

SUMMER VACATION HOLIDAY HOMEWORK 2025-26

CLASS- IX

ENGLISH

1. Comic Strip Project (Creative Reading Task):
 2. Read any English novel of your choice (example: The Diary of a Young Girl, Gulliver's Travels, Harry Potter, etc.).
 3. Choose any one chapter or scene from the novel.
 4. Draw a comic strip based on that part of the story on a chart paper.
 5. Use speech bubbles and short dialogues.
 6. Make it colorful and creative!
2. Diary Entry (Creative Writing Task): Write a diary entry on the topic: "How I Plan to Spend My Summer Vacation" Write in first person (as if you are writing to yourself). Use past and future tenses. Word limit: 80–100 words

HINDI

1. मुंशी प्रेमचंद की रचना दो बैलों की कथा पर एक सचित्रात्मक कॉमिक्स तैयार कीजिए ।
2. कबीर दास के 10 दोहे सचित्रात्मक रूप में एक चार्ट पर तैयार करें जो आपकी पाठ्य पुस्तक में न हो।

MATHS

1- Activity work: to verify geometrically the algebraic identity:

$$(a + b + c)^2 = a^2 + b^2 + c^2 + 2ab + 2bc + 2ca.$$

2- Project work: about mystery of Pi (π).

3-pen paper work: solve the following chapters from the bridge course book-(i) Squares and squares roots.

(ii) Cubes and cubes roots.

PHYSICS

Q1 Motion in Real Life:

Choose a moving object from your surroundings (e.g., a car, a child on a swing, a falling ball). Record or estimate its speed at two different times (e.g., at start and after 5 seconds). Draw a simple distance-time or speed-time graph to represent the motion. Write a short explanation of what the graph shows.

Q2 Motion in Your Neighbourhood Observe any two vehicles (e.g., bicycle, scooter, car) on a straight road. Estimate the time they take to cover a certain distance (use a stopwatch or mobile timer).

Calculate their average speed. Which one moves with uniform motion and which with non-uniform motion?

CHEMISTRY

1) Draw a mind-map on topic “Matter and its states.”

2) Activity:- a) To study diffusion in our day- to- day life. b) To study the effect of temperature on the rate of diffusion.

You have to explore, observe, discover and perform activities related to diffusion. Then categorize your observations into the following: -Solid in liquid diffusion, Liquid in liquid diffusion, Gas in liquid diffusion, Solid in gas diffusion, Gas in gas diffusion. Also study the effect of temperature on the rate of diffusion while performing the activities. After observing and performing the activities, write down your observations in a scrapbook and also paste pictures while performing the activities.

Your work will be assessed on the basis of handwriting, presentation, neatness, indexing , and completion of activity and so on & quot; Creativity and innovative ideas are Welcomed”

BIOLOGY

Question 1 Imagine you are a cell in the human body. Describe your daily activities and interactions with other cells. Write a short story or poem (50-100 words) that highlights the importance of cellular functions and cooperation.

Question 2 Prepare different solutions as isotonic, hypotonic and hypertonic and keep seeds as resins grapes and observe it after few hours and write the methodology and results you observe and make a record by clicking pictures and if possible make a short video clip.

Note: Do complete homework in your fair note book.

SOCIAL SCIENCE

9th-A

1. Create a model of the village Palampur showing its main features:

- a) Map the village (include landmarks like road,fields, irrigation facilities, schools, health centres and markets).
- b) Show farming types(different types of farming and crops grown in Palampur)
- c) Economic Activities (at least two non-farming activity that provide employment in Palampur)
- d) Social Structure (land distribution and different classes of farmers).

2. Make a T.L.M on the topic“ French Revolution.”

SOCIAL SCIENCE

9th -B

1-Make a chart paper about major crops of India under the following heads:

-----crop

-----cropping seasons

-----Temperature

-----soil

-----Features

-----Location

2- Make a comparison between the village palampur and your village/locality under the following areas :

1- Electric supply

2-Farming

3-Shopkeeping

4-Roads& Transportation

5-Marketing

SOCIAL SCIENCE

9th -C

Q.1. Talk to some old residents in your region and write a short report on the changes in irrigation and changes in production methods during the last 30 years.

