



# SHARDA INTERNATIONAL SCHOOL

## CLASS – X

### Holidays Homework

#### GENERAL INSTRUCTIONS FOR CBSE ART-INTEGRATED PROJECT

1. **Separate Files:** Create an independent, beautifully decorated CBSE art integrated project for **each subject** separately.
2. **Page Limit:** Maintain a strict total length of **12 to 14 pages** for each subject.
3. **Sheet Pattern:** Use standard A4 interleaved sheets containing **one blank page and one ruled page**.
4. **Left-Hand Side (Blank Page):** Reserved strictly for drawing diagrams, pasting pictures, or making sketches.
5. **Right-Hand Side (Ruled Page):** Reserved strictly for neat, hand-written theory and project content.
6. **Research Sources:** Collect authentic data and images using Google, newspapers, magazines, and school textbooks.
7. **Front Page Layout:** Design a decorative cover with student details aligned in a neat block on the right side.
8. **Mandatory Student Details:** Include Name, Roll Number, Class/Section, Subject, Topic, and Academic Session 2026–27.
9. **Sequential Order:** Arrange pages in a hand made folder in the following order: Cover page → Index → Certificate → Acknowledgement → Content → Reflection → Bibliography.

#### Subject wise submission dates:

Subject	Date
English, S.ST.	3 <sup>rd</sup> July, 2026 (Friday)
Hindi, Computer	4 <sup>th</sup> July, 2026 (Saturday)
Maths	6 <sup>th</sup> July, 2026 (Monday)
Science	7 <sup>th</sup> July, 2026 (Tuesday)

### ENGLISH:

#### PART A: ART INTEGRATED PROJECT

Topic: Biodiversity and Agriculture of Manipur

Project should include:-

1. Cover Page
2. Index
3. Acknowledgement
4. Introduction to Manipur:- Write a short introduction about Manipur.
5. Location and Map
  - \* Paste or draw the map of Manipur.
  - \* Mention its location in India.
6. Natural Beauty of Manipur, Paste pictures of hills, valleys, rivers, forests
7. Writing Task:-

Write a paragraph in 120–150 words on:

“Why Manipur is called the Jewel of India”

8. Creative Task:-

Make a table with any 5 plants or animals found in Manipur and write one special feature of each.

9. Problems Faced by Manipur:-

Write about these problems and their solutions:

- \* Floods
- \* Soil erosion
- \* Lack of modern technology
- \* Climate change

10. Letter Writing:-

A. Letter to the Editor:-

Write a letter in 100–120 words about the geographical diversity of Manipur to create awareness among the public.

OR

B. Article Writing:-

Write an article in 100–120 words on the agricultural practices of Manipur.

11. Conclusion

12. Bibliography

**PART B: WRITTEN HOMEWORK**

1. Revise PT-2 Syllabus

2. Answer the Following Questions

(Do these in your homework notebook.)

- a) From beginning to end, The Black Aeroplane was a mystery. How?
- b) Give a brief life sketch of Anne Frank.
- c) How has the poet used humour in the poem How to Tell Wild Animals?
- d) How did Nelson Mandela feel about the people who fought for the nation's political independence?
- e) Describe Hari Singh's dilemma at the station.

**PART C: LETTER WRITING**

Write the Following Letters to the Editor: (Any 2)

- a) Poor condition of roads in your city.
- b) Impact of Artificial Intelligence in the future.
- c) Environmental degradation due to:
  - \* Pollution
  - \* Deforestation
  - \* Use of plastic

**PART D: LETTERS OF PLACING ORDERS (Any 2)**

Write letters to place orders for:

- a) Books for the school library
- b) Sports goods for the school
- c) Furniture for a new office

## **HINDI:**

निर्देश: ■ लेख की वर्तनी व भाषा की स्वच्छता पर ध्यान दें।

■ कार्य को एकाग्रता व निर्देशानुसार करें।

■ ग्रीष्मावकाश हेतु दिए गए कार्य को (A4) साइज शीट पर करें। आय (colorful) शीट का प्रयोग भी कर सकते हैं।

