SUMMER HOLIDAY HOMEWORK (2022-2023)
CLASS VII

English	
	Instructions
All work to be done on A 4 size ruled sheets.
1. Imagine you are Alexa/ robot and it is your first day in a new house with a new family . Write a paragraph stating your experience as Alexa/robot in 100 words.
2. Smita went to a famous mall . She saw her favourite movie star there . She wanted a selfie with her but she never thought a star could behave like that ' . Write a short story with the beginning given. Also, add an attractive title to your story.
3. Draft a creative poster to spread awareness against the use of polythene bags.
4. Read the novel " Little women" till chapter 6 and frame 2 short questions with answers from each chapter.
5. Make a mini dictionary of the difficult words used in the above given novel till chapter 6.
6. Mark 10 antonyms and 10 synonyms from the prescribed novel.
7. Make a beautiful creative bookmark for your literature and grammar book decorate it and write an inspirational quotation by a well known poet or author.
8. Learn to prepare any two dishes which don't require gas cooking . Also, write the procedure for it and click picture of yourself holding the dish.
9. Imagine you live in hostel and you are feeling homesickness. Write a letter to your mother expressing your feelings and thoughts.
10. On the occasion of father's day (21st June 2022) frame a creative poem by your own.
11.Do worksheets from Pg - 2 till 25 from ' Ready to Step Up workbook'.
12. Do worksheet -1,2 and 3 from Grammar and Language skills workbook
13. Make a book jacket for your Gulmohar Reader book with reference to Ch - 1. Use any new form of art to design your book jacket .ex - cubism. The jacket should be the size of your Gulmohar Reader book.
14. From your prescribed grammar book Ch - 23 , do reading comprehension from A to D.
15. Write an application to the Principal of your school requesting her for permission to set up an "English Debating Club" at your school.
Hindi	
	1. खुद को नकारात्मक विचारों से दूर रखने के उपायों को लिखें।
2. 'नादान दोस्त " कहानी हमें किन मानवीय मूल्यों की शिक्षा देती है ?
3. नादान दोस्त कहानी के आधार पर केशव का चरित्र चित्रण करें।
4. बड़े भाई को पत्र पाठ के आधार पर डॉक्टर राजेंद्र प्रसादजी के चरित्र की विशेषताएँ लिखें।
5. बड़े भाई को पत्र पाठ में किन पारिवारिक मूल्यों के बारे में बताया गया हैं ?
6. गांधीजी के तीसरे दर्जे की यात्रा पाठ का सारांश लिखें।
7. कार्यपत्रिका (वर्कशीट) पृष्ठसंख्या 2,3,4 पूरा करें।
8. प्रेमचंद की कहानियाँ में से " नशा " एवं " बौरम " नामक कहानी पढ़ें और कहानी पर आधारित पाँच प्रश्न बनाकर उनके उत्तर लिखें।
9. शब्द भंडार पाठ 15 में से पर्यायवाची एवं विलोम शब्द याद करें।
10. आपने अपनी गर्मी छुट्टियाँ किस प्रकार मनायी , उसका वर्णन या वृतांत लिखे।

| **Mathematics** | Q1. Simplify: $(-16) \times (-15) + (-16) \times (-5) =$ _____ .

Q2. The sum of two integers is 6. If one of them is -3, then find the other number.

Q3. Fill in the blanks: $(-31) \div [(-30) + (-1)] =$ _____

Q4. How many pieces of plywood, each 0.35 cm are required to make a pile 1.89 m high?

Q5. A certain freezing process requires that room temperature be lowered from 30°C at the rate of 5°C every hour. What will be the room temperature 5 hours after the process begins?

Q6. An elevator descends into a mine shaft at the rate of 5 m/min. If the descent starts from 50 m above the ground level, how long will it take to reach – 150 m.

Q7. Each side of a square field is $4\frac{2}{3}$ m. Find its area.

Q8. Each side of a polygon is 3.8 cm in length and its perimeter is 22.8 cm. How many sides does the polygon have?

