

Class -VII

Holidays Homework

Subject: English

Academic Tasks

- Practice the first twelve unseen passages from BBC.
 - Make a poster on any one topic (pg.141 Grammar Fest).
 - Complete worksheets on:
 - Synonyms
 - Antonyms
 - Idioms and Phrases
 - Homophones
 - Analogies
- (Page 450–458 from BBC)

ART-INTEGRATED ACTIVITY

- Recycle and Reuse a plastic bottle to make anything of your choice. Write down the steps once you are done .

(Pg. 63 Level up Vantage)

Revise the syllabus of Periodic test 2

C. A Melodious Companion

Unit 2 A. Nature's Queen

Determiners , Diary entry, Factual Description

Class 7 – Science Holiday Homework

Important Instructions:

- Only students with assigned roll numbers are required to prepare models, charts, and PowerPoint presentations.
- All work must be neatly presented and properly labelled.
- Use arrows, colored threads, and images wherever needed to creatively present information.

PowerPoint Presentation Topics (Roll Number-wise)

Roll Numbers	Assigned Topic
1, 4	Nutrition and its Modes (Autotrophic & Heterotrophic with examples)
7, 10	Human Digestive System (Include buccal cavity, food pipe, stomach, small intestine, large intestine, anus)
13, 16	Types of Teeth (Incisors, Canines, Premolars, Molars), Tooth Decay and its Prevention
19, 22	Taste Buds & Tongue – Types of tastes (sweet, sour, salty, bitter) & Function of the Tongue
25, 28	Physical & Chemical Changes – With real-life examples
31, 34	Digestion in Ruminants – Include Rumination and Digestion in Amoeba
37, 40	Heat – Modes of transfer (conduction, convection, radiation), types of Thermometers and their Uses

Worksheet Tasks

- Complete Question Answer from Worksheet:
Lesson 2 (Nutrition in Animals) – Page No. 25 to 35
Lesson 5 (Physical and Chemical Changes) – Page No. 74 to 84

Learning Task

Learn keywords and Question-Answers from PT2 syllabus. (Lesson :-2 and 5)

Chart Preparation (on A4 Size Sheet)

Roll Numbers	Chart Topic
1, 4, 7	Journey of food in Human Body – Digestive System (Use arrows and colored threads to show path)
10, 13, 16	Comparison Chart between Physical and Chemical Changes (Include real-life examples and images)
19, 22, 25, 28	Modes of Nutrition – Autotrophic & Heterotrophic (with examples)

31, 34, 37, 40

Measurement of Speed (Include formulas and examples)

Creative & Art Integrated Tasks

- Prepare a Tooth Structure using clay on an A4 size sheet.
Science Exhibition
- **Note:-**Students with Roll Numbers (1,4,7,10,13,16,19,22,25,28,31,34,37 and 40 are required to prepare a working model for **Science Exhibition** .
- **Participation is mandatory for these students as this activity carries weightage in the internal Assessment .For the remaining students,internal Assessment will be based on activities scheduled after the month of july**

Fair notebook related work

Complete fair notebook (if pending)

Happy Holidays 🎉

Subject -Social Science

I. Make a PPT on the following topics according to Roll No

Roll No.	Topic
1-10	Volcano
11-20	Understanding Media or Women Change the World
21-30	Ch-2(Sikh History) Contribution of Sikh Gurus-Shri Guru Har Rai Ji and Shri Guru Harkrishan Ji
31- 40	The Mughals-16th to 17th Century

II. Prepare a chart on A4 sheet

Roll No.

- | | |
|--------|--|
| 1-10 | (a) Interior of Earth |
| 11-20 | (b) Components of Earth |
| 21-30 | (c) Rock Cycle and
(d) Spring tide and Neap tide |
| 31-40. | (e) Types of Media and
(f) Collage on different types of
Pollution |

III. Prepare a model :

Roll No.

