere, and understanding it is like having a superpower. Enjoy your holidays and stay curious!"

MATHS

Maths Holiday Homework will be uploaded separately

हिंदी / संस्कृत

- नई शिक्षा नीति 2020 में किए गए महत्वपूर्ण बिंदुओं को रेखांकित करते हुए एक फाइल प्रोजेक्ट तैयार कीजिए
- क्रिएटिव प्रोजेक्ट : एक मशहूर कवि पर ब्रोशर*
- अपनी पसंद के किसी भी एक मशहूर कवि पर एक आकर्षक और जानकारी भरा ब्रोशर डिज़ाइन करें। ब्रोशर में आपकी क्रिएटिविटी ,रिसर्च स्किल्स ,और कवि के जीवन और साहित्यिक योगदान की आपकी समझ झलकनी चाहिए।
- आपके ब्रोशर में ये डिटेल्स ज़रूर शामिल होनी चाहिए:
 - -कवि का परिचय
 - -बचपन और शुरुआती जीवन
 - -पारिवारिक पृष्ठभूमि
 - -जीवनशैली और व्यक्तित्व
 - -साहित्यिक रचनाएँ
 - -पुरस्कार और उपलब्धियाँ
 - -दिलचस्प बातें
 - -पसंदीदा कविता सेक्शन-
- कवि की कोई एक पसंदीदा छोटी कविता/अंश शामिल करें।
- *विजुअल प्रेजेंटेशन*-
- यह एक तीन-फोल्ड) ट्राइ-फोल्ड (ब्रोशर होना चाहिए ,जिसमें सही हेडिंग्स और सेक्शंस हों। प्रासंगिक तस्वीरों ,चित्रों ,उद्धरणों और क्रिएटिव लेआउट्स का इस्तेमाल करें। यह हाथ से बना होना चाहिए।
- छात्र नीचे दी गई लिस्ट में से कवियों को चुन सकते हैं:
 1. मीरा बाई
 2. हरिवंश राय बच्चन

3. सुमित्रा नंदन पंत

4. कुंवर नारायण सिंह

5. महादेवी वर्मा

संस्कृत विषय गृह कार्य

- पाठ्यक्रम मे शामिल संस्कृत कवियों/लेखकों की कृतियों का एक रचनात्मकता फाइल प्रोजेक्ट तैयार कीजिए
- पाठ्यक्रम मे शामिल संस्कृत कथा लेखन में से किही 4 कथाओं का चित्रों सहित वर्णन कीजिए।

Political Science

Analysis the Vidhan Sabha Election 2026 of West Bengal , Kerala, Tamilnadu, Assam, Puducherry and make a report.

MAP WORK DONE IN NOTE BOOK

1.Jawahar lal Nehru belongs to - u. P

2. Lal bahadur shastri - U. P

3. Choudhary charan singh - U P

4. K. Kamraj - Tamilnadu

5. S. Nijalingappa - karnataka

6. First state where non-congress government formed - Kerala

And also the state where non - congress government formed in 1957

7. C. Rajgopalchari first indian governor General - tamil nadu

8. Princely states resisted to be part of india - Junagarh (Gujarat), hyderabad (it may be given Telangana or Andhrapradesh)

Manipur , j&k

9. Green Revolution - U. P, Punjab, haryana - M.S. Swaminathan(1965)

10. Amul dairy cooperation or operation flood(white revolution) - Gujarat - Verghese Kurien

11. From Bombay state - Gujarat and Maharashtra - 1960

Nagaland - 1963

From Punjab -

Haryana and Himachal Pradesh 1966

Manipur, Tripura and Meghalaya - 1972

Sikkim - 1975

Mizoram, Arunachal Pradesh - 1987

Telangana formed from Andhra Pradesh - 2014

12. The state where first local or regional party formed government - Tamil Nadu - DMK formed in 1967 election

13. Laldenga belongs to - Mizoram

14. Zaphu Phizo belongs to - Nagaland

15. Carved out in 2000

Jharkhand carved out from Bihar

Chhattisgarh carved out from Madhya Pradesh

Uttarakhand from U. P.

16. The state which recently bifurcated into two union territories -

J&K

17. The state where Longwalk - Rajiv accord signed in 1985 - Punjab 18. Peace agreement - 1986

Rajiv Gandhi and Laldenga

Mizoram was granted full-fledged statehood

19. AASU - All Assam Students Union - 1979

Against illegal immigrants

20. ASSU and Asom Gana Sangram Parishad organised themselves as a regional party AGP - Asom Gana Parishad

21. Ram Manohar Lohiya - among the founder of Congress Socialist Party

Leader of the Socialist Party, Samyukta Socialist Party

Founder editor of Mankind and Jan

Belonged to U. P.

22. C. Natarajan - Tamil Nadu

Karpoori Thakur - Bihar CM

First state of north india which provide reservation to obc

N. Sanjeeva reddy - Andhrapradesh

V. V. Giri - odisha

23. Jaiprakash naryan - Bihar

Founder of bhartiya jan sangh - Shyama parshad Mukharjee

Founder of Cpi - M. N. Roy

Founder of Sawatantra party - C. Rajgopalchari

Learn and Write the same in the note book



English

ENGLISH CORE PROJECT WORK

General Instructions

- Prepare both pictorial and graphical presentations on the left-hand side of the project file.
- All information and data must be collected from authentic sources.
- Maintain neatness, creativity, and proper presentation throughout the project.

Key Components

1. **Cover Page** : Title, Student Name, Roll No., School Name
2. **Structure** : Acknowledgement, Certificate of Completion, Index, Introduction, Main Content (800 – 1000 word report), Conclusion and Bibliography.

- 3. Presentation :** Hand – written on A4 sheets with relevant photographs, charts and illustrations.

Presentation Guidelines

- Use colourful headings and subheadings.
- Add relevant pictures, charts, graphs, and newspaper cuttings wherever possible.
- Maintain proper margins and page decoration.
- Use neat handwriting and correct spellings.
- Mention the sources of information collected.
- Keep the project file clean, creative, and well-organized.