1. करवाए गए पाठ्यक्रम की पुनरावृत्ति करें।
2. हिंदी जगत के ऐसे चार छायावादी कवि जिन्होंने हिंदी साहित्य में अपना अपूर्व योगदान दिया और भारत की स्वतंत्रता आंदोलन व प्रकृति से संबंधित अपनी कृतियों से लोगों में उत्साह की भावना को भी जागृत किया। किन्हीं दो के जीवन व कृतित्व पर सचित्र प्रकाश डालिए।
3. 'तुलसीदास' व 'सूरदास' द्वारा रचित किन्हीं दो चौपाइयों व पदों का सचित्र संकलन करें व एक परियोजना कार्य तैयार करें।
4. 'मणिपुर की कृषि पर भौगोलिक विविधता का प्रभाव' विषय पर एक सचित्र एक लेख लिखिए।
- 5 "तकनीकी क्रांति और भारत का भविष्य शीर्षक पर लगभग 150 शब्दों में अनुच्छेद लिखिए।
6. अपठित गद्यांश 5-10 व्याकरण पुस्तिका में हल करें।
7. रचना के आधार पर वाक्य भेद के अभ्यास प्रश्नों की पुनरावृत्ति करें।
8. कार्य पत्रिका व्याकरण पुस्तिका में हल करें।

### **कार्य पत्रिका**

#### **व्याकरण**

■ निर्देशानुसार उत्तर दीजिए -

I. निम्नलिखित सरल वाक्यों को संयुक्त वाक्यों में बदलिए -

1. उगता हुआ सूरज बहुत मनमोहक लगता है।
2. गुस्सा होने के कारण उसने मुझसे बात नहीं की।
3. कमरे में बैठे लोग अब उब चुके हैं।
4. पिता जी ने ट्रेन में बिठाकर मुझे विदा किया।
5. हम लोग कॉफ़ी पीने रेस्ट्रॉ में गए।

II. निम्नलिखित सरल वाक्यों को मिश्र वाक्यों में बदलिए।

1. बच्चों ने दीवाली पर पहनने के लिए कपड़े खरीदे हैं।
2. मेहनत करनेवाले को ही नौकरी मिलेगी।
3. तबीयत खराब हो जाने के कारण मैं शादी में नहीं जा पाया।

4. उसके कार से बाहर निकलते ही गोली चली।

5. आपकी इच्छा के अनुरूप आपका स्वागत नहीं हुआ।

III. निम्नलिखित मिश्र वाक्यों को संयुक्त वाक्यों में बदलिए -

1. मेरे हाथ में जो घड़ी है, वह बहुत पुरानी है।

2. जो काम मुझे नहीं आता, मैं नहीं कर सकता।

3. जो लड़की गाना गा रही है, वह मेरी बहन है।

4. वह जहाँ रहता है, वहाँ बीमारी का डर है।

5. वह इतना धूर्त है कि सबको धोखा देता है।

IV. निम्नलिखित वाक्यों के रचना के आधार पर वाक्य भेद लिखिए -

1. सच बोलो लेकिन कड़वा सच मत बोलो।

2. मैं ठीक समय पर पहुँच गया परंतु सुरेश नहीं आया।

3. आलोक ने कहा कि वह परीक्षा नहीं देगा।

4. सरला ने कहा कि वह कक्षा में प्रथम रही।

5. कुछ लोग भाषण देते रहते हैं और मन में संतुष्ट रहते हैं।

**साहित्य -**

1. नेता जी की मूर्ति किस पदार्थ की बनी थी और उसकी ऊँचाई कितनी थी?

2. कस्बे के मुख्य चौराहे पर नेता जी की प्रतिमा लगवाने का निर्णय किसका था?

