

# *Dr. Kitchlu Public Sen. Sec. School, Moga*

## **Holidays Homework**

**Class – VII**

**Session 2023-24**

- *This is the time to relax in the cool comfort at home.*
- *Do some physical activity or exercises during morning or evening time.*
- *Spend some quality time with your parents and grandparents and learn something from them to enhance your knowledge.*

***“Learning by doing is growing and succeeding”***

- *Keeping this in mind we have planned some fun filled creative activities for you during the vacation.*
- *Try to work independently. However, take help & guidance from your parents wherever required.*
- *Make a time schedule to study for specific hours every day.*

**Read the specifications given for each subject and complete the written work. Revise the work done in all the subjects.**

**Submit the holiday's homework on 6<sup>th</sup> July, 2023 at 9:00 A.M.**

## Instructions for Holidays H.W

1. Worksheets given in pdf format can be printed or drawn on notebooks.
2. Homework can be done on printed worksheets wherever space is available. A separate test note book may also be used for doing the work by making such worksheets at one's own.
3. All pages of Scrap Book must be filled as directed by the teacher.
4. Making of a chart paper.
  - (a) Use the size of chart paper as instructed by the subject teacher. (Note: half size chart paper for III-IV full size chart paper from V onwards.
  - (b) Use the Portrait/ Vertical side of the chart paper only.
  - (c) Draw the margin on the chart paper.
  - (d) Use full space of the chart paper for completing the task. Draw/Paste pictures of large size.
  - (e) Use any medium of colours as instructed by the teacher.
  - (f) Write all the details in correct spellings. Use big letters for writing.
  - (g) Write your name, roll no, class, section at the bottom of right side.

### Colour of chart paper

- Science – Yellow
- Social Studies – Pink
- Maths – White
- Hindi – Green
- Punjabi – Black
- English – Blue

## *Instructions for making a Model*

- 1. Do thorough research on the chosen topic to gather relevant information.*
- 2. Make a list of all the materials needed for a model. Then collect the required items, ensuring that are easily available, economical and safe to use.*
- 3. Clearly define the objectives of the working model and its introduction.*
- 4. Take necessary precautions especially dealing with electricity or sharp objects.*
- 5. The base (either cardboard or thermocole) of the model should be covered with a chart paper or use plyboard (in case of heavy Model)*
- 6. Labelling should be done and it must be clearly visible. (Pla-card/ charts can be used)*
- 7. For both working and Non- working models, prepare a written report on chart regarding concepts and principles associated with the topic. Use reasonably big letters to write on chart paper.*
- 8. The explanation of the model should be informative, Knowledgeable, effective and in English only.*
- 9. You can assemble the different components of the model in the school if it is bigger in size.*

## Subject – English

*Reading – Solve comprehension passages from page no.12 to 23 in BBC.*

*Writing – Write letters to Editor from page no.138 to 141 in BBC.*

*Grammar – Write 10 sentences on each type of sentence according to the structure in test note book, Follow simple, compound and complex sentences from grammar fest book,*

*Vocabulary – Write 15 words of 10 letter words with their meanings in English, Test note book find from dictionary or literature book, (eg. – Appreciate – admire)*

## Hindi

1. अपने मित्रों, माता-पिता व भाई बहनों आदि के नामों की सूची बनाकर संधि विच्छेद कीजिए।(कोई 10)
2. नीचे दी गई वर्ग पहली में से पाँच फलों और पाँच पेड़ों के नाम ढूँढ कर लिखिए।

ख	आ	क	च	प	जा
व	म	ई	ल	मु	ट
अ	ग	ला	न	त	शु
नी	म	प	ता	ड.	ला
म	क	रु	पी	नी	ब
अ	ना	र	द	ता	बू