TOPIC 1 – The Last Lesson

Elaborate on the themes of linguistic chauvinism, procrastination, and the importance of time management.

Collect information about countries where people strongly value and preserve their mother tongue and cultural identity.

TOPIC 2 – The Lost Spring

Collect information about various slums in India, their living conditions, and the accessibility of education for children living there.

Discuss child labour among children below the age of 14 and explain how children are engaged in different kinds of work. Include information about the largest slum in India.

TOPIC 3 – Deep Water

Describe any personal experience related to a fear that once haunted you and explain how you overcame it.

Collect information about different types of fears faced by people in your locality and the methods they use to overcome them.

TOPIC 4 – My Mother at Sixty-Six

Collect information about old-age homes in India, their living conditions, facilities provided, and the number of old-age homes in the country.

TOPIC 5 – Journey to the End of the Earth

This chapter discusses environmental issues and the damage caused to nature by human activities.

Explain how today's youth can dedicate a part of their lives to environmental conservation. Collect information about major environmental issues and the role youth can play in solving them.

TOPIC 6 – Keeping Quiet

Collect information about the causes of environmental degradation and how human activities are harming the Earth.

Focus on the importance and relevance of meditation, silence, and introspection in modern life.

TOPIC 7 – Indigo

Collect information about different freedom movements and explain the significance of the Champaran Movement.

You may also write the biography or autobiography of any freedom fighter.

TOPIC 8 – A Thing of Beauty

Write about the benefits of being close to nature and explain why people find peace, happiness, and comfort in natural surroundings.

Collect information about important natural destinations in India.

TOPIC 9 – The Third Level

Explain why hurry and worry have become trademarks of modern life.

Discuss why today's life feels insecure and why people often wish to escape from reality.

Interview your school principal or counsellor to understand the problems of stress, fear, and anxiety faced by students, especially on virtual platforms.

TOPIC 10 – Aunt Jennifer's Tigers

Collect information about laws related to marriage in India and examine whether these laws are effectively implemented.

Include a suitable case study if possible.

TOPIC 11 – A Roadside Stand

The economic well-being of a country depends upon the balanced development of villages and cities.

Collect information about government schemes introduced for the upliftment of rural people and explain their important features and benefits.

TOPIC 12 – The Rattrap

Collect information about NGOs that are functioning successfully in your locality.

Discuss their role in making the world a better place to live in. Include a relevant case study.

TOPIC 13 – The Tiger King

Collect information about superstitious beliefs in India and discuss how prevalent these beliefs are in modern Indian society.

TOPIC 14 – The Enemy

This chapter highlights the conflict between human compassion and prejudices created during times of war.

Discuss the relevance of this theme during pandemic situations and in today's world.

TOPIC 15 – Going Places

The story describes the aspirations and dreams of youth along with the various career opportunities available today.

Write about the career you would like to choose and explain why. Collect information about different career options available for today's generation.

TOPIC 16 – On the Face of It

Collect information about different kinds of physical disabilities.

Prepare a report on people who overcame physical disabilities and achieved success in life through determination and courage.

TOPIC 17 – Memories of Childhood

Collect information about different forms of discrimination prevalent in society, including women's oppression, class barriers, racism, and the exploitation of women.

TOPIC 18 – Poets and Pancakes

Cinema has a strong influence on society, and the lives of famous personalities portrayed in movies, web series, or documentaries often inspire people.

Write about any personality (positive or negative) portrayed in a biopic that you have recently watched and explain what lessons viewers can learn from it.

Also, write about the journey of Ramoji Film City, Hyderabad, in about 500 words.

TOPIC 19 – The Interview

Prepare a project based on a fictitious interview with Ruskin Bond or any author of your choice.

ACCOUNTANCY

1. Make the project file as per topic assigned
2. Solve the assignment of chapter 1 to 3

Ch-1 Fundamentals of Partnership

Level 1

Q. Ajay, Binod and Chandra entered into partnership on 1st April 2019 with a capital of ₹3,00,000, ₹2,00,000 and ₹1,00,000 respectively. In addition to capital Chandra has advanced a loan of ₹1,00,000. Since they had no agreement to guide them, they faced following issues during and at the end of the year.

1. Ajay wanted interest on capital to be provided @8% pa but Binod and Chandra did not agree.
2. Chandra wanted that interest on loan be paid to him @ 10% pa but Ajay and Binod wanted to pay @ 5% pa.
3. Ajay and Binod demanded to share profits in the ratio of their capital contribution, Chandra is not in agreement with this proposal.
4. Binod, being working partner, demands a lump sum payment of ₹40,000 as remuneration for which the other two partners are not in agreement.

You are required to suggest and help them resolve these issues.

Level 2

1. The journal entry for transfer of profits to reserves will be:

(A) Reserves A/CDr.

To Profit & Loss Appropriation
A/C (B) Reserves A/CDr.

To Profit & Loss A/C

(C) Profit & Loss Appropriation A/CDr. To Reserves A/C

(D) Profit & Loss A/CDr.

To Reserves A/C

2. A partnership firm earned divisible profit of ₹ 5,00,000, interest on capital is to be provided to partner is ₹3,00,000, interest on loan taken from partner is ₹50,000 and profit-sharing ratio of partners is 5:3. Sequence the following in correct way:

A. Distribute profits between partners

B. Charge interest on loan to Profit and Loss A/c

C. Calculate the net profit Transfer to Profit and Loss appropriation A/C. D. Provide interest on capital

3.

From the following Balance Sheet of Dholu and Bholu, Calculate interest on capital @5% p.a for the year ended 31st March 2019.

Liabilities	Amt(Rs)	Assets	Amt(Rs)
Dholu Capital a/c	1,00,000	Sundry Assets	2,10,000
Bholu Capital a/c	80,000	Drawings (Dholu)	10,000
P & L Appropriation a/c(2018-2019)	40,000		
	<hr/>		<hr/>
	2,20,000		2,20,000

During the year ended 31st March 2019, Dholu's drawings were Rs 10,000 and Bholu's drawing were Rs 30,000. Profits for the year ended was Rs 60,000.