3. झाड़ंग मास्टर मोतीलाल जी ने मूर्ति को कितने समय में तैयार करने का विश्वास दिलाया था?

4. मूर्ति में कौन सी एक चीज़ की कमी थी जो देखते ही खटकती थी?

5. चश्मे वाले को लोग 'कैप्टन' क्यों कहते थे?

6. पान वाले का हुलिया कैसा था?

7. मूर्ति का चश्मा बार-बार कैसे बदल जाता था?

8. "वो लंगड़ा क्या जाएगा फ़ौज में! पागल है पागल!" – यह कथन किसका है और किसके प्रति है?

9. कैप्टन की मृत्यु के बाद हालदार साहब ने चौराहे पर न रुकने का फैसला क्यों किया था?

10. अंत में मूर्ति पर लगा 'सरकंडे का चश्मा' किस बात का प्रतीक था?

11. 'मधुप' गुनगुनाकर अपनी कौन सी कहानी कह रहा है?

12. कवि जयशंकर प्रसाद ने अपने जीवन की तुलना किससे की है?

13. "मुरझाकर गिर रही पत्तियाँ" कवि को किस सत्य का बोध करा रही हैं?

14. कवि अपनी आत्मकथा लिखने के बजाय औरों की कथाएँ क्यों सुनना चाहते हैं?

15. 'गागर रीति' से कवि का क्या तात्पर्य है?

16. "सीवन उधेड़कर देखोगे क्यों मेरी कंथा की?" – इस पंक्ति में 'कंथा' और 'सीवन उधेड़ने' का क्या अर्थ है?

17.कवि ने अपनी सुखद यादों को क्या संज्ञा दी है?

18."उज्ज्वल गाथा" से कवि का क्या आशय है और वह उसे क्यों नहीं गाना चाहते?

19.कवि ने अपनी आत्मकथा को 'भोली' क्यों कहा है?

20.कविता के अंत में कवि अपनी व्यथा को 'मौन' क्यों रखना चाहते हैं?

## **MATHS:**

### Instructions

- \* Answer all the Multiple Choice Questions (MCQs) on loose sheets neatly.
- \* Write the question number clearly before answering.
- \* Show all proper steps and complete solutions for each question.
- \* Do not write only the final answer.
- \* Maintain neat handwriting and proper presentation.
- \* Attach all the loose sheets properly and submit them on time.

### Chapter -1

S.No.	QUESTIONS
1	The prime factorisation of natural number 288 is: (a) $2^5 \times 3^2$ (b) $2^4 \times 3^2$ (c) $2^5 \times 3^5$ (d) $2^5 \times 3^3$
2	If the HCF of 360 and 64 is 8, then their LCM is: (a) 2880 (b) 2530 (c) 672 (d) 2780
3	If two positive integers A and B can be expressed as $A = xy^3$ and $B = x^4y^2z$ ; x, y being prime numbers then HCF (A, B) is : (a) $x^4y^3$ (b) $x^4y^2z$ (c) $xy^2z$ (d) $xy^2$
4	The LCM of two numbers is 1200. Which of the following cannot be their HCF? (a) 600 (b) 500 (c) 400 (d) 200
5	If $\text{HCF}(26, 169) = 13$ , then $\text{LCM}(26, 169) = ?$ (a) 26 (b) 52 (c) 338 (d) 13
6	An army contingent of 616 members is to march behind an army band of 32 members in a parade. The two groups are to march in the same number of columns. What is the maximum number of columns in which they can march? (a) 5 (b) 6 (c) 7 (d) 8

