



ST. ALBANS SCHOOL

Sector – 15, Faridabad

Session: 2022-2023

HOLIDAY HOMEWORK

Class: VIII

Subject: English

1. Revise the syllabus of UT1.
2. Revise 'Idioms'.
3. Read short stories by your favourite author.
4. Read the novel 'Rusty, the boy from the hills'.
5. Write self-composed poems/articles and send them to the Children's World Magazine.
6. Watch the movie 'Home Alone' and listen to the TED Talks.

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

Determiners are words used to identify or specify a noun in some way.

Look at these expressions:

your books

this poem

the highest peak

every citizen

some problem

which book

The words printed in bold letters are determiners.

Determiners fall into the following categories:

1.	Articles	a, an, the
2.	Possessives	my, our, your, his, her, its, their
3.	Determiners	this, that, these, those, such
4.	Distributives	each, every, either, neither
5.	Quantifiers	much, some, any, no, little, enough, a lot of, lots of, some of, plenty of, much of
6.	Expressions of number	many, several, some, any, no, few, enough, another, a number of, a lot of, many of, one, two
7.	Interrogatives	what, which, whose, etc

A. 1. Fill in the blanks using the correct words. (Determiners)

The man had always dreamt of going to (a) moon. (b) dream has come true. To reach the moon, he had to specially prepare (c) artificial satellite and (d) rocket to launch it into space. He had to deal with (e) problems e.g. he had to limit friction otherwise it would cause too (f) heat.

2. Environmental pollution has become (a) great health hazard. (b) greatest single factor causing pollution is (c) smoke emitting out of vehicles plying on (d)..... roads. (e) poisonous smoke may infect (f) lungs and cause respiratory problems.

B. The following passage has not been edited. There is one error in each line. Write the incorrect word and the correction against the correct blank number in your answer sheet. The one has been done for you as an example.

	Incorrect	Correct
Dolphins are small-toothed whales. Any people think	e.g Any	Some
that those slim and smooth-skinned mammals are	a) _____	_____
as we are. Since an ancient times, there has	b) _____	_____
been the special friendship between humans	c) _____	_____
and this playful animals. Moreover, there are	d) _____	_____
much stories of dolphins saving the drowning sailors.	e) _____	_____
Baby dolphins often stay with our mothers for many years.	f) _____	_____

FORMAT OF EMAIL WRITING

Date: dd mm yy
 From:
 To:
 Subject:

Dear _____

CONTENT (2-3 Paragraphs)

Regards / Love
 Name

Write an e-mail to your friend in about 100-120 words describing how you spent your day on 21st June (International Yoga Day). Also, tell him the importance of yoga. (Include why it is celebrated on this day and who started it?)

Please find the link to reading books for holiday homework.
<https://storyweaver.org.in/reading-programme/4?language=en>

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 अपने मनपसंद कहानी का सार लिखें।

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

2. छुट्टियों में दादा- दादी, नाना -नानी, माता -पिता के साथ समय बिताएँ। आपने उनसे क्या सीखा या उन्हें क्या सिखाया, एक वृत्तांत लिखें।

3. छुट्टियों में कहीं बाहर घूमने जाएँ तो प्रकृति के सौंदर्य को निहारें और प्राकृतिक सौंदर्य पर 80 - 100 शब्दों में एक अनुच्छेद लिखें।

4.प्रथम इकाई परीक्षा के लिए पाठ्यक्रम की पुनरावृत्ति करें।

5. नीचे दिए गए आम बोलचाल के शब्दों को व उनके शुद्ध हिंदी रूप को पढ़ें और समझें तथा ऐसे ही 10 और नए शब्द लिखे-

कोशिश -प्रयास

जतन- यत्न

मोल- मूल्य

अजीब- विचित्र

चीज- वस्तु

6. लेखक कमलेश्वर जी की कहानियाँ 'फरार' और 'गर्मियों के दिन'पढ़ें।

7.पूरक पुस्तक भारत की खोज के पाठ 'वेद' और 'उपनिषद' से संबंधित पाँच-पाँच प्रश्न बनाएँ तथा उनके उत्तर लिखें।

8.नीचे दिए गए लिंक को खोल कर प्रधानमंत्री नरेंद्र मोदी जी की मन की बात ध्यान पूर्वक सुनें।

<https://youtu.be/thUXYWp0VvU>

Subject: Mathematics

General Instructions:

- Solve the Assignment neatly in PC.
- Revise the Syllabus of UT-1.
- Solve the following puzzles and riddles.
- Explore Diksha app and read the comic book – Journey Around Zero.