COMPUTER APPLICATION

- 1) Calculate TotalMarks, Percentage, and Grade and generate Report Card with chart, of your class student in MS Excel.**
- 2) Calculate Salary of the employee using different Column like EmpID, Name, Address, DOB, DOJ, Designation, Basic , DA ,HRA, TA, Total_Salary, IT ,EPF and Net_Salary and generate Report with chart in MS Excel .**

Note :

a) DA =10% of Basic,

b) HRA =10% of Basic

c) TA = 5% of Basic

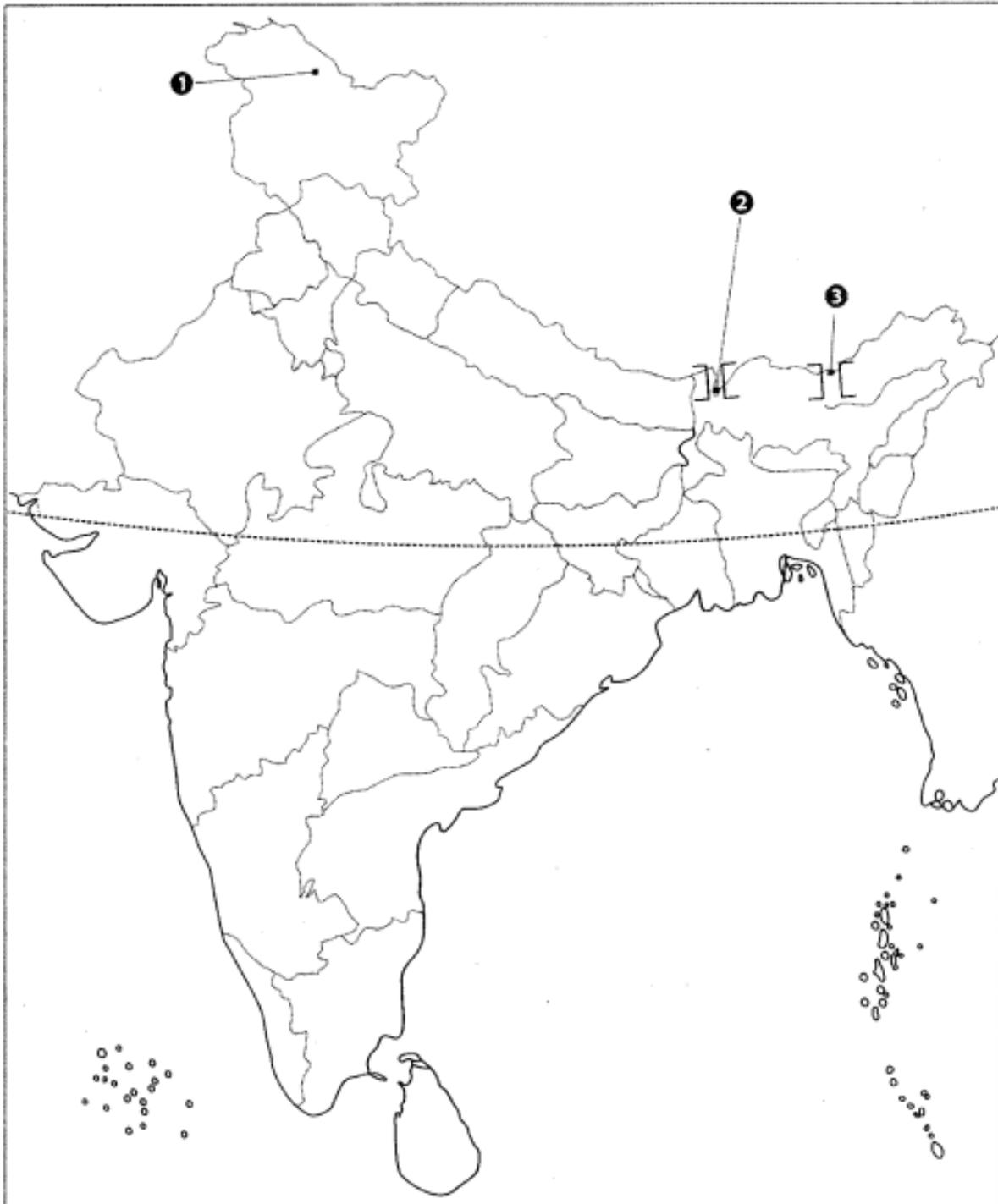
d) EPF deducted 12% of 8Total_sal

e) IT(Income Tax) deducted on condition if Total_Sal is greater than 25000.00Rs. Then IT will be 8 % of Total_Salary otherwise IT will be 0.00)

GEOGRAPHY

Question 1. Features are marked by numbers in the given political map of India. Identify these features with the help of the following information and write their correct names on the lines marked in the map.

- 1 The highest mountain peak of the Himalaya in India
- 2 A mountain pass in Sikkim
- 3 A mountain pass in Arunachal Pradesh



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