- | | |
|----------|--|
| 3,6 | (a) Domains of the Earth |
| 9,12 | (b) Continental crust and
Oceanic crust |
| 15,18. | (c) A Delta |
| 21,24. | (d) Types of Settlements |
| 27,30. | (e) Markets Around Us |
| 33,36,39 | (f) Process of Making Shirt |

IV. Learn and Do written practice of syllabus for weekly Test

Geography: Chapter- 2 (Inside Our Earth)

History: Chapter- 1 (Tracing changes Through a Thousand Years)

Civics: Chapter- 2 (Role of the Government)

V. Complete notebooks with diagrams and activities.

VI. Do the assignment also on separate note book.

Maths Holidays Homework Class-7th (Session 2025-26)

- Complete the Maths Notebook of CH- 1 to 5.
- Learn the tables 2 to 20
- Complete the assignment on Separate note-book.
- Prepare Maths model assigned to roll numbers:
2,5,8,11,14,17,20,23,26,29,32,35,38,41

Comprehensive Assignment

- 1 Write a pair of Integers whose (i) sum is -6 (ii) difference is -4
2. Fill in the blanks : a) On dividing a negative integer by itself the quotient is ____
(b) $(-5) \times 0 \times (-24) \times (-17) = \dots\dots\dots$ (d) $(-13) \times 3 \times (-5) \times (-1)$
(c) $____ \div (-16) = 4.$ (e) $(-313) \div \dots\dots\dots = 1$
3. Temperature of a room is 22°C . If the temperature decrease 4°C every hour. What will be the temperature of the room after 8 hours?
4. In a quiz containing 10 Questions, For every correct answer 3 marks are given and for every incorrect answer -1 marks is given. Sonia attempts all the questions. She gave 7 correct answers and 3 incorrect answers. Find her final score.
5. Verify that for value $a = 2$, $b = 1$, $c = -1$
(i) $a \times (b+c) = a \times b + a \times c$ (ii) $a \div (b+c) \neq a \div b + a \div c$
6. Find a pair of integers (a,b) for which $a \div b = -2$
7. The cost of 2.5m Cloth is Rs 362.50 .find the cost of 1 m of Cloth?
8. Ravi's monthly salary is Rs. 12750. He Spends $\frac{1}{5}$ of his salary on food and out Of the remaining he spends $\frac{1}{4}$ on rent and $\frac{1}{6}$ on education of children. Find
(a) How much he spends on each item.
(b) How much amount is still left with him.
9. Multiply
(a) 1.245×1000 (b) 0.54×0.27
(c) 0.065×1.9 (d) 611.02×10
10. Divide
(a) $0.288 \div 0.9.$ (b) $0.0082 \div 1000$
(c) $4.46 \div 100.$ (d) $2.575 \div 25$
11. Savita is dividing $1\frac{3}{4}$ kg of sweets equally among her seven friends. How much does each friend receive?

12. Find the Perimeter and area of rectangle whose length is 9.3 cm and breadth 2.5 cm.

13. Which is greater: $\frac{1}{2}$ of $\frac{6}{7}$ or $\frac{2}{3}$ of $\frac{3}{7}$

14. (a) Find the mean of first five multiples of 10

(b) Find the mean of first six natural Numbers.

15. Marks obtained by the students in Maths test are :

90,63,86,72,83,59,91,75,70,85

(a) What is the highest score?

(b) What is the lowest score?

(c) What is the range of marks?

(d) Find the mean of marks?

16. Marks obtained by the students in Maths Exam are : 90,63,86,72,83,59,91,75,70,85

(a) What is the highest score?

(b) What is the lowest score?

(c) What is the range of marks?

(d) Find the mean of marks?

17. In class 7th, 13 students were given a Sudoku .The time taken(In minutes) by them to complete the Sudoku is given as : 10,10,2,15,10,15,8,12,15,10,10,13,20 Find the median and mode.

18. A Maths teacher wants to see the Result of 5 students of a class in PT1 and PT2 out of 25 marks

Students	Raman	Nitin	Pooja	Prashant	Neha
PT1	12	15	12	20	5
PT2	15	25	18	15	20

(a) Draw a double bar graph by choosing appropriate scale.

(b) Who scored the highest marks in PT1 and in PT2?

(c) Who scored least in PT1 and PT2?

(d) Which students scored equal in PT1 and PT2?

19. Frame an equation for the given statement: One fifth of a number is 18 less than twice the number. Also find the number.

