



ST. ALBANS SCHOOL

Sector – 15, Faridabad

Session: 2022-2023

HOLIDAY HOMEWORK

Class: VII

Subject: English

General Instructions:

1. Revise the syllabus of UT1.
2. Revise 3 forms of verbs (regular and irregular).
3. Read short stories by your favourite author.
4. Read the novel 'The Invisible Man'.
5. Write self-composed poems/articles and send them to the Children's World Magazine.
6. Watch the movie 'Willy Wonka and the Chocolate Factory' and 'The Jungle Book' and listen to the TED Talks.

Do the work on an A4 size sheet and keep it in a folder

• DIARY ENTRY

Refer to the following format of a diary entry and practice one in the assignment sheet only.

Diary entry format
Day, Date
Time
Salutation (Dear Diary)
.....
.....
.....
.....
.....
Signature/ Name of The writer

Q1. Write a diary entry describing how you saved an injured puppy on your way back from school. (Include when and where you found the puppy, what injury it had, and how you saved it.)

Q2. Fill in the blanks with an appropriate form of the noun.

1. Could you pass me? I have spilled some juice on the floor. (a cloth, a clothing)
2. I must buy (a clothing, a cloth, a piece of clothing)
3. The poor man was arrested for stealing (a bread, a loaf)
4. How money do you earn in a week? (much, many, Either)
5. A struck the building. (Lightning, piece of lightning, flash of lightning)
6. I have got to do. (much work, many works)
7. I was held up by (traffic, the traffic, the traffics)
8. Politics a dirty game. (is, are)
9. We are all eager to increase our (knowledge, knowledges)
10. Six people lost their in the accident. (life, lives)

Q3. Decide whether the highlighted nouns are countable (C) or uncountable (U)

1. The **children** are playing in the garden.
2. I don't like **milk**.
3. I prefer **tea**.
4. **Scientists** say that the environment is threatened by pollution.
5. My mother uses **butter** to prepare cakes.
6. There are a lot of **windows** in our classroom.
7. We need some **glue** to fix this vase.
8. The **waiters** in this restaurant are very professional.
9. My father drinks two big **glasses** of water every morning.
10. The **bread** my mother prepares is delicious.
11. I'd like some **juice**, please!
12. **Drivers** must be careful, the road is slippery.

Q4. Editing: Locate the incorrect word in the following paragraph and add them to the columns with the correct words.

	INCORRECT	CORRECT
Once there was a king who	1 _____	_____
thought only to himself.	2 _____	_____
He only talked about her own charms	3 _____	_____
and conquests in a court all day.	4 _____	_____
He wants people to believe his tales	5 _____	_____
and talked about his great to everyone.	6 _____	_____

Please find the link to reading books for holiday homework for students.

<https://storyweaver.org.in/reading-programme/4?language=en>

<https://youtu.be/e-eqls2VMXg> (The stranger)

<https://youtu.be/ekCQKmLRGiE> (Henry: a chameleon)

विषय -हिंदी

निर्देश -

- साफ़ व सुंदर लेख में कार्य करें |
- कार्य को शीट्स पर कर एक फोल्डर में रखें।

1. दिए गए लिंक को खोल कर कहानियाँ पढ़ें और अपनी मनपसंद कहानी का सार लिखें।

<https://storyweaver.org.in/reading-programme?language=hi>

1. दादा - दादी ,नाना - नानी ,माता - पिता के साथ समय बिताएँ। उनसे सीखा अथवा उन्हें सिखाया कोई वृत्तांत लिखें।
2. जब भी कहीं बाहर जाएँ तो प्रकृति को निहारें और प्राकृतिक सौंदर्य पर 80 - 100 शब्दों का एक अनुच्छेद लिखें।
3. प्रथम इकाई परीक्षा के लिए पाठ्यक्रम की पुनरावृत्ति करें।
4. नीचे दिए गए आम बोलचाल के शब्दों व उनके शुद्ध हिंदी रूप को पढ़ें और समझें तथा ऐसे ही 10 नए शब्द लिखें।

कोशिश - प्रयास

जतन - यत्न

मोल - मूल्य

अजीब - विचित्र

चीज़ - वस्तु

5. लेखक 'सुदर्शन' की 'मातृ स्नेह' और 'आशीर्वाद' कहानियाँ पढ़ें।
6. पूरक पुस्तक 'बाल महाभारत कथा' के पाठ 1 - 6 पढ़ें और 10 प्रश्न बनाकर उनके उत्तर लिखें।
7. एक आकर्षक कठपुतली बनाएँ।
8. नीचे दिए गए लिंक को खोलकर प्रधान मंत्री मोदीजी की 'मन की बात' को ध्यानपूर्वक सुनें।

<https://youtu.be/thUXYWp0VvU>

Subject: Mathematics

General Instructions:

- Do this work in your Practice copy.
- Solve the following puzzles to sharpen your mind.
- Explore Diksha app and read the comic book – Journey Around Zero.
- Revise the UT 1 syllabus.