Level 3

1. Ishu, Vishu and Nishu are partners in a firm sharing profits and losses in the ratio of 2:3:5. Their fixed capitals were ₹1,50,000, ₹3,00,000 and ₹6,00,000 respectively. After the final accounts have been prepared it was discovered that interest on capital was credited to them @ 12% instead of 10%.

(A) Nishu's Current A/c will be Debited by ₹1,500.

(B) Nishu's Current A/c will be Credited by ₹1,500.

(C) Nishu's Capital A/c will be Credited by ₹1,500. (D) Nishu's Capital A/c will be Debited by ₹1,500.

2. Given below are two statements, one labelled as Assertion (A) and the other labelled as Reason (R) Assertion (A): Rent paid to partner is shown in P & L Appropriation A/c. Reason (R): Rent paid to partner is a charge against the profits.

In the context of the above statements, which one of the following is correct?

(A) (A) is correct, but (R) is wrong.

(B) Both (A) and (R) are correct.

(C) (A) is wrong, but (R) is correct.

(D) Both (A) and (R) are wrong

3. X, Y and Z are partners in a firm sharing profits and losses in the ratio of 6:4:1. X guaranteed a profit of ₹ 15,000 to Z. The net profit for the year ending March 31, 2021 was ₹ 99,000. Share of X in the profit of the firm will be : (a) ₹ 30,000

(b) ₹ 15,000

(c) ₹ 48,000

(d) ₹ 45,000

4. A, B, and C are partner's sharing profits in the ratio of 5:3:2. According to the partnership agreement C is to get a minimum amount of ₹ 18,000 as his share of profits every year .The net profit for the year ended 31st March, 2019 amounted to ₹50,000 .How much amount is contributed by A and B?

(A) ₹1,250; ₹3,750

(B) ₹4,000; ₹4,000

(C) ₹2,000; ₹5,000 (D) ₹5,000; ₹3,00

5. Which of the following is true regarding salary to a partner when the firm maintains fluctuating capital accounts?

(a) Debit Partner's Loan A/c. and Credit P&L Appropriation A/c.

(b) Debit P&L A/c. and Credit Partner's Capital A/c.

(c) Debit P&L Appropriation A/c. and Credit Partner's Current A/c. (d) Debit P&L Appropriation A/c. and Credit Partner's Capital A/c.

6. Sanjay, Sudha and Shakti are partners in a firm sharing profits in the ratio of 3:1:1. Their fixed capital balances are ₹4,00,000, ₹1,60,000 and ₹1,20,000 respectively. Net profit for the year ended 31st March,

2020 distributed amongst the partners was ₹1,00,000, without taking into account the following adjustments:

(a) Interest on capitals @ 2.5% p.a. (b) Salary to Sanjay

₹18,000 p.a. and commission to Shakti ₹12,000.

(c) Sanjay was allowed a commission of 6% of divisible profit after charging such commission.

Pass a rectifying journal entry in the books of the firm. Show workings Clearly

7. A, B and Care partners share profits and losses in the ratio of 3:2:1. Their capitals ₹1,00,000, ₹75,000 and ₹50,000 respectively. They agreed to allow interest on capital @ 10 % p.a. and agreed to charge interest on drawings @10% p.a. Their drawings for the year were ₹10,000, ₹8,000 and ₹6,000 respectively. C was very active getting a salary of ₹2,000 per month and in return, he guaranteed that firm's profit would not be less than ₹80,000 before charging or allowing interest and salary payable to C. Actual profit for the year 2011 was ₹75,000. Prepare Profit and Loss Appropriation Account and Partners Capital Account

8.

X and Y started a partnership firm on 1st Dec.2021. Their capitals were ₹ 6,00,000 and ₹ 4,50,000 respectively. On 1st Jan.2022 X advanced a loan of ₹ 1,00,000 to the firm. It was agreed that:

- i. Interest on Partner's Loan will be paid @ 10% p.a.
- ii. Rent will be paid to Y ₹ 2,000 per month (for providing office space to the firm)
- iii. Interest on drawings to be charged @ 10% p.a. Interest on capital allowed @ 8% p.a. as charge.
- iv. Manager will get a commission of 10% on the net profit after charging such commission.

Drawings made by X and Y during the year ₹ 3,000 and ₹ 4,000 respectively. A fine of ₹ 650 was charged from Y for competing with the firm. Profit during the year was ₹ 16,000.

Show the distribution of profit/loss when interest on capital is to be allowed whether firm incurs a loss.

Case Base

Questions 9 to 12 are based on following case:-

Amar, Binod and Chaman are in trading business of Jute and Jute products. They have been sharing profits equally up to the year ended 31st March, 2020. They reconstituted the firm and profit-sharing ratio was changed to 3:2:1. Chaman being a working partner demanded that he should be paid annual salary of ₹ 75,000. The partners did not agree to salary demanded by Chaman but agreed to give him minimum guaranteed profit of ₹ 60,000. Their capitals as on 1st April, 2020 were ₹ 5,00,000, ₹ 4,00,000 and ₹ 3,00,000 respectively. Profit for the year ended on 31st March, 2021 was ₹ 3,00,000. Answer the following questions (9-12) on the basis of above.

9.

What will be partners' profit share if Chaman's share of profit is guaranteed at ₹ 60,000?

- a) ₹ 1,50,000, ₹ 90,000, ₹ 60,000
- b) ₹ 1,90,000, ₹ 50,000, ₹ 60,000
- c) ₹ 1,60,000, ₹ 80,000, ₹ 60,000
- d) ₹ 1,44,000, ₹ 96,000, ₹ 60,000

10.

What will be partners' profit share if deficiency in Chaman's profit share is to be borne by Amar and Binod in the ratio of 4:1?

- a) ₹ 1,50,000, ₹ 90,000, ₹ 60,000
- b) ₹ 1,42,000, ₹ 98,000, ₹ 60,000
- c) ₹ 1,44,000, ₹ 96,000, ₹ 60,000
- d) ₹ 1,20,000 ₹ 1,20,000, ₹ 60,000

11.