Q9. Meterology : One measure of average global temperature shows how each year varies from a base measure. The table shows results for several years.

Year	1958	1964	1965	1978	2002
Difference from base	0.10°C	-0.17°C	-0.10°C	$(\frac{1}{50})$ °C	0.54°C

See the table and answer the following:
(a) Order the five years from coldest to warmest.
(b) In 1946, the average temperature varied by -0.03°C from the base measure. Between which two years should 1946 fall when the years are ordered from coldest to warmest?

Q10. Activity : Compare the marks obtained in all the subjects by a student in the first and second term examinations by bar graph.

Subject	English	Hindi	Mathematics	Science	Social Science
Marks in 1st term	76	81	94	89	73
Marks in 2nd term	74	76	96	92	71

Q11. The sum of two integers is -56. If one of them is 35, find the other.

Q12: Simplify:

   (a) 12+ [31-(4+ (16 x8-5+ 2)}}
   (b) 42 (14+2 (9x15+3))

Q13: Find which is greater?

(a) (3+7) x 15 or 3+ 7 x 15
 (b) 20 x (10-2)or 20 x 10-2

Q14.Evaluate: |

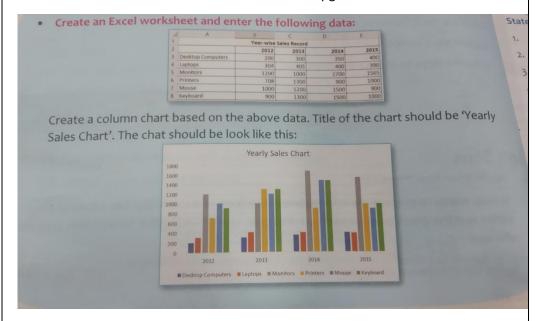|	

	(a)(-450) (-30) + 50
	(b) (-2) x (-4) x (5)
	
	Q15.A boy spent of his money on buying clothes and of his money on buying shoes. If initially he has Rs 2,400 then find the amount spent on shoes.
	
	Q16. Simplify.
	
	(a) 0.1957 +54.21-3.23-0.147
	(b) 23.2 x 0.2 x 5
	(c) 4.4064 + 4
	
	Q17. ACTIVITY
	   • Represent the following product of decimal numbers on a square by drawing horizontal/vertical lines and shading:
	   0.3 x 0.7
	  18. **Ready to Step Up :** Complete worksheets from Chapter 1 to 4. (Page no. 2 to 15)
	
	   19. **Mathematics Lab kit :** Complete worksheets of Ch- 1 and 2.
	
	   20. Complete page no. 90 to 95 from Mental Math.

Science	**Science Work book** 1. Do work sheets of Ch- 1 to Ch – 7(Page number - 1 to 23). **Lab Manual** 1. Revision of concepts of Ch-1, 2, 3 & 4. 2. Learn viva-Voce of Ch- 1, 2, 3 & 4. 3. Make turmeric paper indicator (Experiment 5.2, page no 2). 4. Make a model to show mechanism of breathing (Experiment 10.3, page no 60). 5. Measure the change in the size of chest during breathing and record your observation in the table provided in page no 58 (Experiment 10.1, page no 58). 6. Make a video showing the actual amount of water for human use (Experiment 16.1, page no 99) 7. Make a video showing the effect of water scarcity on plants (Experiment 16.2, page no 100) **Science Text Book** 1. Learn and write important points of Ch- 4 (in notebook) 2. Do exercise F and G of Ch- 3 & 4 (in notebook).

