



S.B.P. D.A.V. Centenary Public School, Fatehabad.

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Holidays' Assignments for Summer Vacations (2025-26) for Class VII



General Instructions:

1. *Get up early in the morning and go out for a walk daily. Do yoga daily for healthy living.*
2. *Make a Bird feeder and add seeds for birds daily and also place water for them.*
3. *Raise a small kitchen garden by planting seeds.*
4. *Learn any one folk song.*
5. *Help your mother in cooking and learn vegetable cooking and salad decoration.*
6. *The summer break for classes VI-XII will be from 01.06.2025 to 01.07.2025 (Both days inclusive). School will reopen on 02.07.2025.*
7. *Revise the syllabus of all subjects done before summer vacations for Unit Tests to be started from 07.07.2025.*
8. *Try to make your handwriting better by practicing and do your HW in good handwriting.*
9. *Do assignments in holidays homework notebook and activities/projects on A4 sheets for each subject & submit it for assessment to your class teacher on July 10, 2025.*
10. *Learn all the prayers and mantras given in student diary.*
11. ***Register & participate in 1st stage of 11th Online International Humanity Olympiad, International Open Oratory Contest and International Open Poetry Recitation Contest by accessing through web portal <https://www.dhyankaksh.org/value-your-virtues>. Every individual passing the exam (i.e. scoring minimum 40%) will get an e-certificate through e-mail immediately on their e-mails. School code is : FATE104. This certificate and certificates of courses earned by you during holidays should be part of your portfolio.***
12. ***Waste Warriors: Smart Sorting & Creative Recycling.** Survey at least 10 families in your surroundings and collect data how they Dispose off two types of waste and create awareness in them to segregate waste. Click pictures and paste in your portfolio.*

ENGLISH

Syllabus for I Unit Test July2025:

- Ch-1 Monkey Trouble
- Ch-2 Birdie, Will you Pet?
- Notice Writing , Articles and Jumbled Words

Holidays Homework class 7th English

- 1 Revise all the syllabus of month April and May.

2 Read Ch-2 ' Relationships' of your English Reader Book and interview your grandparents /parents (6-10 questions) enquiring about their hobbies, childhood etc. Remember to pen down the interview. (Roll No 1 to 20)

'Grandparents are cheer leaders in life.' But with emerging socializing trends ,the young generation tends to ignore the elderly .They spend most of their time on phones ,tabs and laptops. As a grandchild what are your responsibilities towards your grandparents? How can you fulfil your responsibilities? (Roll No 21 onwards)

3 Write a recipe of a Tiffin snack which is tasty as well as healthy.

4 Make a poster highlighting the theme i.e. importance of nature / freedom in one's life .

5 Courage is everything. Strength and age are not important. Highlighting this idea write a short story using at least ten compound sentences .

6 Keeping all the elements of a good advertisement in mind , design an advertisement on any one of the following:

- Soft drinks
- Watches
- Pens

7.Create a collage showing different types of workers (formal and informal sectors) . Include pictures , drawing ,or newspaper clippings to make your collage attractive.

8.Do Ch-12:Reading for Understanding in your Practice Book.

9.Read the book' Ignited Minds' by A.P.J. Abdul Kalam' and write summary on A4 size sheet.(80 words). There will be a class test from this book for Bonus marks to be added in term1

10 Download the English Conversation App to improve your spoken and practice it.

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हिन्दी

नोट - सारा ग्रीष्मावकाश कार्य हिंदी की A4 शीट पर करें | सुलेख का विशेष ध्यान रखें |

प्रश्न 1 ज्ञान सागर में करवाए गए पाठ 1 से 5 के आधार पर निम्नलिखित प्रश्नों के उत्तर लिखें --

क. आपका प्रिय त्योहार कौन- सा है ? हिंदू कैलेंडर के अनुसार वह कौन - से महीने में आता है और आप उसे किस तरह मनाते हैं ? चित्र सहित वर्णन करें |