What will be partners' profit shares, if Chaman's share of profit is guaranteed by Amar personally?

- a) ₹ 1,40,000, ₹ 1,00,000, ₹ 60,000
- b) ₹ 1,44,000, ₹ 96,000, ₹ 60,000
- c) ₹ 1,60,000, ₹ 80,000, ₹ 60,000
- d) ₹ 1,20,000, ₹ 1,20,000, ₹ 60,000

12.

What will be partners' profit shares, if Chaman's share of is guaranteed after allowing interest on capital @ 6% p.a.

- a) ₹ 1,09,600, ₹ 56,400, ₹ 60,000
- b) ₹ 89,600, ₹ 76,400, ₹ 60,000
- c) ₹ 99,600, ₹ 66,400, ₹ 60,000
- d) ₹ 1,00,800, ₹ 67,200, ₹ 60,000

13. Assertion: Ram spends thrice the time that Yami devoted to business. Ram claims that he should get salary of Rs.5,000/- p.m. for extra time spent.

Reason: As there is no partnership deed Partnership Act 1932 applies and as per the Act partners will not be allowed any salary or remuneration.

- (A) Both A and R true and R is the correct explanation of A.
- (B) Both A and R are true but R is not the correct explanation of A
- (C) A is true and R is false
- (D) A is false and R is true

14. Assertion (A) : Fixed Capital Accounts of a partner never shows a debit balance inspite of regular and consistent losses year after year.

Reason (R) : When Capital Accounts are fixed , losses are recorded in Partners' Current Account.

- (a) Both A and R are true and R is the Correct explanation of A
- (b) Both A and R are true and R is not the correct explanation of A
- (c) A is true but R is false
- (d) A is false but R is true

Ch-2 Change in Profit sharing ratio among partners

LEVEL 1

1. Reconstitution of a Partnership firm takes place in following situation:

- (a) Change in Profit Sharing Ratio (b) Admission of a Partner
(c) Retirement/ death of a partner (d) All of these

2. Formula to calculate Sacrificing Ratio:

- (a) New Ratio – Old Ratio (b) Old Ratio- New Ratio
(c) Gaining Ratio- New Ratio (d) None of these

3. A, B, C and D are partners sharing profits and losses equally. They decided to share future profits in the ratio of 4:3:2:1. Calculate their sacrificing/gaining ratio.

4. Amit, Sumit and Namit are partners sharing profits as 3:2:1. They agreed that in future, Sumit will get $\frac{1}{5}$ th share in profits. Calculate the new profit sharing ratio and sacrifice/ gain ratio of partners.

5. Ram and Shyam are partners sharing profits in the ratio of 3:1 now decided to share future profits in the ratio 5:3. Goodwill of the firm was valued at Rs.64,000. Pass necessary journal entry for the treatment of goodwill.

6. State the ratio in which the partners share the accumulated profits when there is a change in the profit sharing ratio amongst the existing partners.

LEVEL 2

1. Define Investment Fluctuation Reserve.

2. Arrange the following steps in their ascending order in the context of reconstitution of partnership:

- (i) Preparation of Partners' Capital Accounts
(ii) Preparation of Balance Sheet of reconstituted firm
(iii) Revaluation of assets and Reassessment of Liabilities
(iv) Preparation of Bank Account

- (a) (i); (iii); (ii); (iv) (b) (iii); (ii); (iv); (i)
(c) (iv); (iii); (ii); (i) (d) (iii); (i); (iv); (ii)

3. Janaki, Nandani and Anmol partners in a firm sharing profits in the ratio of 3:2:1 now decided to share future profits as 2:2:1. To give effect to the new profit sharing ratio, they decided to value goodwill at Rs.60,000. What will be the necessary Journal entry if goodwill does not appear in the old Balance Sheet?

(a) Nandani's Capital A/c	Dr. 4,000	
Amol's Capital A/c	Dr. 2,000	
	To Janaki's Capital A/c	6,000

(b) Goodwill A/c	Dr. 60,000	
	To Janaki's Capital A/c	30,000
	To Nandani's Capital A/c	20,000
	To Anmol's Capital A/c	10,000

(c) Janaki's Capital A/c	Dr.	24,000	
Nandani's Capital A/c	Dr.	24,000	
Anmol's Capital A/c	Dr.	12,000	
	To Goodwill A/c		60,000
(d) Janaki's Capital A/c	Dr.	6,000	
	To Amol's Capital A/c		2,000
	To Nandanii's Capital A/c		4,000

4. Assertion (A): Change in the profit sharing ratio among the existing partners results in a change in their existing agreement.

Reason (R): Change in Profit sharing ratio among partners results in a gain of additional share in future profits for some partners, while a loss of a part for other partners.

Which of the following is correct?

- (a) Assertion (A) is correct, (R) is wrong
- (b) Both (A) and (R) are correct, but (R) is not the correct explanation of (A)
- (c) Both (A) and (R) are incorrect
- (d) Both (A) and (R) are correct and (R) is the correct explanation of (A)

5. P and Q are sharing profit and losses equally .With effects from current year they decided to share profits in the ratio of 4:3. Calculate individual partner's gain and Sacrifice

- (a) P gains 1/12th share and Q sacrifices 1/14th share
- (b) P gains 1/14th share and Q sacrifices 1/14th share
- (c) P gains 1/10th share and Q sacrifices 1/14th share
- (d) P gains 1/15th share and Q sacrifices 1/14th share

6. Nitya, Vidya and Kavita are partners sharing profits as 2:2:1. They decided to change their profit sharing ratio in future for which they passed following adjustment entry for goodwill:

Journal Entry

Nitya's Capital A/c	Dr. (3,00,000 x 3/25)	36,000	
Kavita's Capital A/c	Dr. (3,00,000 x 2/25)	24,000	
	To Vidya's Capital A/c (3,00,000 x 5/25)		60,000

(Adjustment of goodwill on change in PSR)

Calculate new profit sharing ratios of the partners.

