N.D. Jain School Bah (Agra)
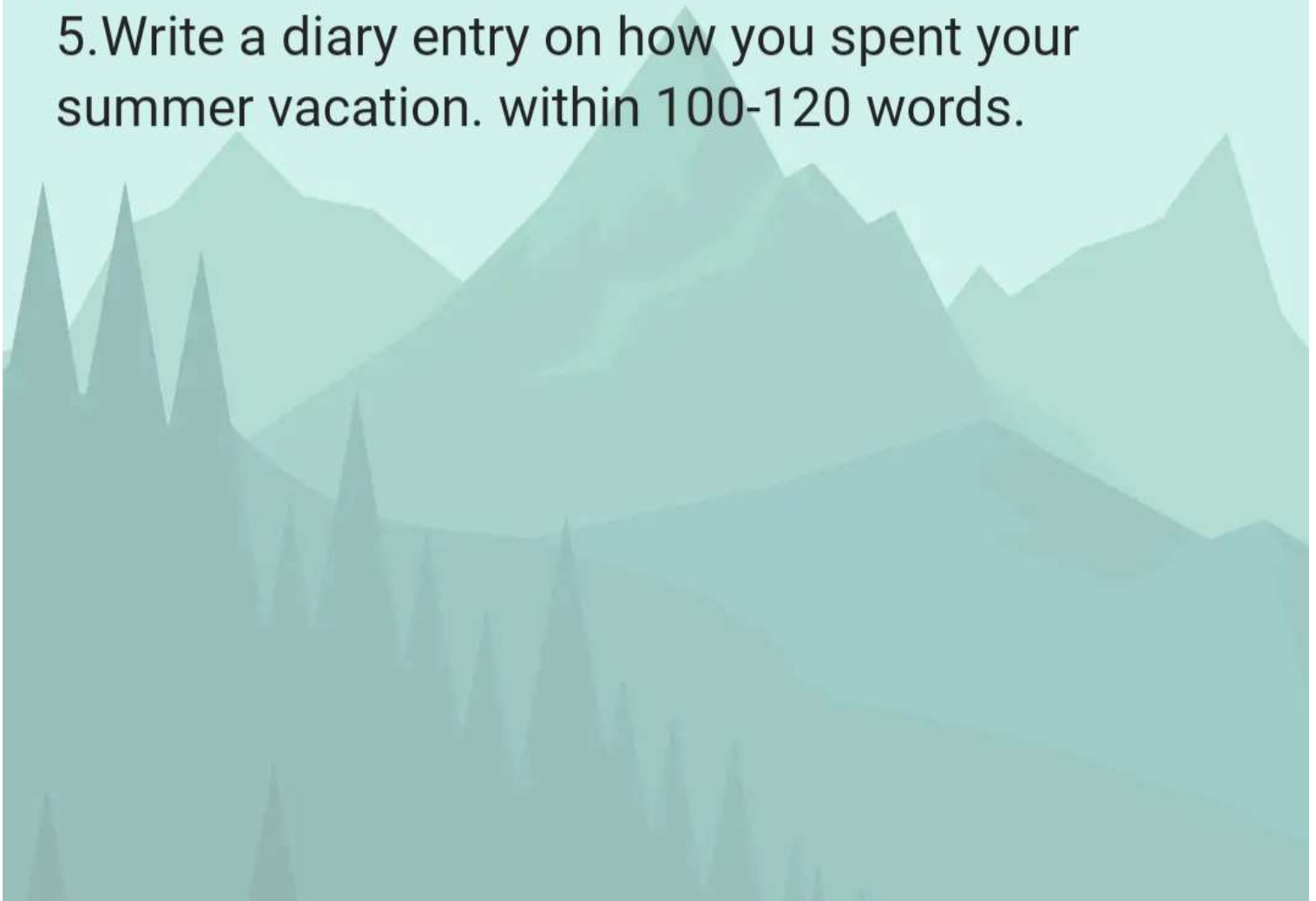
Summer Holiday Homework

English Holiday Homework

Answer the following questions.
1.Write the summary of the poem "Rain on the Roof" by Coates Kinney.
2.What would you do if you get lost in a fair just like "The Lost Child"? Describe in your own words within 100-120 words.
3.Taking ideas from the chapter "The Fun They Had," write the differences between original schools and online schools.
4.Write a descriptive paragraph on your favorite place within 100-120 words
5.Write a diary entry on how you spent your summer vacation. within 100-120 words.