SocialScience	**1**. Make a list of the important temples of the Chola empire and collect their pictures and other important information about them.
	2. Collect and paste at least two pictures of each of three different kinds of rocks.
	3. Write a detailed note on the different kinds of Government by giving suitable examples.
	4. On an outline map of India locate and mark the following rivers:-
	   a) Indus
	   b) Satluj
	   c) Ravi
	   d) Beas
	   e) Chenab
	   f) Jhelum
	5. List the monuments which have the following rocks/minerals as the basic material
	   a) Red sandstone
	   b) Marble
	   c) Yellow sandstone
	   d) Granite
	6. Collect the symbols of political parties and paste them in your notebook.
	7. What are the major uses of rocks and minerals.
	8. Explain that accounts of foreign travellers are the important sources to know our history.
	9. What important role does the opposition play in a democracy.
	10. Describe the formation of sedimentary rocks. How do they tell us a lot about the history of the earth.
	11. Describe the social condition of the African American in the USA before the civil right movement. Narrate the incident that mark the beginning of this movement.
	12. Give an account of the history of democracy in the form of a flowchart.
	13. What are archaeological sources of history? Explain any two with examples.
	14. Write a note on the first battle of Panipat.
	15. On an outline map of India Mark and colour the extent of the following empires:-
	a) Alauddinkhilji's Empire
	b) Mohammed bin tuglaq's Empire.
	c) Lodi Empire

Sanskrit	1. संस्कृत पाठ्य पुस्तक में पाठ 1 एवं 2 याद करें। 2. शब्दकोश — फलसब्ज़ीयाँ , भोजन , व्यंजन , व्यवसाय , शरीर के अंग तथा पशु पक्षी के नाम याद करके लिखे। 3.शब्द कोश में से किन्ही दस शरीर के अंगो के नाम तथा पशु पक्षियों के नाम लिखे एवं उनका चित्र बनाएँया चिपकायें। 4. संस्कृत वर्णमाला के वर्णों की तालिका बनाएँ। 5 संस्कृत व्याकरण पाठ 1 एवंपाठ 2 के अंत में दिए गए किन अधितम लिखे एवं याद करें। 6. शब्द रूप लिखे एवं याद करें — अस्मद , किम (पुलिंग, स्त्रीलिंग , नपुंनसकलिंग) 7. धातुरूप लिखे — (लट , लृट , लंगलकार) चल , हस, धाव , खाद। 8. लंग लकार का प्रयोग करते हुए संस्कृत भाषा में पाँच वाक्य लिखे। 9. किन्ही दस शब्दों का वर्ण वियोजन करें एवं वर्णसंयोजन का अभ्यास करें। 10. संस्कृत पाठ्य पुस्तक के पाठ 1 एवं पाठ 2 के आधार पर सप्तमी कक्षा और वन भोज शीर्षक पर पाँच वाक्य संस्कृत भाषा में लिखे और चित्र भी चिपकाएँ।

Computer	
	Q1. Why do we need Number Systems?
	Q2. Name the famous mathematician who introduced the concept of 0(zero).
	Q 3. Way of representing numbers in 0's and 1's form is referred to as
	a) binary notation
	b) decimal notation
	c) hexadecimal notation
	d) octal notation
	Q4. Decimal number 5 in Binary coding is equal to
	a) 101.
	b) 1001
	c) 1010
	d) 1100
	Q5. Convert the following decimal numbers into binary numbers:
	a) 20
	b) 30
	c) 40
	d) 50
	e) 60
	Q6. Convert the following binary numbers into decimal numbers:
	a) 100
	b) 101
	c) 110
	d) 011
	e) 111
	Q7. Find the real life uses of the different types of charts in MS Excel.

Q8. Create an Excel sheet and enter the data. Refer pg. 24 of the book.

Create an Excel worksheet and enter the following data:

	A	B	C	D	E
1		Year-wise Sales Record			
2		2012	2013	2014	2015
3	Desktop Computers	200	300	350	400
4	Laptops	304	405	400	390
5	Monitors	1200	1000	1700	1565
6	Printers	708	1300	900	1000
7	Mouse	1000	1200	1500	900
8	Keyboard	900	1300	1500	1000

Create a column chart based on the above data. Title of the chart should be 'Yearly Sales Chart'. The chat should be look like this:

- Revise the question answer done in computer note book.
- Complete the exercises of chapter 3. Advanced Features of Ms Excel.

Date of submission of Holiday Homework of all subjects on **27/6/2022**