Q1. How many numbers lies between squares of the 67 and 68 numbers?

Q2. Show that 121 is the sum of 11 odd natural numbers.

Q3. Find the square roots of 196 by the method of repeated subtraction.

Q4. Find the smallest whole number by which 1008 should be multiplied so as to get a perfect square number. Also, find the square root of the square number so obtained.

Q5. The students of a class arranged a picnic. Each student contributed as many rupees as the number of students in the class. If the total contribution is ₹ ₹ 11449, find the strength of the class.

Q6. Find the greatest number of seven digits which is a perfect square. Also find the square root of the number so obtained.

Q7. The area of a square field is 60025 m². A man cycles along its boundary at 18 km/h. In how much time will he return to the starting point?

Q8.(i) Evaluate $\sqrt{0.9}$ correct up to two places of decimal.

(ii) Evaluate $\sqrt{0.2809}$

(iii) $\sqrt{10020.01}$

Q9. Which of the following is a Pythagorean triplet?

- (a) (2, 3, 5)
- (b) (5, 7, 9)
- (c) (6, 9, 11)

Q10. Find the least number of six digits which is a perfect square. What is the square root of this number?

Q11. A ladder 10 m long rests against a vertical wall. If the foot of the ladder is 6 m away from the wall and the ladder just reaches the top of the wall, how high is the wall?

Q12. Find the square root of the followings by prime factorization method.

(i) 47089

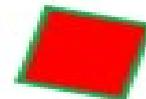
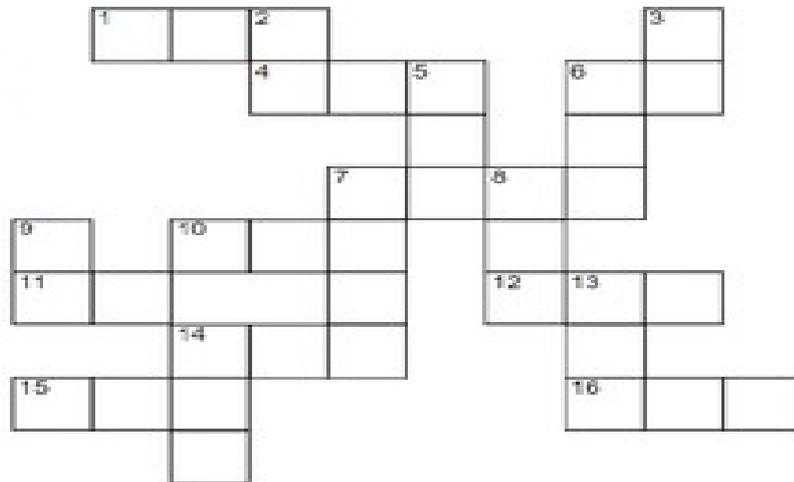
(ii) 298116