Hindi Holiday Homework

प्रश्न-1: "दो बैलों की कथा" पाठ के प्रमुख पात्र हीरा-मोती के कार्य व्यवहार के आधार पर बताइए कि सच्चे मित्रों की क्या पहचान होती है?

प्रश्न-2: "दो बैलों की कथा" पाठ के आधार पर सिद्ध कीजिए कि संगठन में बल है व एकता में शक्ति होती है?

प्रश्न-3: किसी व्यक्ति की पहचान उसके कर्मों के आधार पर क्यों करनी चाहिए? तर्क सहित उत्तर दीजिए।

प्रश्न-4: बाढ़ जैसी प्राकृतिक आपदाएँ मानव समाज को किन-किन रूपों में प्रभावित करती हैं? बाढ़ के अतिरिक्त कौन-कौन सी प्राकृतिक आपदाएँ हैं जो मानव जीवन को सर्वाधिक दुष्प्रभावित करती हैं? स्पष्ट कीजिए।

प्रश्न-5: निम्नलिखित शब्दों में से उपसर्ग और मूल शब्द अलग कीजिए: (i) अत्यधिक (ii) प्रत्येक (iii) उच्चारण (iv) दुर्दशा (v) आजन्म

Computer Holiday Homework

Computer Applications (Code 0165)

Instructions:

a. This holiday homework is designed to reinforce understanding of the concepts covered in Computer Applications and encourage practical application.

b. All assignments should be completed neatly in the Computer Applications notebook or on separate sheets as specified.

c. Be creative and original in approach.

d. Submission date: (03/07/2025)

Part B: Office Tools - Word Processing (Objective: To practice and apply features of a word processing software.

Word Processing Concepts (5 Marks): 1) Answer the following questions in your notebook:

a. What is the purpose of the "Save As" option in a word processor? How is it different from "Save"?

b. Explain the use of "Copy," "Cut," and "Paste" commands.

c. How can you insert a symbol or special character that is not available on the keyboard? d. What is a "footnote" and when would you use it?

e. Briefly explain the purpose of "Mail Merge" (even if not practically done, understand its concept)

Social Science Holiday Homework

Complete the Following activities on A4 size pages or in chart paper

1 "My State, My Heritage" Project (Geography & History Integration)

 Task: Choose any one state of India (other than your own). Research its:

 Geographical Features: Major landforms, rivers, climate, and natural vegetation.

 Historical Significance: One significant historical event or movement related to that state.

 Cultural Heritage: Traditional art forms, festivals, food, and attire.

 Economic Activities: Major industries or agricultural practices.

2. "History Through Comics/Storytelling" (History & Literature Integration)

 Task: Choose one significant historical event or revolution from your Class 9 History syllabus (e.g., The French Revolution, The Russian Revolution, Nazism and the Rise of Hitler).

 Creative Rendition: Convert this historical event into a comic strip (minimum 10 panels) or a short story (approx. 700-800 words).

Mathematics Holiday Homework

1. Represent $\sqrt{3}$ on the number line.
2. Solve by using identity (show identity also) : (a) $(x+3y)^2$ (b) $(3x-y)^3$
(c) $(2x+5y)^3$ (d) $(x+2y+4z)^2$
3. Evaluate without direct multiplication:
(a) 103 X 107 (b) 96 X 104 (c) 999 X 1001
4. Write four solutions for the equation $2x+y=7$.
5. Find the value of k if x=2, y=1 is the solution of the equation $2x+3y=k$.

Physics Holiday Homework

Ques → Draw the following on a graph paper.

Distance - Time graph for uniform and non-uniform motion.

Velocity - Time graph for uniform motion with constant velocity.

Velocity - Time graph for uniform motion with constant acceleration.

Ques → Record at least ten occasions when you observe motion. Give their names also.

Ques → Imagine you are on a bus travelling at a constant speed. You throw a ball straight up in the air. Describe the motion of the ball as observed by you and a person standing on a platform.