Q1. Which is greater $5/12$ or $5/25$.

Q2. Add the following

(i) $6 + 4\frac{7}{8} + 6\frac{3}{16}$

(ii) $1\frac{4}{5} + 2\frac{3}{7}$

Q3. Find the difference of $4\frac{3}{5}$ and $1\frac{2}{15}$

Q4. State True / False:

- A decimal fraction is a fraction where the denominator is 10 or higher power of 10.
- Every integer can be expressed as a fraction.
- Like decimals have the same number of decimal places.
- Natural numbers can be expressed as a proper fraction.
- The reciprocal of a proper fraction is a proper fraction.
- The reciprocal of an improper fraction is an improper fraction

Q5. A fruit seller buys 712 fruits, $\frac{3}{4}$ of which are apples. Of all the apples that he bought, $\frac{1}{3}$ were found to be rotten. If he sold all the good apples at Rs $5\frac{1}{2}$ each. How much money did he receive on selling all the good apples.

Q6. Write two equivalent fraction of $\frac{6}{8}$

Q7. Simplify $(2\frac{1}{2} + \frac{1}{5}) / (2\frac{1}{2} \div \frac{1}{5})$

Q8. Find $\frac{2}{9}$ of 3 years

Science Application

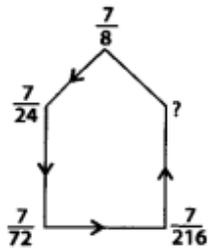
Q9. In her science class, Jyoti learned that the atomic weight of Helium is 4.0030; of Hydrogen is 1.0080; and of Oxygen is 16.0000. Find the difference between the atomic weights of:

- Oxygen and Hydrogen
- Oxygen and Helium
- Helium and Hydrogen

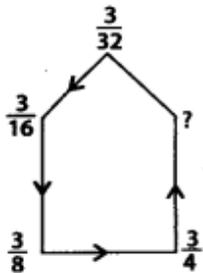
Q10. Measurement made in science lab must be as accurate as possible. Ravi measured the length of an iron rod and said it was 19.34 cm long; Kamal said 19.25 cm; and Tabish said 19.27 cm. The correct length was 19.33 cm. How much of error was made by each of the boys?

Q11. Directions: In given figures, replace “?” with the appropriate fraction.

a)



b)



Q12. Complete the following table by finding the sums.

+	$-\frac{1}{9}$	$\frac{4}{11}$	$-\frac{5}{6}$
$\frac{2}{3}$			
$-\frac{5}{4}$		$-\frac{39}{44}$	
$-\frac{1}{3}$			

Q13. Insert five rational numbers between:

(i) $\frac{-2}{3}$ and -1 (ii) $-\frac{1}{2}$ and $\frac{-3}{2}$

Q14. Evaluate the following:

$$\frac{-12}{-5} + \frac{7}{-3} + \frac{-5}{14} + \frac{22}{7}$$

Q15. Divide the sum of $-2\frac{15}{17}$ and $3\frac{5}{24}$ by their difference.

Q16. Draw the number line and represent following rational number on it:

(i) $(\frac{3}{8})$

(ii) $(-\frac{7}{9})$

Q17.

Simplify: $\left(\frac{3}{7} \times \frac{-5}{8}\right) + \left(\frac{1}{3} \times \frac{5}{6}\right) + \left|\frac{-1}{2} - \frac{1}{5}\right|$

Q18. What is to subtracted from 17.1 to get 2.051?

Q19 Find the product-

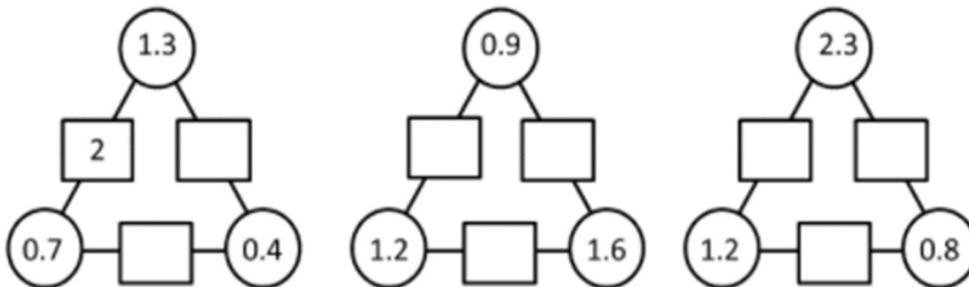
(i) $35.853 \times 100 = \underline{\hspace{2cm}}$

(ii) $20.708 \times 10000 = \underline{\hspace{2cm}}$

Q20.. A car covers a distance of 14.75 Km in one litre of petrol . How much distance will it cover in 15.5 litres of petrol?