7	The HCF and LCM of 12, 21, 15 respectively are : (a) 3, 420 (b) 3, 515 (c) 4, 420 (d) 4, 525
8	The ratio of LCM and HCF of the least composite number and the least prime number is : (a) 3:2 (b) 2:7 (c) 2:1 (d) 1:2
9	If $\text{LCM}(x, 18) = 36$ and $\text{HCF}(x, 18) = 2$ , then $x =$ (a) 2 (b) 3 (c) 4 (d) 6
10	If $(a \times 5)^n$ ends with the digit zero for every natural number $n$ , then $a$ is (a) a prime number (b) an even number (c) an odd number (d) none of these
11	There are 312, 260 and 156 students in class X, XI and XII respectively. Buses are to be hired to take these students to a picnic. Find the maximum number of students who can sit in a bus if each bus takes equal number of students: (a) 34 (b) 52 (c) 48 (d) 63
12	Three bells ring at intervals of 4, 7 and 14 minutes. All the three rang at 7 AM. When will they ring together again? (a) 7:28 AM (b) 7:54 AM (c) 7:32 AM (d) 7:40 AM

13	The product of a non-zero rational number and an irrational number is (a)always rational (b)always irrational (c)rational or irrational (d)always one
14	The smallest irrational number by which $\sqrt{18}$ should be multiplied so as to get a rational number is (a) $\sqrt{3}$ (b) 2 (c) $\sqrt{2}$ (d) $\sqrt{18}$
15	If two positive integers a and b are written as $a = p^3q^2$ and $b = pq^3$ ; p, q are prime numbers, then HCF (a, b) is: (a) $pq^2$ (b) $pq$ (c) $p^3q^3$ (d) $p^2q^2$
16	On a morning walk, three persons step off together and their steps measure 40 cm, 42 cm and 45 cm, respectively. What is the minimum distance each should walk so that each can cover the same distance in complete steps? (a)2540 (b)2560 (c)2650 (d)2520
17	Three farmers have 490 kg, 588 kg and 882 kg of wheat respectively. Find the maximum capacity of a bag so that the wheat can be packed in exact number of bags (a)98 (b)290 (c)350 (d)450
18	$6 \times 5 \times 4 \times 3 \times 2 \times 1 + 5$ is an example of : (a)prime number (b)composite number (c)irrational number (d)none of the above
19	L.C.M of two numbers is 60 times of their H.C.F. Sum of H.C.F and L.C.M is 366. If one number is 72, then find the other number. (a)60 (b)20 (c)30 (d)120
20	Two numbers are in the ratio 15:11 their HCF is 13 and LCM is 2145 then find the number. (a)205,132 (b)175,305 (c)195,143 (d)230,155

## Chapter-2

1	<p>Which of the following is not a polynomial?</p> <p>(a) <math>\sqrt{3}x^3 - 2x - \sqrt{3}</math> (b) <math>x + \frac{1}{x}</math> (c) <math>7x^2 + 5x - \sqrt{2}</math> (d) 5</p>
2	<p>Which are the zeroes of <math>p(x) = 6x^2 - 7x - 3</math></p> <p>(a) 5, -2 (b) -5, 2 (c) -5, -2 (d) none of these</p>
3	<p>The number of zeroes of the polynomial from the graph is</p> <p>(a) 0 (b) 1 (c) 2 (d) 3</p> <div data-bbox="678 493 1230 871" style="text-align: center;"> </div>
4	<p>Find the quadratic polynomial whose zeros are -3 and 4.</p> <p>(a) <math>x^2 - 7x - 12</math> (b) <math>x^2 + x + 12</math> (c) <math>x^2 - x - 12</math> (d) <math>x^2 + 3x - 4</math></p>
5	<p>Which are the zeroes of <math>p(x) = x^2 - 8x + 15</math></p> <p>(a) 5, -2 (b) -5, 2 (c) 5, 3 (d) none of these</p>