3. 'जलेबी' और 'किताब' शब्द से अंताक्षरी के रूप में शब्द सीढ़ी बनाएँ । (20 शब्द)
4. भारत सरकार प्लास्टिक की रोकथाम के लिए बहुत से कार्य कर रही है। पर्यावरण की सुरक्षा की दृष्टि से दो विद्यार्थियों के बीच संवाद लिखिए । (6 -7 संवाद होने चाहिए)
5. भारत का मानचित्र चिपका कर राज्य और उसकी भाषाओं का शब्द युग्म बनाएँ ।(कोई 12)
6. लघु कथा पूरी करें (100 से 120 शब्दों में)

बहुत समय पहले की बात है। एक गाँव में दो भाई रहते थे । उनके स्वभाव में बहुत अंतर था। .....

नोट :-सारा कार्य अलग उत्तर पुस्तिका(T. N . B) में कीजिए।

## Punjabi

- 1) ਆਪਣੀ ਮਨਪਸੰਦ ਖੇਡ ਨਾਲ ਸੰਬੰਧਿਤ ਤਸਵੀਰਾਂ ਲਗਾ ਕੇ ਨਿਯਮ ਲਿਖ ਕੇ ਕਾਰਜ ਸੌਪਣੀ ਤਿਆਰ ਕਰੋ।
- 2) ਕਿਸੇ ਦੇਸ਼ ਭਗਤ ਦੀ ਤਸਵੀਰ ਲਗਾ ਕੇ ਉਸਦੀ ਜਨਮ-ਮਿਤੀ , ਜਨਮ -ਸਥਾਨ, ਮਾਤਾ-ਪਿਤਾ , ਵਿੱਦਿਆ ਅਤੇ ਸ਼ਹੀਦੀ ਦੀ ਮਿਤੀ ਬਾਰੇ ਜਾਣਕਾਰੀ ਦਿਓ।
- 3) ਸ਼ਬਦਾਂ ਦੀ ਖੇਡ -ਨਾਂਵ

ਹੇਠ ਲਿਖੀ ਵਰਗ ਪਹੇਲੀ ਵਿੱਚੋਂ ਪੁੱਛੇ ਗਏ ਨਾਂਵ ਸ਼ਬਦ ਕਿਸਮ ਦੇ ਅਧਾਰ ਤੇ ਚੁਣ ਕੇ ਗੋਲਾ ਲਗਾਓ।

ੳ) ਇਕੱਠ ਵਾਚਕ ਨਾਂਵ

ਅ) ਵਸਤੂ ਵਾਚਕ ਨਾਂਵ

ੲ) ਖਾਸ ਨਾਂਵ

ਸ) ਭਾਵ ਵਾਚਕ ਨਾਂਵ

ਹ)ਆਮ ਨਾਂਵ

ੳ	ਨੀ	ਸਾ	ਮੀ	ਤਾ	ਨੀ	ਪਾ	ਰਾ	ਨੀ	ਪਾ	ਬੀ	ਬੁ
ਰ	ਜੇ	ਥੇ	ਜ	ਨੀ	ਵੀ	ਟਾ	ਮ	ਰੀ	ਜ	ਨ	ਨੀ
ਟ	ਸੀ	ਹੀ	ਮਾ	ਚੁ	ਸ	ਤਾ	ਨ	ਗੱ	ਗਾ	ਟੀ	ਸ
ਸ	ਰੇ	ਥੇ	ਤ	ਸ	ਟੀ	ਸ	ਤਾ	ਰ	ਬ	ਨੀ	ਤਾ
ਸਾ	ਡੀ	ਸੈ	ਰੀ	ਮਾ	ਰੇ	ਪ	ਸ	ਚੀ	ਅ	ਨ	ਲੇ
ਮਾ	ਪਾ	ਮੁੱ	ਡਾ	ਕ	ਲਾ	ਕਾ	ਰ	ਵ	ਧੀ	ਆ	ਸੀ
ਪੀ	ਈ	ਪੁ	ਰਾ	ਨਾ	ਸਾ	ਮਿ	ਗਾ	ਕ	ਲਾ	ਘਿ	ਓ
ਮ	ਪਾ	ਰੀ	ਪ੍ਰ	ਕਾ	ਨ	ਠਾ	ਮ	ਨ	ਤ	ਰਾ	ਸੀ
ਈ	ਸ	ਨੀ	ਥਾ	ਸਾ	ਰੀ	ਸ	ਮਾ	ਮੇ	ਚੀ	ਪ	ਟ