LEVEL 3

1. Satish and Taruna were partners in a firm sharing profits and losses in the ratio of 3 : 2. From 1st April, 2018 they decided to share profits equally. On that date, their Balance Sheet showed a credit balance of ₹ 35,000 in workmen compensation fund and ₹ 40,000 in general reserve. The goodwill of the firm on that date was valued at ₹ 50,000. The firm accepted a claim of ₹ 40,000 for workmen compensation.

Pass necessary journal entries for the above transactions on the reconstitution of the firm.

2. 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:

(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.

Pass the necessary journal entries for the above changes.

3. X, Y and Z are partners sharing profits and losses in the ratio of 5:3:2. They decide to share future profits and losses in the ratio of 2:3:5 with effect from 1st April 2019. Following items appear in the balance sheet as at 31st March 2019:

General Reserve Rs.75,000; Advertisement Suspense A/c (Dr.) Rs.50,000; Workmen Compensation Reserve Rs.12,000; Profit & Loss A/c Rs.37,500

Pass the necessary journal entries when

(i) Partners do not want to show above items in revised Balance Sheet.

(ii) Partners want to show above items in revised Balance Sheet.

4. X, Y and Z share profits as 5 : 3 : 2. They decide to share their future profits as 4 : 3 : 3 with effect from April 1, 2019,. On this date the following revaluations have taken place:

	Book Value (Rs.)	Revised Value (Rs.)
Investments	22,000	25,000
Plant and Machinery	25,000	20,000
Land and Building	40,000	50,000
Outstanding Expenses	5,600	6,000
Sundry Debtors	60,000	50,000
Trade Creditors	70,000	60,000

Pass necessary adjustment entries for above changes.

5. Ram, Shyam and Hari were in partnership sharing profits in the ratio of 3:2:1. The Balance Sheet as at 31.3.2023 was as follows :

BALANCE SHEET as at 31.3.2023

Liabilities	(Rs)	Assets	(Rs)
Bills Payable	20,000	Cash	40,000
Creditors	20,000	Bills Receivable	5,000
General Reserve	30,000	Debtors	15,000

Liabilities		(Rs)	Assets	(Rs)
Capitals			Stock	50,000
Ram	50,000		Furniture	20,000
Shyam	30,000		Machinery	30,000
Hari	25,000	1,05,000	Goodwill	15,000
		1,75,000		1,75,000

On 1.4.2023 partners decided to share profits equally. For this purpose it was further agreed that.

1. Goodwill of the firm should be valued at Rs 30,000.
2. Furniture and Machinery is to be revalued at Rs 25,000 and Rs 35,000 respectively.
3. Value of Stock is to be reduced by Rs 4,000.

You are required to give necessary journal entries to give effect to the above arrangement and prepare

Revaluation Account, Partners' Capital Accounts and Balance Sheet of the firm after reconstitution.

Ch-4 Admission of a Partner

LEVEL 1

1. Sacrificing Ratio is:
 - (a) Old Profit sharing ratio – New Profit sharing ratio
 - (b) New Profit sharing ratio – Old Profit sharing ratio
 - (c) Equal to old profit sharing ratio
 - (d) Equal to new profit sharing ratio

2. At the time of admission of a partner, General Reserve is transferred to:
 - (a) The debit of Old Partners' Capital Accounts
 - (b) The credit of Old Partners' Capital Accounts
 - (c) Revaluation A/c
 - (d) The credit of all Partners' Capital Accounts

3. X and Y are partners sharing profits and losses in the ratio of 3:2. They admit Z as a new partner and give him 2/10th share in the profits. The new profit sharing ratio will be:
 - (a) 12:8:5
 - (b) 3:2:2
 - (c) 3:2:5
 - (d) 2:1:2

4. Unrecorded assets or Liabilities are transferred to:
 - (a) Partners' Capital Accounts
 - (b) Revaluation Account
 - (c) Profit & Loss Account
 - (d) Partners' Current Account

- (c) Both (A) and (R) are incorrect
(d) Both (A) and (R) are correct and (R) is the correct explanation of (A)

5. A and B are partners in a firm sharing profits and losses in the ratio of 7:5. C is admitted into the partnership for $\frac{1}{6}$ th share which he acquires $\frac{1}{24}$ th share from A and $\frac{1}{8}$ th share from B. C does not pay anything for his share of goodwill. On C's admission firm's goodwill was valued at Rs.1,80,000. Credit will be given to :

- (a) A Rs.22,500; B Rs.7,500
(b) A Rs.7,500; B Rs.22,500
(c) A Rs.45,000; B Rs.1,35,000
(d) A Rs.1,35,000; B Rs.45,000

6. When a new partner does not bring his share of goodwill in cash, the amount is debited to :

- (a) Cash A/c
(b) Premium for goodwill A/c
(c) Current A/c of the new partner
(d) Capital A/c's of the old partners

7. If, at the time of admission, the revaluation A/c shows a profit, it should be credited to :

- (a) Old partners' capital accounts in the old profit sharing ratio.
(b) All partners' capital accounts in the new profit sharing ratio.
(c) Old partners' capital accounts in the new profit sharing ratio.
(d) Old partners' capital accounts in the sacrificing ratio.

8. A and B are partners in a firm sharing profits and losses in the ratio of 3:2. They decide to admit C into partnership with $\frac{1}{4}$ share in profits. C will bring in Rs. 30,000 for capital and the requisite amount of goodwill premium in cash. The goodwill of the firm is valued at Rs. 20,000. The new profit sharing ratio is 2:1:1. A and B withdraw their share of goodwill. Give necessary journal entries.

LEVEL 3

1. Arti and Bharti are partners in a firm sharing profits in 3:2 ratio, They admitted Sarthi for $\frac{1}{4}$ share in the profits of the firm. Sarthi brings Rs. 50,000 for his capital and Rs. 10,000 for his $\frac{1}{4}$ share of goodwill. Goodwill already appears in the books of Arti and Bharti at Rs. 5,000. the new profit sharing ratio between Arti, Bharti and Sarthi will be 2:1:1. Record the necessary journal entries in the books of the new firm.