20. Perimeter of rectangle is 96cm and its length is 3 times its breadth. Find its length and breadth.

21. Solve the equation by trial and error Method.

(a) $x+4=16$ (b) $4m=32$

22. Separate the variable and solve the equation $5x - 8 = 32$

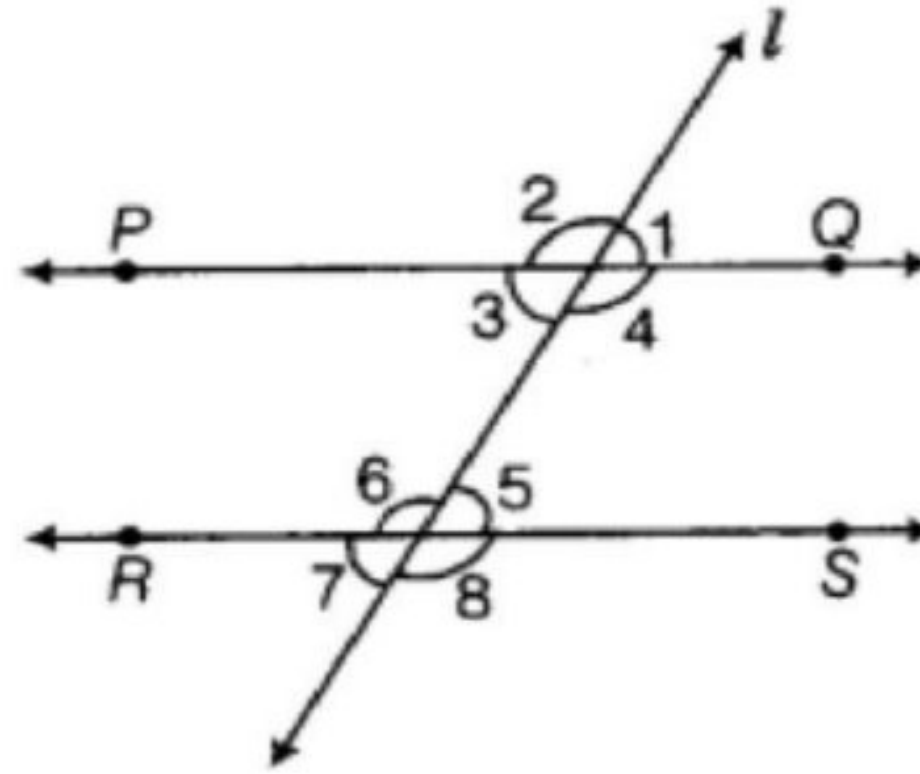
23. Anvi's mother is seven times as old as Anvi,if the sum of their ages is 32.Find their ages.

24. Write the simple equation for the given statement:

(i) The sum of three times a number x and 10 is 13

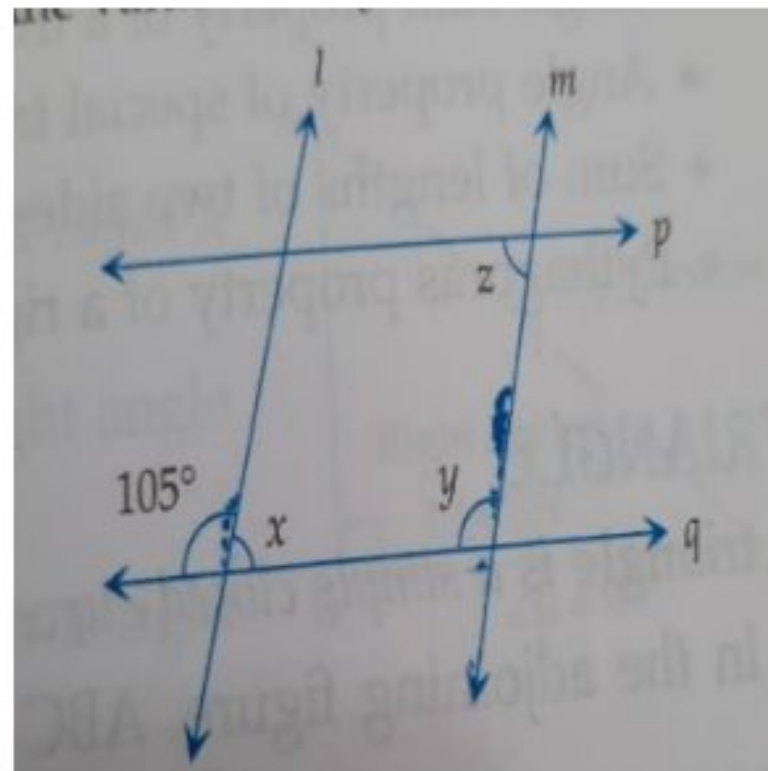
(ii) Taking away 5 from x gives 10.