4) ਪੰਜਾਬ ਦਾ ਨਕਸ਼ਾ ਬਣਾ ਕੇ ਪੰਜਾਬ ਦਾ ਪਹਿਰਾਵਾ, ਖਾਣ -ਪੀਣ,ਫਸਲ ਅਤੇ ਮਸ਼ਹੂਰ 4 ਸਥਾਨ ਦਰਸਾਓ।

5) ਕੋਈ ਦਸ ਬੁਝਾਰਤਾਂ ਉੱਤਰਾਂ ਸਹਿਤ ਲਿਖੋ। ਉਦਾਹਰਣ- ਕਟੋਰੇ ਉੱਤੇ ਕਟੋਰਾ; ਬੇਟਾ ਬਾਪ ਤੋਂ ਗੋਰਾ

ਉੱਤਰ - ਨਾਰੀਅਲ

ਨੋਟ -ਦਿੱਤਾ ਗਿਆ ਸਾਰਾ ਕਾਰਜ ਟੈਸਟ ਕਾਪੀ ਵਿੱਚ ਕੀਤਾ ਜਾਵੇ।

## Mathematics

Complete given worksheets of

Chapter 1, 2 and 3 on separate notebook (Test notebook)

### Fill in the blanks:

1. \_\_\_\_\_ is the additive identity and \_\_\_\_\_ is the multiplicative identity of integers.
2.  $(-1) \times$  even number of times = \_\_\_\_\_
3.  $(-1) \times$  odd number of times = \_\_\_\_\_
4.  $38 \div 0 =$  \_\_\_\_\_
5.  $0 \div 11 =$  \_\_\_\_\_
6.  $(-55) +$  \_\_\_\_\_  $= -89$
7.  $(-33) +$  \_\_\_\_\_  $= 79$

### Answer the following questions:

8. Write the digits 0, 1, 2, 3, ..., 9 in this order and insert '+' or '-' between them to get the result 3.
9. Arrange the following integers in the descending order :  $-3, 0, -1, -4, -3, -6$
10. A man has Rs. 20,000 in his account in a bank. He withdraws Rs. 3000 per month for the first two months and deposits double of this amount on third month. What will be the balance in his account after 3 months?
11. In a test (+5) marks are given for every correct answer and (-2) marks are given for every incorrect answer
  - i) Rohan answered all questions and scored 24 marks though he got 8 correct answers.
  - ii) Smitha answered all questions and scored (-15) marks though he got 3 correct answers.  
How many incorrect answer had they attempted?
12. An elevator descends into a mine shaft at the rate of 6m per minute. If the descent starts at 10 m above the ground level, how long will it take to reach -350 m.

**Fill in the blanks:**

1.  $56.09 \times 10 = \underline{\hspace{2cm}}$
2.  $49 \div 1 = \underline{\hspace{2cm}}$
3.  $\underline{\hspace{2cm}} \times 37 = 1$
4.  $7.005 \times 100 = \underline{\hspace{2cm}}$
5.  $1.1 \times 0.1 \times 0.01 = \underline{\hspace{2cm}}$
6.  $3.45 \div 25 = \underline{\hspace{2cm}}$
7.  $48.75 \div 100 = \underline{\hspace{2cm}}$
8.  $0.99 \div 1.1 = \underline{\hspace{2cm}}$

**Answer the following questions:**

9. Find the area of rectangle whose length is 5.7cm and breadth is 3 cm.
10. Find: (i)  $15.5 \div 5$  (ii)  $0.1 \times 51.7$
11. A car covers a distance of 89.1 km in 2.2 hours. What is the average distance covered by it in 1 hour?
12. Sushant reads  $\frac{1}{3}$  part of a book in 1 hour. How much part of the book will he read in  $2\frac{1}{5}$  hours?

