



St. Vivekanand Lotus Valley Public school

SESSION 2023-24

CLASS – IX

HOLIDAY HOMEWORK

AND

ASSIGNMENT

HOLIDAY HOMEWORK

Summer comes with a bagful of opportunities for Students to rest and enjoy. Each child excitedly waits for vacations. Summer break is the most fun time of the year as this is the time we explore and learn new and exciting things.

It is crucial to plan for more fun, creative and recreational activities for the vacations. It is highly significant as vacations help students acquire new skills and become more productive. Student can indulge in different activities that can groom their personality and boost up the confidence level.

Learning in a positive environment not only essential for the growth of knowledge but also growth in behavior of students.

By adapting good manners students can make a positive impression of their behavior on those around them. They are lifelong assets and should be practiced until they become habit. The four magical words children can make a difference in their behavior.

Please, Sorry, Thank you, Excuse me.

Useful Guidance

- Watch informative programs.
- Set limits to use smart phone and focus on learning by doing.
- Work on building up your strength with the help of innovative ideas to develop your mental skills.
- Instill enough discipline in yourself to achieve success in life.

Healthy Habits

- Early to bed and early to rise.
- *Take good care of health and daily hygiene.*
- *Avoid junk food and prefer homely food.*
- *Stay hale and hearty.*
- Keep your surroundings and environment clean.

Moral Values

- Pray daily.
- Make an exercise or yoga of your continuous habit.
- Touch your elders feet daily in the morning.
- Obey your elders.
- Show respect for juniors and seniors both.

Set Priorities

- Prepare a schedule.
- Plan at least 2 hours of study time to work on assignments.
- Manage your time.
- Do your homework systematically by yourself.

Holiday Homework with pleasure rather than pressure

English :

Assignment work:- Do solve following page numbers

1. Reading page number 3 to 21
2. Writing:- page number 80 to 92& pg no 132 to 142
3. Grammar
 - a. Tenses:- page no.168 to175
 - b. Active and passive voice:-page no. 214,215
 - c. Determiners:- pg no.203,204,205
 - d. Literature:- pg no. 258 to 271,338 to 343,pg no- 302to 307& 312 to 315

Learning

Beehive (Prose)

Chapter- The Fun They Had

Chapter- The Sound of Music

Chapter- The Little Girl

Poetry

The Road not Taken, Rain On The Roof

Moments

Chapter- The Lost Child

Chapter- The Adventure of Toto

Revise short and long question answer and extract based on the chapters

Project work

- Make a project file on Robert Frost
- Write down the biography, Childhood, famous poems, Awards and facts A-4 sheet only
- Write down a famous poem of Robert Frost on A4 sheet
- The students are directed to read English newspaper and magazines daily and update themselves with the current affairs.

Hindi :

1. बचेंद्री पाल का जीवन परिचय लिखते हुए माउंट एवरेस्ट की चोटियों के संबंध में एक परियोजना का निर्माण करें।
2. रहीम के दोहों का लेखन चित्रों सहित करें।
3. भारत के प्रमुख पांच वैज्ञानिकों के जीवन तथा उनकी उपलब्धियों पर एक परियोजना का निर्माण करें।
4. बिजली बचाओ विषय पर एक परियोजना का निर्माण करें जिसमें बिजली का ना होगी तो क्या हो सकता है का वर्णन चित्रों सहित करें।
5. आपकी हिंदी व्याकरण परिचय में निहित पुनरावृत्ति कर्ज पत्र 1 से 8 तक करें।
6. **पत्र लेखन** - 2 निवेदन पत्र, 2 अनुमति पत्र, 2 सलाह पत्र का लेखन करें।
7. हिंदी व्याकरण में निहित 1 से 5 तक अनुच्छेदों का लेखन करें।
8. **अपठित गद्यांश** - 1 से 5 तक का लेखन उत्तर पुस्तिका में करें।

Maths :

Do activity 1,6,7,9,12,13,14,15,22,23 in maths practical file.

Do all solved and unsolved questions related to chapters from Elements of Mathematics in register.

Science :

1. Prepare a project report on of "Natural Resources"
2. Write down the following practicals in your science lab manual.
1, 2 (physics)
1.1,1.2, 2, 4, 5.1, 5.2 (Chemistry)
1.1,1.2, 2.1, 2.2 (Biology)
3. Complete your Science (Physics, Chemistry and Biology) notebooks.
4. Make a flow chart of
Physics : Ch-1 (Motion)
Chemistry : Ch-1, 2 (Matter in our Surroundings, Is Matter Around us Pure)
Biology : Ch-1,2 (The Fundamental unit of Life, Tissues)

5. Solve this assignment in your notebook.

ASSIGNMENT 1

8. What is meant by concentration of a solution?
9. Is blood a homogeneous mixture or a heterogeneous mixture?

SECTION-B

Answer the following questions in about 30-50 words each.