25. Choose the correct value from bracket which satisfy the equation: $4y+17= 25$ (4,1,2,3)



26. The adjoining figure $PQ \parallel RS$, If $\angle 1 = 35^\circ$ then find angle $\angle 2, \angle 3, \angle 4, \angle 5, \angle 6, \angle 7, \angle 8$

27. In the given figure $l \parallel m$ and $p \parallel q$ find the value of x,y and z



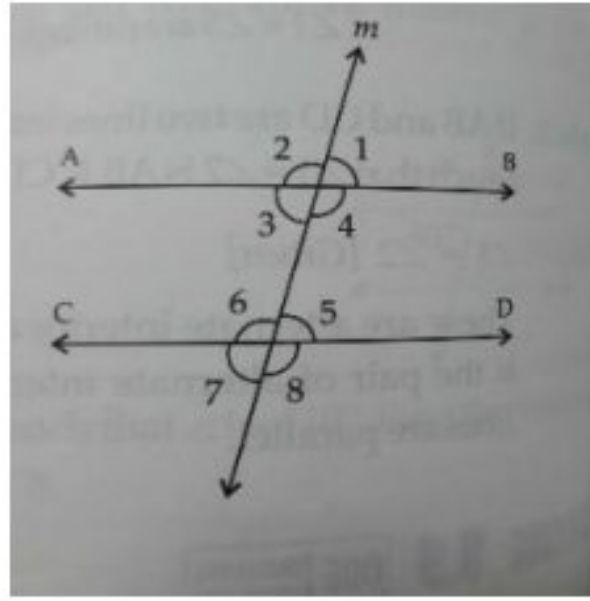
28. Two supplementary angles are equal. Find the angles.

29. Identify which of the following pairs of Angles are complementary and which Are supplementary

(a) $102^\circ, 78^\circ$ (b) $44^\circ, 46^\circ$ (c) $133^\circ, 47^\circ$

30. In the given figure name the following angles.

- (a) A pair of corresponding Angles.
- (b) A linear pair
- (c) Pair of interior angles on the same side of transversal
- (d) A pair of alternative exterior angles



- (e) Two pairs of vertically opposite Angles
- (f) A pair of alternate interior angles
- (g) A pair of adjacent angles

31. Fill in blanks:

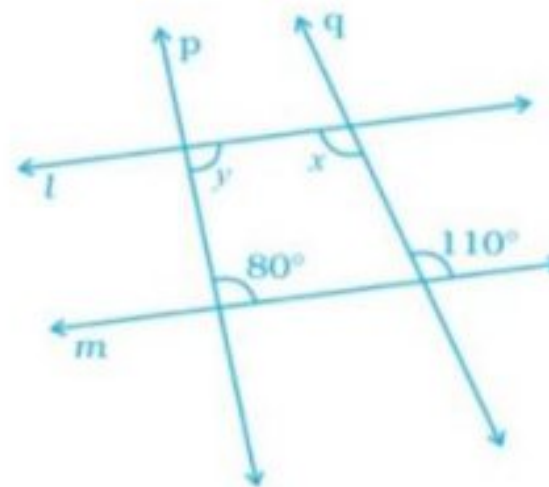
- (a) To Multiply a decimal number by 1000 move the decimal Point inside to ____places.
- (b) Adjacent angles have common ____ and ____
- (c) Angle sum of the linear pair is ____
- (d) The difference between the maximum and minimum values is called the ____ of the data

32. Find the Complement of angles – i) 34° ii) 68°

33. Find the supplement of angles – i) 115° ii) 147°

Case Study

34. Once Upon a time ,there was a young student named Sanjeev who loved mathematics he was particular fascinated with geometry and properties of the shapes. one day Sanjeev