(iii) 11664

CREATIVE CORNER

1. Fill the following with the clues given below.

Squares, Cubes and Roots
Cross Number Puzzle



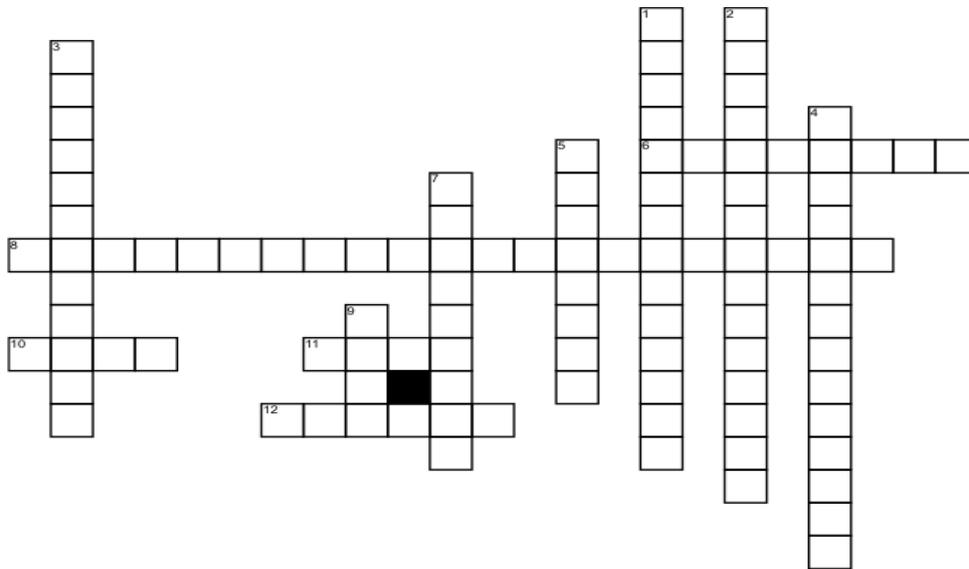
ACROSS

- 1 $9^2 + 5^3 =$
- 4 $11^2 =$
- 6 $2^2 + 3^2 + 4^2 =$
- 7 $5^2 + 10^3 =$
- 10 $13^2 =$
- 11 $4^3 =$
- 12 The cube root of $125 \times 8^2 =$
- 14 $12^2 =$
- 15 $19^2 +$ the cube root of $64 =$
- 16 $2^3 \times$ the cube root of a million $=$

DOWN

- 2 $4^3 -$ the square root of 9 $=$
- 3 $2^3 + 3^2 + 4^3 =$
- 5 The square root of $169 \times 10 =$
- 6 $15^2 =$
- 7 $6 \times 18^2 =$
- 8 $3^3 + 14^2 =$
- 9 $8^2 +$ the square root of 144 $=$
- 13 Triple the sum of $9^2 + 7^2 =$
- 14 $(3 + 2)^2 + (7 - 2)^2 =$

Rational Numbers



Across

- 6.** The product of 2 rational number is
8. Another name for reciprocal
10. A rational number that is equal to its negative
11. A rational number hat doesn't have reciprocal

- 12.** Closure property under addition in whole numbers is

Down

- 1.** A number extending from 1,2,3,4,5.....
2. The reciprocal of -5 is
3. A number extending from 0,1,2,3,4,5.....

- 4.** For rational numbers division under associative property is
5. In rational numbers the letter p and q are
7. Associative property under integers for division is
9. A number that is either positive nor negative

Subject: Science

Guidelines:

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

Read Ch-11,2,4 thoroughly and find out the answers of the questions given below.

Ch-11

- Q1. We know that there is a huge amount of atmospheric pressure on us. But we do not experience its effect. Why?
- Q2. Why do sea divers wear specially designed suits?
- Q3. Two persons are applying forces on two opposite sides of a moving cart. The cart still moves with the same speed in the same direction. What do you infer about the magnitudes and direction of the forces applied?
- Q4. An archer shoots an arrow in the air horizontally. However, after moving some distance, the arrow falls to the ground. Name the initial force that sets the arrow in motion. Explain why the arrow ultimately falls down.
- Q5. Two rods: A and B, having same weight and equal length have different thickness. Rod A is thinner while Rod B is thicker. They are held vertically on the surface of sand. Which one of them will sink more? Why?

Ch-2

Q1. Unscramble the jumbled words underlined in the following statements:

- (a) **Curbossulite** is an air-borne disease caused by a bacterium.
- (b) **Xanrhat** is a dangerous bacterial disease.
- (c) Yeasts are used in the wine industry because of their property of **meronettinaf**.
- (d) Cells of our body produce **santiidobe** to fight pathogens.
- (e) **Aeeessrrwtip** are added to food to prevent growth of microorganisms.

- Q2. What is the difference between Rhizobium and cyanobacteria in the way of fixing nitrogen for the plants?
- Q3. It is always suggested that not to eat anything from street hawkers. Why?
- Q4. Ria thought of making curd. For this, she took lukewarm milk, mixed some curd into it and stir well. She kept the mixture in fridge. Next day she observed that curd was not set. Can you tell why the curd did not set?
- Q5. Why do idli and dosa maker add some yeast or old batter of pervious day to the newly-made batter and keep it for one day?

Ch-4

- Q1. Why does calcium float in water?
- Q2. Zinc sulphate forms a colourless solution in water. Will you observe any colour on adding copper turning in it?
- Q3. A doctor prescribed a tablet to a patient suffering from iron deficiency. The tablet does not look like iron. Explain.
- Q4. Ram stored copper sulphate solution in a container made of iron. He observed certain changes after few hours. Can you tell what changes did he observe?
- Q5. Imagine that gold is reactive like copper. Will it be still wanted? Why or why not?