2.. Mohan Lal and Sohan Lal were partners in a firm sharing profits and losses in 3:2 ratio. They admitted Ram Lal for $\frac{1}{4}$ share on 1.1.2003. It was agreed that goodwill of the firm will be valued at 3 years purchase of the average profits of last 4 years which were Rs. 50,000 for 2003, Rs. 60,000 for 2004, Rs. 90,000 for 2005 and Rs. 70,000 for 2006. Ram Lal did not bring his share of goodwill premium in cash. Record the necessary journal entries in the books of the firm on Ram Lal's admission when:

- (a) Goodwill already appears in the books at Rs. 2,02,500.
(b) Goodwill appears in the books at Rs. 2,500.
(c) Goodwill appears in the books at Rs. 2,05,000.

3. Ram and Rahim are partners in a firm sharing profits & losses in the ratio of 3:2. On 1st April, 2023, they admit Raj as a new partner. The new profit sharing ratio will be 5:5:3. Raj contributed the following assets for his capital and his share of premium for goodwill:

Land Rs.2,50,000; Plant & Machinery Rs.1,50,000; Stock Rs.80,000; Debtors Rs.70,000. On the date of Raj's admission, goodwill of the firm was valued at Rs.5,20,000. Record necessary journal entries in the books of the firm.

4. A,B and C are partners sharing profits in 2:2:1. On 1st April, 2020, they admitted Z for 1/4th share. On the date of admission, the following items appeared in their balance sheet :

	Rs.
General Reserve	1,50,000
Workmen Compensation Reserve	40,000
Profit & Loss A/c (Cr.)	60,000
Advertisement Suspense A/c (Dr.)	25,000

Pass necessary journal entries.

5. Rajesh and Ravi are partners sharing profits in the ratio of 3:2. Their Balance Sheet as at 31st March, 2024 was as follows:

BALANCE SHEET as at 31.3.2024

Liabilities	Rs.	Assets	Rs.
Creditors	3,85,000	Cash	20,000
Outstanding liabilities	40,000	Stock	1,50,000
Capitals :		Prepaid Insurance	15,000
Rajesh 2,90,000		Debtors 94,000	
Ravi 1,50,000	4,40,000	Less : Provision <u>(4,000)</u>	90,000
		Machinery	1,90,000
		Buildings	3,50,000
		Furniture	50,000
	8,65,000		8,65,000

Raman is admitted as a new partner on 1st April, 2024 introducing a capital of Rs.1,60,000. The new profit-sharing ratio is decided as 5:3:2. Raman is unable to bring in any cash for Goodwill. So, it is decided to value the goodwill on the basis of Raman's share in the profits and Capital contributed by him. Following revaluations are made :

- (a) Stock to depreciate 5%.
- (b) Provision for doubtful debts is to be Rs.5,000.
- (c) Furniture to depreciate 10%.
- (d) Buildings are valued at Rs.4,00,000.

Prepare Revaluation A/c, Capital A/c's and the Balance Sheet of the reconstituted firm.

6. A and B are partners in a firm sharing profits and losses in the proportion of 3:2. Their Balance Sheet as at 31st March, 2023 was as follows:

Liabilities	Rs.	Assets	Rs.
Sundry Creditors	63,000	Cash at Bank	5,000
Outstanding Salaries	4,000	Sundry Debtors 30,000	
General Reserve	10,000	Less : Provision 1,000	29,000
Capital : A	50,000	Stock	40,000
B	30,000	Trade Marks	8,000
		Building	75,000
	1,57,000		1,57,000

On 1st April, 2023, They agree to admit C as a new partner on the following terms :

- (a) C will be given 2/9th share of profit and he will bring Rs.50,000 for his share of capital and goodwill.
- (b) Goodwill of the firm will be calculated at 2.5 year's purchase of the average super profits of last four years. Profits of the last four years are Rs.40,000; Rs.40,000; Rs.55,000 and Rs.65,000 respectively. Normal profits that can be earned with the capital employed are Rs.14,000.
- (c) Half the amount of goodwill is withdrawn by old partners.
- (d) 15% of the general reserve is to remain as a provision against doubtful debts.
- (e) Outstanding salaries be increased to Rs.16,000, stock is overvalued by 25% and building is undervalued by 25%. Trade marks be written off by 50%.
- (f) New profit sharing ratio of partners will be 4:3:2.

Prepare Revaluation Account, capital Accounts and the opening balance sheet of the new reconstituted Firm. Also Pass Journal entries.

BUSINESS STUDIES

1 Solve the assignment of chapter 1 to 4

2 Make the Project file as per topic assigned.

Nature and Significance of Management

Case Study 1:

Harmony Ltd. is a large manufacturing company employing over 500 workers. Recently, the company has been facing issues such as lack of coordination between departments, low employee morale, and declining productivity. The production department blames the sales department for unrealistic targets, while the sales team complains about delays in production. The top management realized that despite having adequate resources, the absence of proper management practices is affecting performance. To overcome these issues, the company introduced better planning, organizing, directing, and controlling mechanisms. It also focused on improving leadership, communication, and employee motivation.

- (1) Identify and explain any two functions of management highlighted in the case.
- (2) Explain how management helps in improving coordination and productivity.
- (3) State any two points showing the importance of management in this situation.

Case Study 2:

Sunrise Pvt. Ltd. is growing rapidly in the competitive market. The company emphasizes achieving organizational goals while also taking care of employee satisfaction. Managers ensure proper utilization of resources and continuously adapt to changes in the business environment. They believe that management is not a one-time activity but a continuous and dynamic process. As a result, the company has been able to maintain efficiency and achieve success.

- (1) Explain any two features of management reflected in the case.
- (2) How does management help in achieving group goals?
- (3) State two importance of management in a dynamic business environment.

Principles of Management

Case Study 1:

Delta Ltd. has been facing operational inefficiencies due to confusion among employees. Workers often receive instructions from multiple supervisors, leading to delays and conflicts. Additionally, there is no proper division of work, and employees are not motivated. The management decided to implement Fayol's principles such as unity of command, division of work, and discipline to improve the situation. Gradually, the company observed better coordination and increased efficiency.