## CHAPTER 3(RATIONAL NUMBERS)

### Fill in the blanks:

1. Additive inverse of  $\frac{2}{3}$  is \_\_\_\_\_.
2. The reciprocal of \_\_\_\_\_ does not exist.
3.  $\frac{2}{5} = \frac{\quad}{30}$
4. Multiplicative Inverse of  $\frac{-3}{5}$  is \_\_\_\_\_

### Answer the following questions:

5. Represent  $\frac{-3}{5}$  on the number line
6. Reduce  $\frac{55}{66}$  into the standard form.
7. List five rational numbers between  $-4$  and  $-3$ .
8. Give four equivalent numbers for  $\frac{3}{5}$
9. Arrange  $\frac{2}{3}, \frac{-3}{5}, \frac{1}{3}, \frac{5}{5}$  in Descending Order.
10. Arrange  $\frac{1}{5}, \frac{2}{6}, \frac{11}{30}, \frac{3}{2}$  in ascending order.



Solve the following crossword puzzles:

64	÷		=	8		÷	2	=	27
÷					÷				
	÷		=	2		÷	2	=	
=					=				
32		÷		=	9				

8		8	+		+	2	-	10	+
+		-							13
3		10							=
+		-		-	25	-	10	+	23
	=	22		5					
				+		-	17	-	11
5	-	7	-			13			+
=						+			4
10	+	13	+	17	-				=
									8

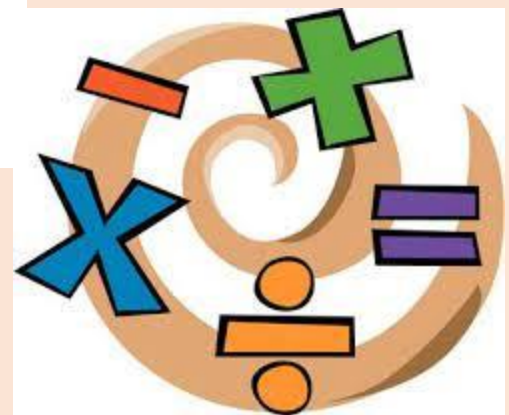
# Math Crossword Puzzle



	+		=	14
*				
6	+	1	=	
=				
12	-		=	



11	+		=	24	
			+		+
10	+		=	22	
			=		=
		36			35



## Subject – Science

1. Complete practical files.
2. Assignment: - Note the minimum and maximum temperature of your city for 15 days. Tabulate the data and mark the hottest and coldest day, convert the temperature into Fahrenheit scale.
3. Imagine and write a short conversation between a leguminous plant and nitrogen fixing bacteria (rhizobium) on assignment sheet.
4. Learn and write the symbols of first 20 elements in your FNB.
5. Here are given valencies of some elements

Hydrogen	=	+1	Magnesium	=	+2
Oxygen	=	-2	Chlorine	=	-1
Sodium	=	+1	Calcium	=	+2
Aluminium	=	+3	Iron	=	+2, +3
Zinc	=	+2	Nitrogen	=	-3
Copper	=	+1, +2	Sulphur	=	-2
Carbon	=	4	Fluorine	=	-1

Using these valencies, make the chemical formula of following compounds.

- a) Magnesium oxide, magnesium chloride
- b) Sodium oxide, sodium chloride, sodium sulphide
- c) Calcium oxide, calcium chloride
- d) Aluminium chloride, aluminium oxide
- e) Carbon dioxide
- f) Iron oxide, Iron sulphide, Iron chloride
- g) Copper oxide, copper chloride, copper sulphide
- h) Zinc chloride, Zinc sulphide, Zinc oxide

Write on separate Test Note Book

## **Subject – Social Studies**

### Geography

1. Complete map file and do the following maps: -
2. States and their capitals
3. Union territories
4. Kingdoms of medieval period
5. The Mughal empire
6. Major earthquakes

### History

1. Prepare a timeline for Delhi sultanate and explain in 100 words: -
2. Make a flow chart on age of new kingdoms.
3. Create a timeline about the kings and emperors who came in India. Write about their dynasties and their achievements.