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	CH_3COOH
Sodium carbonate	Washing soda	Na_2CO_3
Calcium oxide	Quick lime	CaO
Calcium Hydroxide	Slaked lime	Ca(OH)_2

Note:

- Note down symbols and formulas correctly in the science notebook.
- Learn the symbols and formulas.
- Prepare UT-1 syllabus.
- Read the Comic book-The story of crop production given on Diksha app.

https://diksha.gov.in/play/collection/do_31322254786670592014459?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content

For more such interesting content, download the DIKSHA mobile app

https://play.google.com/store/apps/details?id=in.gov.diksha.app&referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_app

- **ACTIVITY: PROJECT REPORT**

Analyze your own vaccine card and collect the information about vaccines given to you and name of diseases from which it protects you.

Collect the information from the doctors, books or online platform. Write the report neatly in your notebook.

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- Understanding Secularism

- Q1. Write a short note on the “Pledge of Allegiance. “Describe the law passed by France in February 2004 banning students from wearing any conspicuous religious or political signs or symbols. What was its impact upon the economy of France?
- Q2. Explain the main provisions of the Fundamental Rights to Freedom of Religion.
- Q3. Define Secularism. How does it help in bringing communal harmony in the country?
- Q4. How far is Indian Secularism different from American Secularism?

Ch- Ruling the Countryside

- Q1. Make a flow chart that may reflect the method of producing Indigo dye in the countryside in 19th century.
- Q2. Why did the economy of Bengal face a deep crisis in the 18th Century?
- Q3. What were the reasons that took the shape of Champaran movement in Bihar?
Mention Gandhiji’s contribution in making the movement successful.
- Q4. Who were Gomasthas? Why were they socially boycotted in Bengal?

Ch- Land, Water, Soil, vegetation and Wildlife Resources

- Q1. Define Rain Water Harvesting. Why is rain water harvesting the need of the hour?
Draw / paste any two Rain water harvesting projects that have been adopted in water scarcity regions of India.
- Q2. As we all know that soil takes hundreds of years to make just one centimetre of its top layer. Write its journey in your own words (maximum word limit 500) under the topic ‘Mitti ki Aatm katha’. Suggest some soil conservation methods also.
- Q3. Define Landslide. Collect information about any one landslide with pictures that was experienced in 2021- till date in any landslide prone area of India.
- Q4. Under the CITES (convention on international trade in endangered species of wild Fauna and Flora) Choose any one wildlife Sanctuary of India and collect information related to it with pictures of animal species for which it is famous for.

Holiday Homework

1. Create a story that promotes the idea of Secularism. You can discuss the religious policy, religious harmony or conflicts among different groups through it.
2. Reflect your creativity by making a Political map of India yourself and mark the Seven sister States with Capitals (Create Mnemonics for them)
3. With the help of the Yearly Calendar, make a list of the holidays you get from your school to celebrate various festivals of India and categorise them as National festivals, Harvest festivals and Religious festivals. List the festivals month wise.

विषय-संस्कृत

(आनंदम् संस्कृत पाठ्यपुस्तक)

पाठ-6 (चाणक्यस्य विवेकः) इस पाठ को लघु नाटिका के माध्यम से वीडियो द्वारा अनुक्रमांक के अनुसार प्रस्तुत कीजिए।

अनुक्रमांक-

1-6

7-12

13-18

19-24

25-30

31-36

- 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 Wind family and the artist who play them with a write-up about the instrument in your Music notebook.

Subject: Computer

Guidelines:

1. Complete Ch-1 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 mind-map of protocols in your notebook.
4. Make a table in MS-Access for maintaining the library books record.

Ch-2 INTRODUCTION TO MS ACCESS 2010

A. Read the clues and answer the following:

1. It is a type of database that contains records having small number of fields without any structured relationship between them.
2. It is a type of database that stores data in several tables and links those tables together to get a common piece of information.
3. He gave a set of thirteen rules (Codd's rules) to define a Relational Database Management System.
4. It is a group of related data organised in columns and rows in a database.
5. It is a unique field by which the records are uniquely identified in a table.

B Circle the correct option:

1. Which of the following is not a MS Access object?
a. Query b. Report c. Form d. Database
2. Which button helps in navigating through the records?
a. Navigation b. Control c. Object d. Database
3. Which of the following data types is used to store the links to web pages, websites, files, etc.?
a. Number b. Memo c. Object d. Hyperlink
4. Which of the following ways is used to create a table in MS Access?
a. Design View b. Datasheet View c. Templates d. All of these