6	Find the sum and product of the zeroes of polynomial $x^2 - 3x + 5$ (a) -3,5 (b) 2,5 (c) 3,5 (d) -3,2
7	If one of the zeroes of quadratic polynomial $(k + 3)x^2 + 2kx + 6$ is -3 ,then find value of k. (a) 10 (b) -11 (c) 11 (d) 13
8	A quadratic polynomial whose sum and product of zeroes are $-5$ and $6$ is (a) $x^2 - 5x - 6$ (b) $x^2 + 5x - 6$ (c) $x^2 + 5x + 6$ (d) none of the above.
9	If the product of the zeroes of the quadratic polynomial $3x^2 + 5x + k$ is $-\frac{2}{3}$ , then the value of k is (a) -3 (b) -2 (c) 2 (d) 3
10	If one zero of the polynomial $6x^2 + 37x - (k - 2)$ is reciprocal of the other, then, what is the value of k? (a) 4 (b) -6 (c) 6 (d) -4
11	The zeroes of the polynomial $p(x) = x^2 + 4x + 3$ are given by (a) 1,3 (b) -1,3 (c) 1, -3 (d) -1, -3
12	If $\alpha$ and $\beta$ are the zeroes of the polynomial $f(x) = px^2 - 2x + 3p$ and $\alpha + \beta = \alpha\beta$ then the value of p (a) $-\frac{2}{3}$ (b) $\frac{2}{3}$ (c) $\frac{1}{3}$ (d) $-\frac{1}{3}$
13	The zeroes of the quadratic polynomial $f(x) = x^2 + 99x + 127$ are (a) both negative (b) both positive (c) both equal (d) none
14	The maximum number of zeroes a cubic polynomial can have, is (a) 1 (b) 4 (c) 2 (d) 3
15	If $\alpha$ and $\beta$ are the zeroes of the polynomial $f(x) = x^2 - ax - b$ , then the value of $\alpha^2 + \beta^2$ is (a) $a^2 - 2b$ (b) $a^2 + 2b$ (c) $a^2 - b$ (d) $a^2 + b$
16	The number of polynomials having zeroes -3 and 5 is (a) 1 (b) 2 (c) 3 (d) more than 3
17	If $x + 2$ is factor of $x^2 + ax + 2b$ and $a + b = 4$ , then (a) $a = 1, b = 3$ (b) $a = 3, b = 1$ (c) $a = -1, b = 5$ (d) $a = 5, b = -1$

18	If $\alpha$ and $\beta$ are the zeroes of the polynomial $f(x) = 4x^2 - 3x - 7$ , then the value of $\frac{1}{\alpha} + \frac{1}{\beta}$ is (a) $\frac{7}{3}$ (b) $-\frac{7}{3}$ (c) $\frac{3}{7}$ (d) $-\frac{3}{7}$
19	If $\alpha$ and $\beta$ are the zeroes of the polynomial $f(x) = x^2 - ax - b$ , then the value of $\alpha^2 + \beta^2$ (a) $a^2 - 2b$ (b) $a^2 + 2b$ (c) $b^2 - 2a$ (d) $b^2 + 2a$
20	A quadratic polynomial, the sum of whose zeroes is - 5 and their product is 6, is (a) $x^2 + 5x + 6$ (b) $x^2 - 5x + 6$ (c) $x^2 - 5x - 6$ (d) $-x^2 + 5x + 6$

### Chapter-3

Q1.	The value of K for which the system of equation $kx - y = 2$ , and $6x - 2y = 3$ has a unique solution is.	
(A)	Not equal to 3	(B) Not equal to (-3)
(C)	Not equal to 0	(D) Not equal to (1)
Q2.	If the system of equations $kx - 5y = 2$ and $4x + my = 10$ has infinitely many solution then the value of k and m are.	
(A)	$k = \frac{4}{5}$ and $m = -25$	(B) $k = \frac{5}{4}$ and $m = -25$
(C)	$k = \frac{5}{4}$ and $m = 25$	(D) $k = \frac{-5}{4}$ and $m = 25$
Q3.	8 chairs and 5 tables cost Rs 10,500, while 5 chairs and 3 tables cost Rs 6,450. The cost of each chair will be.	
(A)	750	(B) 600
(C)	850	(D) 900
Q4.	The pair of linear equation $3x + 5y = 3$ and $6x + ky = 8$ do not have a solution, if k is	
(A)	5	(B) 10
(C)	15	(D) 20