- (1) Identify the principles of management highlighted in the case.
- (2) Explain the importance of unity of command and division of work.
- (3) How do principles of management help in improving efficiency?

Case Study 2:

Growth Enterprises believes in fair treatment of employees, encouraging initiative, and promoting team spirit. Employees are rewarded based on their performance, and there is a strong sense of unity within the organization. As a result, the company has achieved higher productivity and employee satisfaction.

- (1) Identify any two principles of management followed in the case.
- (2) Explain the importance of these principles.
- (3) How do these principles contribute to organizational success?

Business Environment

Case Study 1:

GreenTech Ltd. operates in a rapidly changing business environment. Recently, the government introduced new environmental regulations, and technological advancements forced the company to upgrade its machinery. At the same time, changing consumer preferences increased demand for eco-friendly products. The company adapted to these changes by modifying its production process and introducing new products.

- (1) Identify the different components of business environment mentioned in the case.
- (2) Explain the importance of understanding business environment.
- (3) How does business environment help in identifying opportunities and threats?

Case Study 2:

EcoWorld Pvt. Ltd. failed to monitor changes in the economic and social environment. Due to economic slowdown and changing customer preferences, the company faced losses. Later, the management started analyzing environmental factors regularly and made necessary changes in strategies.

- (1) Explain any two features of business environment.
- (2) Why is environmental scanning important for business?
- (3) How does business environment influence business decisions?

Planning

Case Study 1:

Future Vision Ltd. follows a systematic planning process before taking any major decision. The company sets objectives, identifies various alternatives, evaluates them carefully, and selects the best course of action. It also reviews its plans regularly to ensure they remain relevant in a changing environment. This approach has helped the company achieve its goals efficiently.

- (1) Explain the steps involved in the planning process with reference to the case.
- (2) State any two importance of planning.

(3) How does planning contribute to flexibility and better decision-making?

Case Study 2:

Dynamic Solutions Ltd. prepared detailed plans for expansion, but due to sudden market changes, the plans became ineffective. The company realized that planning has certain limitations, such as rigidity and uncertainty. It then adopted flexible planning techniques to cope with changes.

(1) Explain any two limitations of planning.

(2) Differentiate between single-use and standing plans (any two points).

(3) Suggest how planning can be made more effective in a dynamic environment.

Economics

Section 1: Fun Learning Activities

Barter Exchange Challenge: Try to "trade" three different items with your friends or family members without using money (e.g., a pen for a notebook). Document the difficulties you faced. This will help you visualize the "Double Coincidence of Wants" and the limitations of the Barter System.

Section 2: Practice Work

*Solve 5 numerical problems each for calculating National Income using the Value Added Method, Income Method, and Expenditure Method. Ensure you practice treatments of "Net Factor Income from Abroad" (NFIA) and "Depreciation."

Practice these questions

1. How does real flow consist of factor flow and product flow?

2. "Disposition phase of circular flow of income involves flow of factor income from firms to households" Justify the statement

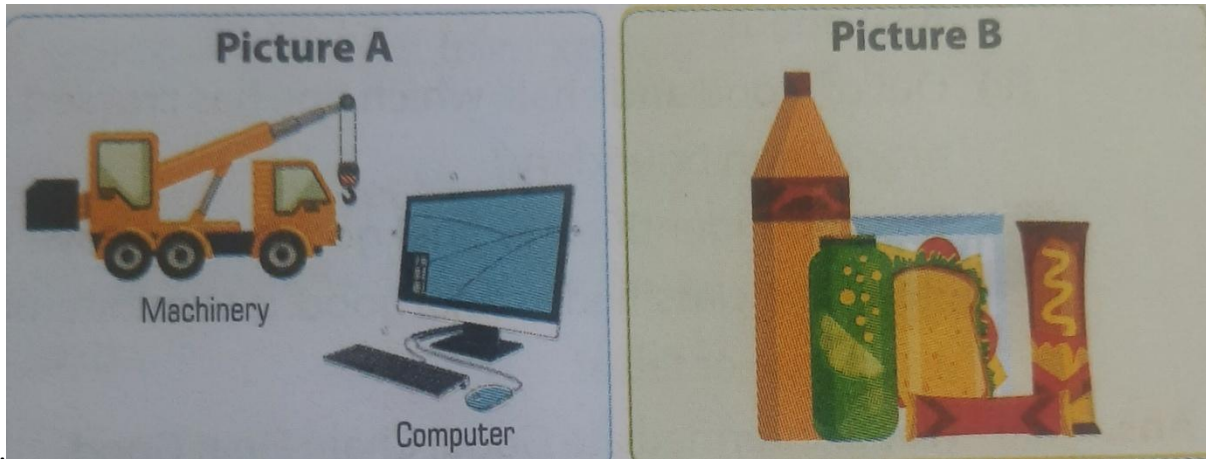
3. Differentiate between Micro economics and Macroeconomics.

4. What is meant by factor income to abroad? States its components

5. "Gross investment is always greater than net investment". Defend or refute the given statement with valid argument.

6. Ms Sarika is a retired government employee. Every month, she earns rental income from a property she owns. She

also invested in fixed deposit, which provides her with interest income. Occasionally, she receives cash transfer from her family members abroad. Classify, Ms sarika's income as factor income or transfer income, giving valid reasons in support of your answer



7.

Answer the following questions from the given two pictures:

- a) Identify the following as consumption goods and capital goods.
- b) 'Capital goods have direct demand'. Is the given statement true or false give reason
- c) _____ generally have an expected life of more than one year. (capital/consumption)

8. "Machine purchased is always a final good" Do you agree?

9. Which of the following expenditures are incurred on intermediate products and which are on the final product ?

- a) purchase of tickets for train journey by an individual
- b) purchase of eatables by a firm
- c) purchase of wheat in the wholesale market.