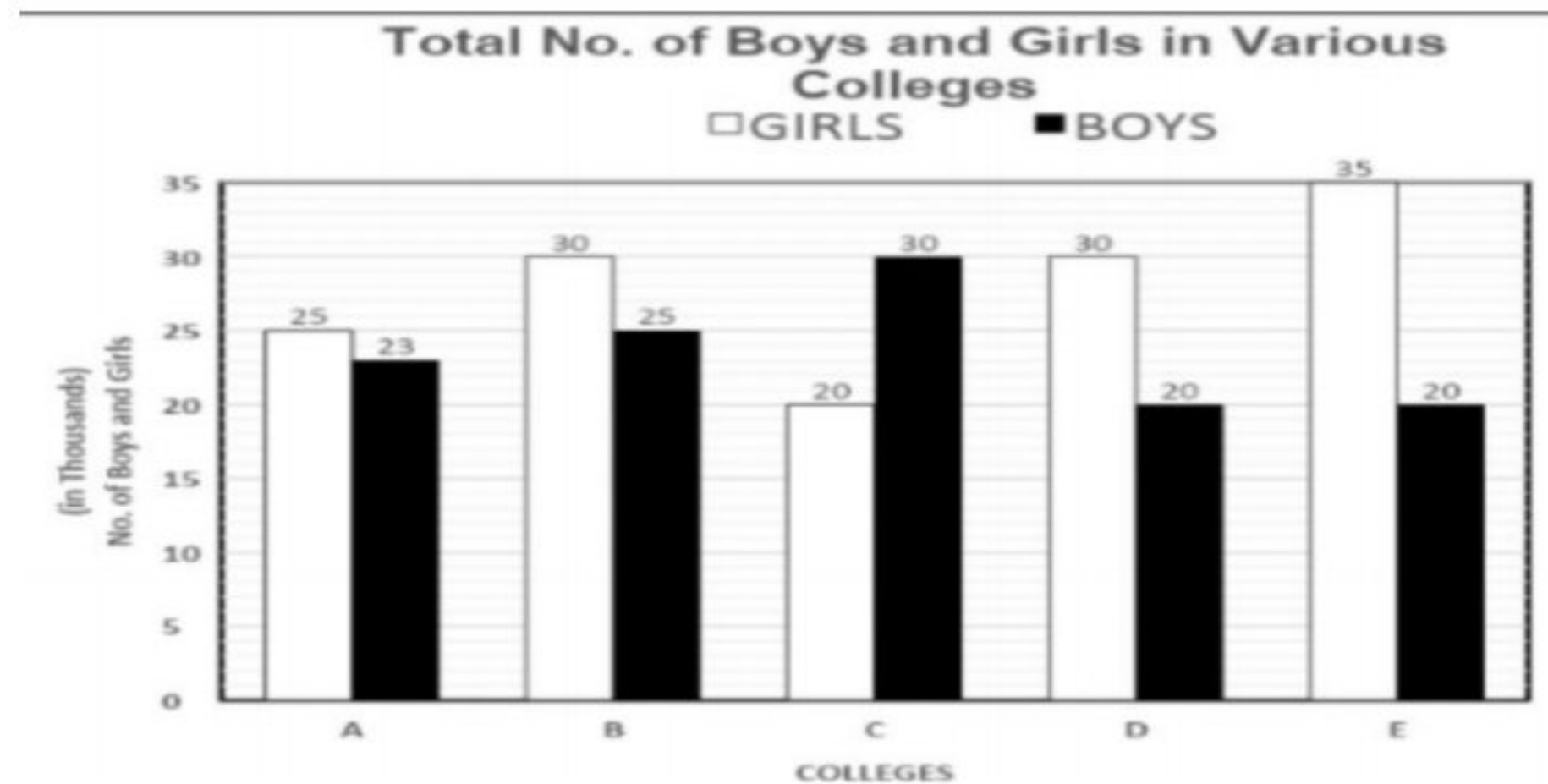


was given a challenging geometry problem to solve.he was asked to find the values of x &y in the given figure where two parallel lines l and m were intersecting by two transversals P and Q

- (a) What is the value of x?
- (b) What is the value of y?
- (c) Which angle has greater value?
- (d) Is these form the complementary angles?

35. GENDER DISTRIBUTION

Study the given graph showing the gender distribution in a few colleges in Zedland .Answer The questions given below according to the graph :



- The total number of girls in colleges D and E together are approximately what percent of the total number of girls in colleges A, B and C together?
- What is the respective ratio of the number of boys in college D to the number of boys in College B?
- What is the ratio of total number of boys in all the colleges to that of total number of Girls?
- Among the colleges which college has the best gender equality?