Q5.	The pair of equation $x = a$ and $y = b$ graphically represents the lines which are.		
(A)	Parallel lines	(B)	Intersecting at $(a, b)$
(C)	Coincident lines	(D)	Intersecting at $(b, a)$
Q6.	The value of $c$ for which the pair of equation $cx - y = 2$ and $6x - 2y = 3$ will have no solution.		
(A)	3	(B)	-3
(C)	-12	(D)	No value
Q7.	The pair of equation $5x - 15y = 8$ and $3x - 9y = \frac{24}{3}$ has.		
(A)	Infinite solution	(B)	Unique solution
(C)	No solution	(D)	Two solution
Q8.	$19x - 17y = 55$ and $17x - 19y = 53$ then the value of $(x - y)$ is.		
(A)	$\frac{1}{3}$	(B)	-3
(C)	3	(D)	5

Q9.	If $bx + ay = a^2 + b^2$ and $ax - by = 0$ , then the value of $(x - y)$ .		
(A)	$a - b$	(B)	$b - a$
(C)	$a^2 - b^2$	(D)	$b^2 + a^2$
Q10.	If $2x + 3y = 0$ and $4x - 3y = 0$ then the value of $(x + y)$ is.		
(A)	0	(B)	-1
(C)	1	(D)	2
Q11.	If $(6, k)$ is a solution of equation $3x + y - 22 = 0$ then the value of $k$ is.		
(A)	4	(B)	-4
(C)	3	(D)	-3
Q12.	The father's age is six times his son's age. Four years hence, the age of the father will be four times his son's age. The present ages, in years, of the son and the father are, respectively.		
(A)	4 and 24	(B)	5 and 30
(C)	6 and 36	(D)	3 and 24
Q13.	Aruna has only Re 1 and Rs 2 coins with her. If the total number of coins that she has is 50 and the amount of money with her is Rs 75, then the number of Re 1 and Rs 2 coins are, respectively.		

(A)	35 and 15	(B)	35 and 20
(C)	15 and 35	(D)	25 and 25
Q14.	The sum of the digits of a two digit number is 9. If 27 is added to it, the digits of the numbers get reversed. The number is.		
(A)	36	(B)	72
(C)	63	(D)	25
Q15.	If $x = a$ , $y = b$ is the solution of the equations $x - y = 2$ and $x + y = 4$ , then the values of $a$ and $b$ are, respectively.		
(A)	3 and 5	(B)	5 and 3
(C)	3 and 1	(D)	-1 and -3
Q16.	The value of $k$ for which the system of equations $x + 2y = 3$ and $5x + ky + 7 = 0$ has no solution is.		
(A)	10	(B)	6
(C)	3	(D)	1
Q17.	Sum of two numbers is 35 and their difference is 13, then the numbers are.		
(A)	24 and 12	(B)	24 and 11
(C)	12 and 11	(D)	None of these

Q18.	A two-digit number is 4 more than 6 times the sum of its digits. If 18 is subtracted from the number, the digits are reversed, then the number is.		
(A)	36	(B)	46
(C)	64	(D)	None of these
Q19.	Seven times a two-digit number is equal to four times the number obtained by reversing the order of its digit. If the difference between the digits is 3, then the number is.		
(A)	36	(B)	33
(C)	66	(D)	None of these
Q20.	Five years ago, A was thrice as old as B and ten years later A shall be twice as old as B, then the present age of A is.		
(A)	20	(B)	50
(C)	30	(D)	None of these

- **Art integrated project(Geographical diversity and agriculture of Manipur and Haryana)**
- **Activity: Do this activity in practical file.**

- 1.To find the HCF of two numbers experimentally
- 2.To find the zeros of polynomial by the graphical method
- 3.To verify the condition for the consistency of a system of linear equation in two variable

# **SCIENCE:**

## **TASK - 1**

Revise the explained PT – 2 chapters with all solved questions-answers given in the reference book.