9. Problem of Double Counting leads to overestimation of NI comments.

Chapter Money and Banking

1. "The value of all goods and services can be expressed in monetary unit" identify the function of money

2. Elaborate the Bank of Supervisor function performed by the Reserve Bank of India.

3. "The RBI announced a renewed rate hike in the August 2022 Monetary policy committee review. The repo rate was hiked by 50 % to 5.40%. The RBI Governor stated that inflation is the primary concern and stressed that in the near term will be observing a 4% inflation". Identify the likely cause and the consequences behind this type of action plan of RBI.

4. Read the following case and briefly explain the relevant function of the Central Bank .

"Recently the RBI of India's Monetary policy committee will take responsible measures including increase in Repo rate ,sale of Government security to keep inflation in a range."

Section 3: Real-Life Application

The Banking Walkthrough: Visit a nearby Commercial Bank (with a parent). Observe and list the different types of deposit accounts available. Collect a "Cheque Leaf" or an "Account Opening Form" and identify the key components like IFSC code, MICR code, and Account Number.

News Tracker: Clip at least 3 news articles from a business newspaper (like The Economic Times or Mint) related to RBI's latest monetary policy or India's GDP growth forecast. Write a brief summary of how these affect you as a consumer.

Section 4: Creative Task

PROJECT FILE

The expectations of the project work are that.

*Students will complete only one project. *Project should be of 3500-4000 words (excluding diagrams and graphs),preferably hand-written

*it will be independent self-directed pieces of study.

Expected checklist

Project file must comprise :

*Cover page

*Index

*Acknowledgement

*Certificate

*Basic introduction/About the research topic.

*Identifying the causes, consequences and remedies.

*Various stakeholders and effect on each of them

* Advantage and disadvantage of issues identified.

*Short term and long term implication of *Economics strategies suggested in the course of research.

*Bibliography:References etc.

Topics for the project file

1.Organic farming -Back to Nature.(Roll no (1- 4)

2.G-20:Inclusive and Action oriented (Roll no 5-8)

3.Role of RBI in control of credit (Roll no 9-12)

4.Alternative fuel- Type and Importance.(Roll no 13-16)

5.Rainwater Harvesting- A Solution to Tater Crisis (Roll no 17-20)

6.Comparison of India with its Neighbours (Roll no 21-24)

7. Goods and service Tax act in its impact on GDP (Roll no 25-28)

8. Waste management in India -Need of the hour(Roll no 29-32)

9. Rural development (Diversification of agriculture)(Roll no 33-36)

10. Digital India-Step toward the future (remaining students)

"Economics is everywhere, and understanding it is like having a superpower. Enjoy your holidays and stay curious!"

Maths

Maths Holiday Homework will be uploaded separately

Computer

1. WAP to display a Fibonacci series. The first two numbers and the length of the will be entered by the user.
2. WAP to Input a string and determine whether it is a palindrome or not.
3. WAP to input a list of numbers and swap elements at even locations with the elements at the odd location.
4. WAP to find and display the sum of all the integers ending with 2 in a list.
5. WAP to create a dictionary with the roll number, name and marks of n students in a class and display the names of students who have marks above.
6. WAP to check if the number entered by the user is Prime or not. Pass N as Argument to the function.
7. WAP with function `remove_even(list_num)` that takes the list with numbers as parameter and returns the updated list after removing the even values in the list.

8. Read a file abc.txt and display the number of characters/ vowels/ consonants/ uppercase/lowercase/ digits present in the file.

9. WAP to read a text file abc.txt and copy all the words that start with the Character 'T' and write it to another file bcd.txt.

10. WAP to read a file abc.txt and count and display the occurrence of the word "my" in the file.

11. WAP to create a binary file with name and roll number. Search for a given roll number and display the name, if not found display an appropriate message.

12. WAP to create a binary file with roll number, name and marks. Input a roll number and update the marks.

13. Create a table student with following attributes:

Table: student

Column Names	DataType	Constraints, if any
Id	integer	Primary key
Name	varchar(20)	Not null
Marks	float	-
DOB	date	-
Gender	char	-
adhaar_id	integer	NOT NULL, unique

14. Frame the SQL queries for the following:

a) To create a database sidheshwar.

b) To use the database sidheshwar.

c) To delete the database sidheshwar.

d) To display the list of databases.

- e) To display the list of tables.
- f) To display the structure of the table student.
- g) To delete the table student.
- h) To add a new column code(type: integer) in table student.
- i) To delete column code(type: integer) from table student.
- j) To set an existing column id as primary key in table student.
- k) To delete an existing column id as primary key from table student.

15. Table: GAMES

GCode	GameName	Number	PrizeMoney	cheduledDate
101	Kabaddi	2	5000	23-Jan-2007
102	Badminton	2	12000	12-Dec-2013
103	Table Tennis	4	8000	14-Feb-2014
105	Chess	NULL	9000	1-Jan-2015
108	Table Tennis	4	25000	19-Mar-2014

Table: PLAYER

PCode	Name	GCode	City
1	Ravi Shankar	101	Delhi
2	Amir	108	Mumbai

3	Jatin	101	Mumbai
4	Shahrukh	103	Agra

- A. Display the data of the entire table GAMES.
- B. To display details of those games which have PrizeMoney more than 7000.
- C. To display the content of the Games table in ascending order of ScheduledDate.
- D. To count and display the number of GameName from the Games table.
- E. To display the details having $102 \leq GCode \leq 105$ from table PLAYER.
- F. To display the details of the Players from city delhi, Mumbai, Agra.
- G. Display the details of the Player Jatin from Mumbai.
- H. To find the average of PrizeMoney from the table Games.
- I. To display the details of the player whose name starts from 'S'.
- J. Find the maximum and the minimum ScheduledDate.
- K. Increase the PrizeMoney of TableTennis by Rs. 500
- L. Display GameName and Name from tables Games and Player.
- M. Display the details of the GAMES having Number as NULL.
- N. Delete the record of Amir from Mumbai
- O. Insert a new record table PLAYER (5, Vansh, 108, 'Nagpur')
- P. Calculate and Display the tax on PrizeMoney. The tax will be calculated as 10% of the PrizeMoney. The heading of the output column should be 'Tax'.