10. What are metalloids? Give two examples.
11. Give any two properties of suspension.

SECTION-C

Answer the following questions in about 50-80 words each.

12. What are the favourable qualities given to gold when it is alloyed with copper or silver for the purpose of making ornaments?
13. Give some examples of Tyndall effect observed in your surroundings.
14. (i) A solution contains 30 g of sugar in 210 mL of water. Calculate the concentration in terms of mass by volume percentage of the solution.
(ii) Define the terms (a) Elements (b) Compounds.
15. A solution has been prepared by mixing 5.6 mL of alcohol with 75 mL of water. Calculate the percentage (by volume) of alcohol in the solution.

SECTION-D

Answer the following questions in about 80-120 words each.

16. Three students A, B and C prepared mixtures using chalk powder, common salt and milk respectively in water. Whose mixture:
(i) would not leave residue on filter paper after filtration?
(ii) would show Tyndall effect?
(iii) would give transparent/clear solution?
(iv) would settle down at the bottom when left undisturbed?
(v) could be filtered by filter paper?

17. Complete the table given below by filling the blanks.

Dispersed phase	Dispersion medium	Type
Gas	Liquid	_____
_____	Solid	Gel
Liquid	Liquid	_____
Liquid	_____	Aerosol
_____	Liquid	Sol

18. (i) 'Water is considered as a compound of hydrogen and oxygen and not a mixture of hydrogen and oxygen.' Comment on this statement.
(ii) List three points of differences between mixture and a compound.

ASSIGNMENT 2

SECTION-B

Answer the following questions in about 30-50 words each.

(2 × 2 = 4)

10. Why is epidermis important for plants?
11. (i) What do sclerenchyma cells have a narrow lumen?
(ii) Where are these tissues present and why?

[NCERT Exemplar]

SECTION-C

Answer the following questions in about 50-80 words each.

(4 × 3 = 12)

12. Why is parenchyma called a permanent tissue? Name the two special types of parenchyma. Mention their specific roles in plants.

13. Make a table to show the difference between striated, unstriated and cardiac muscles on the basis of their structure and location in the body.

14. (i) What type of tissue is blood?
(ii) What are the components of blood? Which one of them is called the matrix?
(iii) Write any two functions of blood.

15. Differentiate between voluntary and involuntary muscles. Give one example of each type.

[NCERT Exemplar]

SECTION-D

Answer the following questions in about 80-120 words each.

(3 × 1 = 3)

16. (i) Differentiate between meristematic and permanent tissues in plants.
(ii) Define the process of differentiation.
(iii) Name any two simple and two complex permanent tissues in plants.

[NCERT Exemplar]

17. Give reasons:

- (i) Meristematic cells have a prominent nucleus and dense cytoplasm but they lack vacuole.
(ii) Intercellular spaces are absent in sclerenchymatous tissues.
(iii) We get a crunchy and granular feeling when we chew pear fruit.
(iv) Branches of a tree move and bend freely in high wind velocity.
(v) It is difficult to pull out the husk of a coconut tree.

[NCERT Exemplar]

18. Write a short note on epithelial tissue. Describe the functions of epithelium tissue

Social Science :

- Make Project files on given topics
 1. Natural Vegetations
 2. Disaster management
- Do the following map work on the Political Map of India.
States , capital and Union territories .
Map related with Ch.1,2,3 of Geography and ch.1 of history. (French Revolution)

Assignment: (Learn and Write)