PUZZLE 1

The numbers in the circles added together makes the number in the linking rectangle. Find the missing numbers in this puzzle.



PUZZLE 2

FRACTION RIDDLES

Use the clues to find the correct fraction from the 8 possibilities.

CHALLENGE 1

- My numerator is not one.
- I am greater than a half.
- My denominator is odd.
- I am not equal to a whole.

Who am I? _____

A $\frac{2}{7}$	B $\frac{1}{3}$	C $\frac{3}{4}$	D $\frac{4}{5}$
E $\frac{3}{3}$	F $\frac{5}{11}$	G $\frac{1}{2}$	H $\frac{3}{8}$

CHALLENGE 2

- I am not equal to a whole.
- My denominator is odd.
- I am less than a half.
- My numerator is even.

Who am I? _____

Subject: Science

Guidelines:

- Do the given questions on an A4 size ruled sheet and keep it in a folder.
- Do your work neatly.

Chapter- 6 Physical and chemical changes:

Q1. Is souring of milk a physical or a chemical change? Give reason.

Q2. We should eat freshly cut apple. Give reason.

Q3. The process of digestion is a chemical change. Give reason.

Q4. Which type of change takes place in the following and state whether the energy is evolved or absorbed during the change?

- Burning of candle
- Lightning of a bulb
- Preparation of food by green plants
- Volcanic eruptions
- Evaporation of petrol
- Burning of LPG

Q5. Rahul was a student of class VII, his father purchased a new bicycle for him on his birthday. After a few months, he found that the cycle chain and even the handle gets rusted. His father advised him to apply a coating of paint on the cycle and not to keep it in the open in future. Now, answer the following questions.

- Why his cycle gets rusted?
- What do you mean by rusting of iron?
- Write some methods to prevent rusting.

Chapter- 12 Reproduction in plants:

Q1. When we keep food items like bread and fruits outside for a long time especially during the rainy season, you will observe a cottony growth on them.

- What is this growth called?
- How does the growth take place?

Q2. Collect some flower of different plants like papaya, rose, mustard, lady finger, petunia, cucumber, corn, pea. Group them under following heads:

- Which of these plants have unisexual flowers?
- Which of these plants have bisexual flowers?
- What is the other name of unisexual and bisexual flower?

Q3. A, B, C, D and E are the various parts of a plant. Part A contains the reproductive organs of the plant. Part A ultimately leads to the formation of part B which contains seeds of the plant. Part C absorbs water and minerals from the soil and part D makes the food for the plant by the process of photosynthesis. Part E supports the plant and also carries the food prepared by D to all the parts of the plant. What are A, B, C, D and E?

Q4. Flowers are colourful and fragrant. Give reason.

Q5. What are the bulb-like projections forming in yeast called? How do yeast reproduce?

A) Given below is the list of elements from atomic number 1 to 20 along with their symbols.

Name of the Element	Symbol of the Element	Name of the Element	Symbol of the Element
Hydrogen	H	Sodium	Na
Helium	He	Magnesium	Mg
Lithium	Li	Aluminium	Al
Beryllium	Be	Silicon	Si
Boron	B	Phosphorus	P
Carbon	C	Sulphur	S
Nitrogen	N	Chlorine	Cl
Oxygen	O	Argon	Ar
Fluorine	F	Potassium	K
Neon	Ne	Calcium	Ca

B) Compounds used in our daily life with their formula.

Compounds	Formula	Compounds	Formula
Water	H ₂ O	Hydrochloric acid	HCl
Carbon dioxide	CO ₂	Sulphuric acid	H ₂ SO ₄
Glucose	C ₆ H ₁₂ O ₆	Nitric acid	HNO ₃
Potassium hydroxide	KOH	Zinc carbonate	ZnCO ₃
Magnesium hydroxide	Mg(OH) ₂	Sugar	C ₁₂ H ₂₂ O ₁₁
Ammonium hydroxide	NH ₄ OH		

C) Compounds with their common name and formula.