Assertion-Reasons

- Both assertion and reason are true, and reason is the correct explanation of assertion.
- Both assertion and reason are true, but reason is not the correct explanation of assertion.
- Assertion is true, but reason is false.
- Assertion is false, but reason is true.

36. **Assertion:** Product of two negative integers is positive

Reason : on multiplying even no. of negative integers answer will be positive

37.**Assertion:** $\frac{2}{5} \div \frac{4}{5} = \frac{1}{2}$

Reason : For division of two fractions reciprocal is taken of both the fractions

38. **Assertion:** $x=5$ is Solution of equation $3x-4 = 11$

Reason: The value of x is called Solution of the equation if it satisfy the both LHS AND RHS of equation

39. **Assertion:** Mode of data 6,4,5,6,6,2,3,6,9,4 is 6

Reason: Mode is the most occurred value of the data

40. **Assertion:** 114° and 56° are supplementary angles

Reason: The measure of sum of supplementary angles is 180°

📖 ਜਮਾਤ - ਸੱਤਵੀਂ 📖

🌟 HOLIDAYS HOME WORK 🌟

- ★ 1. ਲੇਖ: ਸ੍ਰੀ ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੰਘ ਜੀ, ਸ੍ਰੀ ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ, ਸੁੰਦਰ ਲਿਖਾਈ ਵਿੱਚ ਆਪਣੀ ਕਾਪੀ ਤੇ ਲਿਖੋ।
- ★ 2. ਪੱਤਰ: ਆਪਣੇ ਸਕੂਲ ਦੇ ਪ੍ਰਿੰਸੀਪਲ ਨੂੰ ਸਕੂਲ ਛੱਡਣ ਦਾ ਸਰਟੀਫਿਕੇਟ ਲੈਣ ਲਈ ਬਿਨੈ- ਪੱਤਰ ਲਿਖੋ।
 - * ਆਪਣੀ ਛੋਟੀ ਭੈਣ ਨੂੰ ਮੋਬਾਈਲ ਤੋਂ ਵਰਜਦਿਆਂ ਪੜ੍ਹਾਈ ਵੱਲ ਵਧੇਰੇ ਧਿਆਨ ਦੇਣ ਲਈ ਚਿੱਠੀ ਲਿਖੋ
 - * ਆਪਣੇ ਚਾਚਾ ਜੀ ਨੂੰ ਤੋਹਫ਼ੇ ਲਈ ਧੰਨਵਾਦ ਪੱਤਰ ਲਿਖੋ।
- ★ 3. ਪੜਨਾਂਵ ਅਤੇ ਇਸ ਦੀਆਂ ਕਿਸਮਾਂ ਦਾ ਚਾਰਟ ਬਣਾਉ |
- ★ 4. ਕਿਸੇ ਇੱਕ ਪੰਜਾਬ ਦੇ ਲੋਕ ਗਾਇਕ ਦੇ ਜੀਵਨ ਨਾਲ ਸੰਬੰਧਿਤ ਸਮਗਰੀ ਇਕੱਠੀ ਕਰਕੇ ਉਸ ਬਾਰੇ ਲਿਖੋ |
- ★ 5. ਪਾਠ -1,2,3,4,5,6, ਦਾ ਅਭਿਆਸ ਕਾਰਜ (ਪ੍ਰਸ਼ਨ ਉੱਤਰ, ਵਾਕ , ਸ਼ਬਦ ਅਰਥ) ਚੰਗੀ ਤਰ੍ਹਾਂ ਯਾਦ ਕਰੋ।
- ★ 6. ਮੁਹਾਵਰੇ (11- 20), ਅਗੋਤਰ (ਸਫਾ 80 ,ਪਹਿਲੀ ਸਤਰ), ਪਿਛੇਤਰ (ਸਫਾ 81 ਪਹਿਲੀ ਸਤਰ) ਯਾਦ ਕਰੋ, ਸਮਾਨਾਰਥਕ ਸ਼ਬਦ(1-15), ਵਿਰੋਧੀ ਸ਼ਬਦ (ਸਫਾ 83 ਦੂਜੀ ਸਤਰ)
- ★ 7. ਕਿਸੇ ਵੀ ਇੱਕ ਵਿਸ਼ੇ ਤੇ ਇੱਕ ਸਵੈ- ਰਚਨਾ ਕਵਿਤਾ/ ਕਹਾਣੀ/ ਵਾਰਤਕ/ ਸਫਰਨਾਮਾ/ ਅਸਲ ਜੀਵਨ ਤੇ ਅਧਾਰਿਤ ਕੋਈ ਘਟਨਾ / ਚੁਟਕਲੇ ਕੋਈ ਇੱਕ ਅਸਾਇਨਮੈਂਟ ਸੀਟ ਉੱਤੇ ਲਿਖੋ।