## **TASK - 2**

Draw the following diagrams in your Question bank register:

- (i) Human Heart
- (ii) Digestive system
- (iii) Blood circulation
- (iv) Excretory system
- (v) Respiratory system
- (vi) Nephron
- (vii) Brain
- (viii) Neuromuscular junction
- (ix) Endocrine System

## **TASK – 3**

### **WRITTEN WORK:**

- Solve the attached assignment uploaded on e care file in Question bank register.
- Solve PT -1 Papers (Set 1 & 2) In Question bank register.
- Write activity 1 and activity 2 in your science activity file from the attached document upload on e care.

## **TASK – 4**

### **PRESENTATION**

Prepare the presentation according to the topic allotted from chapter – 6 based on your roll no. as discussed in the class.

## **TASK - 5**

**ART INTEGRATED PROJECT:** To study the Geographical Diversity and Agriculture of Manipur and explore the science-based research aspects on the following basis:

- Rice Cultivation in Manipur (Paddy Farming): Why rice is the main crop and which areas produce it the most.
- Loktak Lake's Role in Agriculture: How Loktak Lake supports farming, irrigation, and local livelihood.
- Manipur's Hills vs Valley Farming Difference: Compare crops grown in hill areas and valley areas with reasons.
- Season-wise Cropping Pattern in Manipur: Kharif and Rabi crops grown and why different crops grow in different seasons.
- Famous Fruits and Vegetables of Manipur: Identify major horticulture crops (pineapple, orange, ginger, turmeric) and why Manipur is suitable for them.
- Use of Bamboo in Agriculture: How bamboo is used in farming tools, fencing, storage, and eco-friendly farming practices.
- Organic Farming in Manipur: Why organic farming is increasing and what natural fertilizers are used.
- Government Schemes for Farmers in Manipur: Research any 2–3 schemes and how they help agriculture development.

## Social Science:

### **ACTIVITY NO -1 CBSE-SUBJECTIVE PROJECT**

Prepare a project on the topic **CONSUMER RIGHTS**. Students are expected to apply the Social Science concepts in order to prepare the project report.

Students can also take help from News Papers, Magazines, Other resource books and Economics Book of class X.

### **Activity -2 CBSE ART INTEGRATED PROJECT**

Prepare a project on the Topic

#### **Geographical diversity and Agriculture of Manipur:**

- Geographical location of Manipur with map.
- Physiographic divisions of Manipur
- Explanation of these physical divisions with pictures and diagrams.
- Agriculture features of Manipur
- Types of crops grown in Manipur.
- Cropping seasons of the crops
- The most important crop of Manipur

**Note:** "For Social Science (SST) and Mathematics, you must create only ONE combined Art-Integrated Project, where your SST historical/geographical research data must be represented through Mathematical tools like bar graphs, pie charts, or statistical tables."

## COMPUTER

### **PART 1. ANSWERS THE FOLLOWING QUESTIONS:**

Q1. In your opinion, what will be the most important technology in the future and why?

Q2. How are robots and automation used in industries today?

Q3. "What are the common problems faced by users on modern online websites?"

Q4. Explain how formulas and functions in spreadsheets save time in offices and companies.

Q5. How do large organizations use spreadsheets for decision-making and report preparation?

### **PART 2. CREATIVE SPREADSHEET ACTIVITY**

#### **"INTERACTIVE DIGITAL STUDENT PORTFOLIO"**

Design an interactive spreadsheet in **MS Excel / LibreOffice Calc** where different worksheets and digital resources are connected using **Hyperlinks**.

Insert hyperlinks for:

- Educational Websites
- YouTube Tutorials
- PDF Notes
- Coding Platforms
- AI Learning Tools