Compounds	Common name	Formula
Sodium chloride	Common salt	NaCl
Sodium bicarbonate	Baking soda	NaHCO ₃
Copper sulphate	Blue vitriol	CuSO ₄
Calcium carbonate	Chalk/Marble	CaCO ₃

Sodium hydroxide	Caustic soda	NaOH
Acetic acid	Vinegar	CH₃COOH
Sodium carbonate	Washing soda	Na₂CO₃
Calcium oxide	Quick lime	CaO
Calcium Hydroxide	Slaked lime	Ca(OH)₂

Activity:

Collect 2 different types of flowers-

- Dissect the flowers carefully to take out its parts like sepals, petals, stamens and pistil.
- Paste the flower as well as dissected parts of flower on an A4 size sheet and write the name of flower and its parts

Note:

- Do all the above work A, B and C in your fair notebook. Note down symbols and formula correctly in notebook.
- Learn the symbols and formula
- Revise chapter 1, 3 and 6 for UT I

Subject – Social Science

Guidelines:

- Do the assignment in your practice copy.
- Do the work neatly.
- For making the political map ,use an A3 size sheet.

Ch-2 New Kings and Kingdoms

- Q1. Which new dynasties emerged after the 7th century in subcontinent?
Q2. Why did the rulers wanted to control Kannauj?
Q3. Write a note on Chola Bronze images.

Ch-2 Role of the Government in Health

- Q1. Mention some negative aspects of healthcare services in India.
Q2. What do you mean by medical tourists?
Q3. What did the court ask the State Government in Hakim Sheikh case and why?

Ch-2 Inside the Earth

- Q1. What do the terms “SIMA” and “SIAL” stand for?
Q2. How are rocks classified? Give two examples of each rock.
Q3. Give three uses of fuels.

Holiday Homework:

- 1) Make a project report on the observations of any one of the travellers who visited India during the Medieval Period.
- 2) Find information any 5 types of taxes that were levied during the Chola period. Write the information on an A3 size sheet.
- 3) Reflect your creativity by making a Political map of India yourself and mark the Seven sister States with Capitals (Create Mnemonics for them)

विषय-संस्कृत

आनंदम् संस्कृत पाठ्यपुस्तक के पाठ-7 (चौरस्य शमश्रू मध्ये तृणम्) इस पाठ को लघु नाटिका के माध्यम से वीडियो द्वारा अनुक्रमांक के अनुसार प्रस्तुत कीजिए।

अनुक्रमांक-

1-5

6-10

11-15

16-20

21-25

26-31

- आनंद संस्कृतपाठ्य पुस्तक में दी गई कार्यपत्रिका (1) को हल कीजिए।
- प्रथम इकाई परीक्षा के पाठ्यक्रम को याद करके लिखित रूप से अभ्यास कीजिए।

Subject: Music

Paste the photograph of any one musical instrument of String family and the artist who play them with a write-up about the instrument in your Music notebook.

Subject: Computer

Guidelines:

1. Complete Ch-7 and Ch-2 Question-Answers in your notebook and make sure that they are checked.
2. Complete both the assignments and compile them in a folder.
3. Make a format of UT-I report-card and enter your marks(fake) in each subject, then calculate total marks and average marks.
4. Make a poster in Ms-word or Canva on "Save Soil" and upload on padlet of your computer teacher. <https://padlet.com/shtlbansal/eog5pb0ypdoavdrk>

Ch-2 FORMULAS, FUNCTIONS AND CHARTS IN EXCEL

A. Read the clues and answer the following:

1. It is a mathematical symbol used to start a formula in MS Excel.
2. It is a type of charts in MS Excel that shows the correlation between two sets of values.
3. It is a key which shows the meanings of symbols and colours used in the Chart.
4. It is a built-in function that returns the current date.
5. It calculates the maximum, minimum, average etc. of a set of numeric data.

B. Circle the correct option.

1. Absolute cell references in MS-Excel use the (dollar (\$) / equal (=)) symbol.
2. Built-in formulas in Excel are called (functions / methods).
3. The (hash / exclamation) sign point separates the worksheet portion of the reference from the cell portion.
4. Formula is visible in the (Status bar / Formula bar) when you select a cell that contains the result of the formula.
5. (Statistical / Mathematical) function calculates the average of a given set of numbers.
6. Which one of the cell references can be included in relative reference?
 - a. A3
 - b. A\$1
 - c. \$A\$4
 - d. \$D6
7. The common functions like SUM, AVERAGE, MAX, MIN, can be accessed by using the down-arrow of the command.
 - a. AutoSum
 - b. Insert
 - c. Format
 - d. None of these

C. Write the use of the following functions in MS Excel:

1. LEN() –

.....
2. COUNT() –

.....
3. UPPER() –

.....
4. SQRT() –

.....
.....

D. Write the formula to:

1. Concatenate the text strings “Touch” and “Pad”.

.....
2. Find the maximum value from the 3, 5, 9, 10, and 13 values.

.....
3. Find the current day from the date 7/23/2021.

.....
4. Extract three characters from the right side of the text string
“Concatenate”.

.....