Biology Holiday Homework

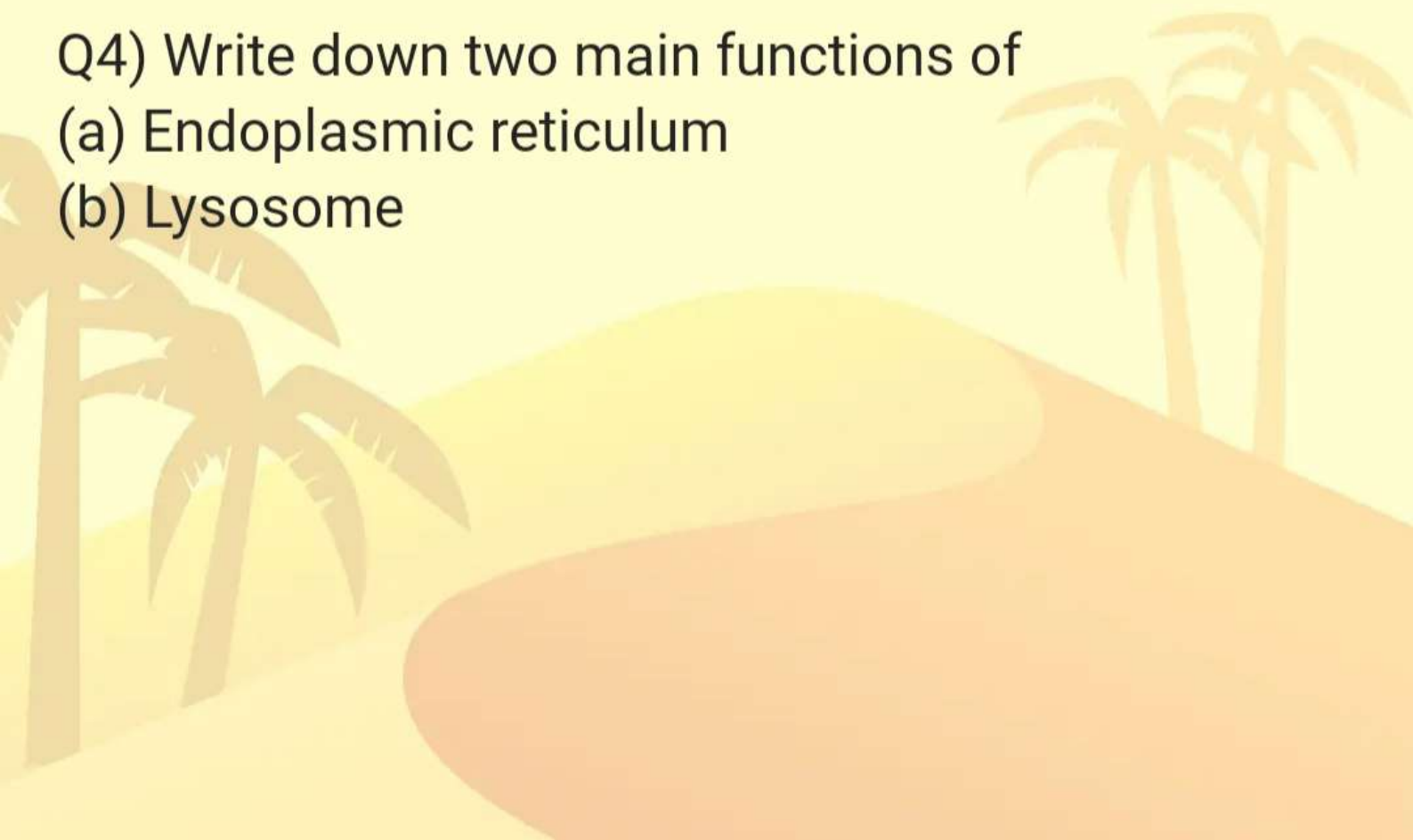Q1) Which organelle is known as the powerhouse of the cell? Why?

Q2) Set up an experiment to demonstrate osmosis.

Q3) Name the following:
(a) Smallest cell organelle
(b) Largest cell organelle
(c) ER studded with ribosomes

Q4) Write down two main functions of
(a) Endoplasmic reticulum
(b) Lysosome

Chemistry home work.

Give reason

(a).A gas fills completely the vessel in which it is kept.

(b).a gas exerts pressure on the walls of the container.

c).A wooden table should be called a solid.

2.what types of clothes should we wear in summer. ?

.3.what are the characteristics of particles of matter.?

4.Give reasons for the following observation.
The smell of hot sizzling food reaches you several meters away,but get the smell from cold food you have to go close.