### Civics

1. Prepare a flow chart for fundamental rights and duties.
2. Write about the functions and powers of state Government. (Do the given work on separate TNB)

## **Subject – Computer Science**

1. Convert the following Decimal no. into Binary no. And verify your answer on TNB.

• 45	• 215
• 74	• 236
• 125	• 267
• 180	• 354
2. Learn and write shortcut keys and function keys on TNB.

## **Subject – Art and Craft**

- *Prepare your activity/ model given by the art teachers with the help of videos.*
- *Topics are already allotted in the class.*
- *Follow the steps given in the video.*
- *Prepare the given project beautifully and for any query contact art teachers.*
- *Best Materials will be selected for exhibition.*

## **Subject – Art Integrated Project**

*Topic : Natural vegetation & wildlife*

*Days 15*

*Date :6<sup>th</sup> June to 20<sup>th</sup> June 2023*

### *Guidelines:*

1. *It is compulsory to submit the Art Integrated Project involving subjects English, Hindi, Maths, Science and S.St.*
2. *Use colourful assignment sheets of A4 size to complete the project.*
3. *Draft acknowledgment on the very first page of the project (page 1)*
4. *Make index on page no.2.*
5. *Make collage, paste pictures and draw diagrams, figures, pie charts, bar graph etc. by using pencil colours, sketches or any other medium of colours wherever required.*
6. *Search the material required from any source available and mention the source under bibliography on last page.*
7. *Punch all the assignment sheets and tag in a decorated file.*
8. *Write beautifully in neat and clean handwriting.*

<i>Subject order</i>	<i>No. of assignment sheets</i>
<i>S. St</i>	<i>5 – 6 sheets</i>
<i>Mathematics</i>	<i>04 sheets</i>
<i>Science</i>	<i>6 – 7 Sheets</i>
<i>English</i>	<i>02 sheets</i>
<i>Hindi</i>	<i>02 sheets</i>

## *S. St*

- *Definition of natural vegetation.*
- *Types of natural vegetation found in India*
- *Write in detail about the natural vegetation found in India in the following table.*

<i>Types of natural vegetation</i>	<i>Name of state where found</i>	<i>Climatic conditions</i>	<i>Flora</i>	<i>Fauna</i>

*On the political map of India show the different natural vegetation in India and paste in assignment sheets.*

### *Mathematics:*

- 1. Draw bar graph related to types of vegetation in India on plain page.*
- 2. Write the percentage of vegetation present in Punjab on one line page.*
- 3. Draw the bar graph related to different kinds of vegetation in Punjab on plain page.*
- 4. Draw the table for percentage of vegetation in Punjab on ruled page.*
- 5. Paste picture related to natural vegetation.*
- 6. Conclusion*

### *Science*

#### *Adaptation in Animals*

- *Introduction*
- *Desert adaptation (camel)*
- *Mountain adaptation (sheep)*
- *Polar adaptation (polar bear)*
- *Grass land adaptation (Elephant)*
- *Aquatic adaptation (fish)*
- *Do on assignment sheets paste pictures also of these animals.*
- *You can use internet or charts of these animals.*

### *English*

- *Write an article on topic 'conservation of wildlife in 200 words.*
- *Make a collage on wild animals.*

### *Hindi :*

जंगली जीव जंतुओ की सुरक्षा पर किए जा रहे उपाय पर 100-120 शब्दों में अनुच्छेद लिखिये।

विषय से संबंधित चित्र बनाएँ या चिपकाएँ।