★ **Art integrated activity**

ਪੰਜਾਬ ਅਤੇ ਆਂਧਰਾ ਪ੍ਰਦੇਸ਼ ਦੀ ਤੁਲਨਾ ਕਰਦੇ ਹੋਏ ਇੱਕ ਪ੍ਰੋਜੈਕਟ ਬਣਾਓ।

- * ਘੁੰਮਣ ਫਿਰਨ ਲਈ ਜਗਾਵਾਂ (1-20)
- * ਲੋਕ ਖੇਡਾਂ (21-onwards)

ਨੋਟ :- 📌 ਉਪਰੋਕਤ ਲਿਖਤੀ ਕਾਰਜ ਆਪਣੀ ਪੱਕੀ ਕਾਪੀ ਉੱਤੇ ਸੁੰਦਰ ਲਿਖਾਈ ਵਿੱਚ ਲਿਖੋ |

HAPPY HOLIDAYS

 ग्रीष्मकालीन अवकाश कार्य 

कक्षा- सातवीं (विषय- हिंदी)

- 1 . पाठ 1,3,4, 5 की प्रश्न -अभ्यास सहित दोहराई करें।
2. उन्मुक्त(स्वतंत्र) पक्षी और पिंजरे में कैद पक्षी का चित्र बनाकर दोनों के विषय में अपने विचार व्यक्त कीजिए।
- 3.मानव की वर्तमान जीवन- शैली और शहरीकरण के कारण प्रकृति में आ रहे निरंतर बदलाव से चिंतित दो पक्षियों के बीच हुई बातचीत को संवाद के रूप में लिखिए।
4. संज्ञा की परिभाषा तथा भेद और कारक की परिभाषा तथा उसके भेद का सुंदर- सा फ्लोचार्ट अपनी हिंदी की कॉपी पर बनाए।
5. 'रक्तदान शिविर' तथा 'गोल्डन जूते' पर एक आकर्षक विज्ञापन हिंदी की कॉपी पर बनाइए।
6. पर्यायवाची शब्द (1 से 20) तथा विलोम शब्द (सावधान से हिंसा) याद करो।
7. कोई दो पत्र कॉपी पर लिखिए -

▶ विद्यालय में खेल के सामान की कमी के विषय में बताते हुए प्रधानाचार्य को पत्र लिखें।

▶ छात्रावास में रहने वाले अपने छोटे भाई को मन लगाकर अध्ययन करने की सलाह देते हुए पत्र लिखिए।

▶ अपने विद्यालय के प्रधानाचार्य को अपनी बड़ी बहन के विवाह के कारण अवकाश के लिए आवेदन पत्र लिखिए।

8.निम्न विषयों पर अनुच्छेद लिखें-

▶ पराधीन सपनेहु सुख नाहिं

▶ प्रश्न पत्र मिलने से पांच मिनट पहले।

9. Newsletter ke liye स्वरचित कविता/शिक्षाप्रद लघु कथा लिखें।

NOTE-

📄 DO HOLIDAY HOMEWORK IN YOUR HINDI FAIR NOTEBOOK

📄 Write स्वरचित कविता /शिक्षाप्रद लघु कथा on A4 size sheet. Mention your Name & Class with section

Class 7th Computer Holiday's Homework

- Learn Chapter No. 4 (**Internet – Ethics and Safeguard**) and Chapter No. 5 (**Google Apps**) for test after the Holidays.
- Prepare a Chart from any one of the following topics:-
 - ❖ Google Apps
 - ❖ Cyber security awareness
 - ❖ Cloud Storage
 - ❖ Consumer Awareness

You can take the examples of the following pictures to prepare a chart or you can take the help of internet to search the above given topics. **Use A3 sheet only to prepare your charts.**



NOTE:- Dear students PDF of both the chapters has been sent in your class group. So, if you have not completed your work till now, you can take the help of PDF to complete your books.