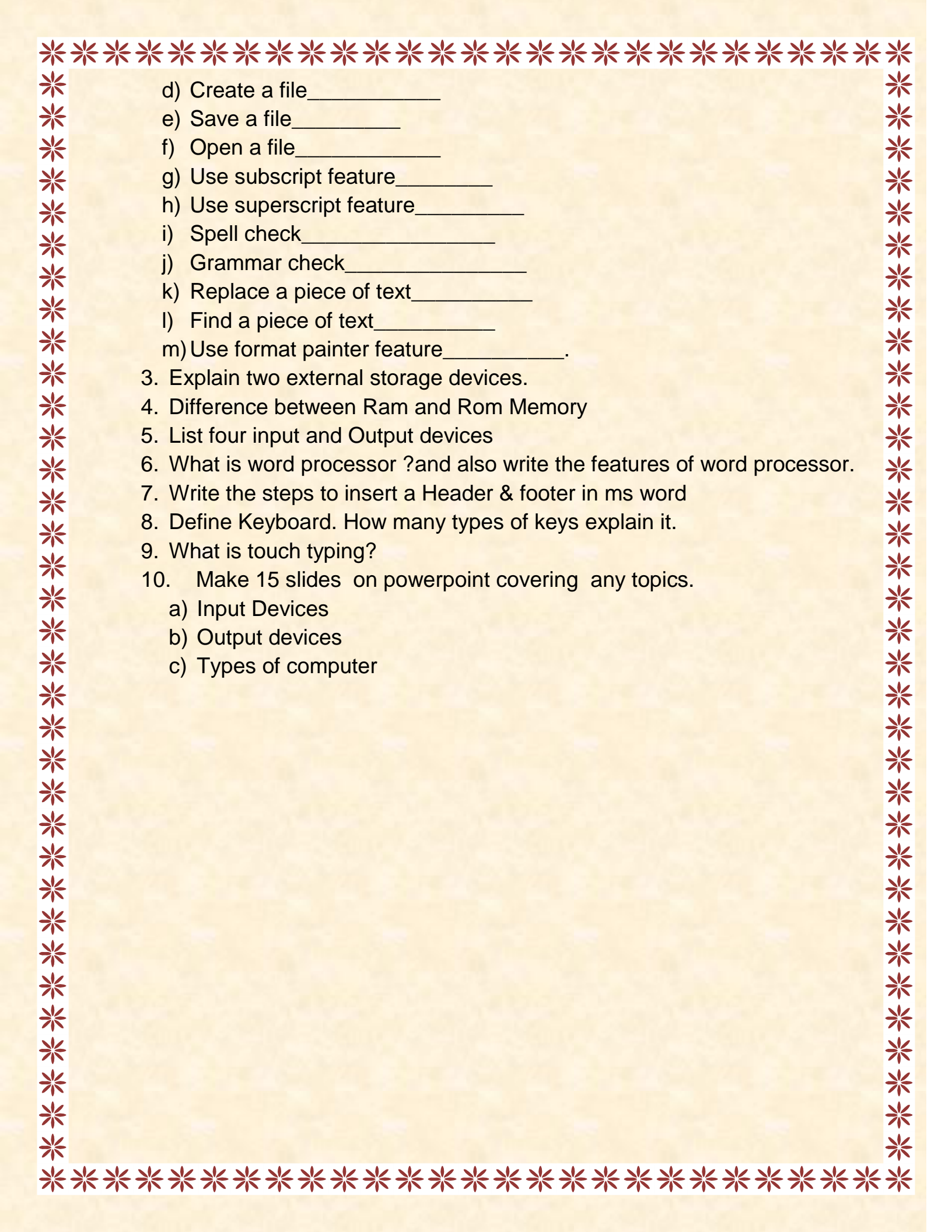
1. Discuss the causes of the French revolution of 1789.
2. How would you explain the rise of Napoleon?
3. What was the role of Jacobins during the French revolution?
4. Discuss the significant differences between the Himalayan and the peninsular rivers ?
5. Explain the major features of democracy.
6. " Democracy enhances the dignity of citizens." Explain.
7. Why do we prefer democracy to any other form of the government?
8. Distinguish between democratic and non democratic elections.
9. 'Democracy improves the quality of decision making '. Explain.
10. Distinguish between
 - i) Khadar and Bhangar
 - ii) Western Ghats and Eastern Ghats
11. Explain the major characteristics of the northern plains of India.
12. Write short notes on the following.
 - a) The Indian desert
 - b) The Central Highlands
 - c) the Island groups of India.

Physical & Activity Trainer :

- * Role of physical education in children development.
- * Planning age appropriate physical activity.
- * Organizing age appropriate physical activity.
- * Children health and safety.

Information Technology :

1. Difference between Workbook and Worksheet.
2. Write the shortcut keys of the commands given below
 - a) Cut_____
 - b) Copy_____
 - c) Paste_____

- 
- d) Create a file_____
 - e) Save a file_____
 - f) Open a file_____
 - g) Use subscript feature_____
 - h) Use superscript feature_____
 - i) Spell check_____
 - j) Grammar check_____
 - k) Replace a piece of text_____
 - l) Find a piece of text_____
 - m) Use format painter feature_____.
3. Explain two external storage devices.
 4. Difference between Ram and Rom Memory
 5. List four input and Output devices
 6. What is word processor ?and also write the features of word processor.
 7. Write the steps to insert a Header & footer in ms word
 8. Define Keyboard. How many types of keys explain it.
 9. What is touch typing?
 10. Make 15 slides on powerpoint covering any topics.
 - a) Input Devices
 - b) Output devices
 - c) Types of computer



*Happy Holidays
Keep Enjoying
and
Take good care of yourself*