ख. पाठ 'बातूनी' में सज्जन के अधिक बोलने की आदत से लेखक परेशान हो गए। क्या आप भी अपने किसी मित्र के अधिक बोलने की आदत से परेशान होते हैं ? आप उसकी इस आदत को कैसे सुधारेंगे ? लिखें ।

ग. आपने 'राजू का सपना' पाठ पढ़ा। पाठ के आधार पर पेड़ों के महत्व पर एक अनुच्छेद लिखें।

घ. अपने किसी बहादुरी भरे कारनामे के बारे में बताते हुए मित्र को पत्र लिखें।

ङ क से म तक प्रत्येक व्यंजन से शुरू होने वाले पाँच-पाँच शब्दों को अर्थ सहित लिखिए।

2 पाठ 1 से 5 में आए किन्हीं 10 मुहावरों का अर्थ सहित वाक्य में प्रयोग करें।

3. पाठ 1 से 5 तक में से 10 -10 उपसर्ग प्रत्यय शब्द छांट कर लिखें।

प्रथम इकाई परीक्षा के लिए पाठ्यक्रम - ज्ञान सागर +अभ्यास सागर - पाठ -1 से 4

अर्धवार्षिक परीक्षा में बोनस अंकों हेतु 'बाल महाभारत' पुस्तक पृष्ठ 1 से 10 तक पढ़ें।

MATHS

Revise the following syllabus for UT

Chapter 1 (Rational Numbers), Chapter 2 (Operations on Rational Numbers), Chapter 3 (Rational Numbers as Decimals)

Solve the following assignment in Practice notebook:

Q.1	Reduce to standard form a) $\frac{-45}{30}$ b) $\frac{36}{-24}$ c) $\frac{-3}{-15}$
Q.2	Write three rational number between -2 and -1 .
Q.3	Write four rational numbers equivalent to $\frac{4}{9}$
Q.4	Represent on number line a) $\frac{-5}{8}$ b) $\frac{3}{4}$ c) $\frac{22}{-6}$ d) $\frac{7}{3}$
Q.5	Are these rational numbers equivalent? a) $\frac{8}{-5}$ and $\frac{-24}{15}$ b) $\frac{-3}{5}$ and $\frac{-12}{20}$
Q.6	Compare <, =, > a) $\frac{-4}{5}$, $\frac{-5}{7}$ b) $\frac{-8}{5}$, $\frac{-7}{4}$
Q.7	Write in ascending order a) $\frac{-1}{3}$, $\frac{-2}{9}$, $\frac{-4}{15}$ b) $\frac{-3}{7}$, $\frac{-3}{2}$, $\frac{-3}{4}$
Q.8	Subtract first from second

	a) $\frac{-9}{10}, \frac{22}{15}$	b) $\frac{-8}{19}, \frac{-2}{57}$	c) $-4\frac{5}{6}, -7\frac{3}{4}$
Q.9	From a rope 68 m long ,pieces of equal size are cut. If the length of one piece is $4\frac{1}{4}$ m, find the number of such pieces.		
Q10.	Arrange the given rational numbers in descending order: $\frac{7}{8}, \frac{64}{16}, \frac{39}{-12}, \frac{5}{-4}, \frac{140}{28}$		
Q11.	By taking $x = \frac{-5}{3}, y = \frac{2}{7}, z = \frac{-1}{4}$, verify that $(x + y) \div z = x \div z + y \div z$		
Q12.	Find six rational numbers between $\frac{4}{-8}$ and $\frac{3}{8}$.		
Q13.	By what number should $\frac{-33}{16}$ be divided to get $\frac{-11}{4}$?		
Q14.	Divide the sum of $\frac{65}{12}$ and $\frac{8}{3}$ by their difference.		
Q15.	The product of two rational numbers is $\frac{-8}{9}$. If one of the numbers is $\frac{-4}{15}$, <i>find the other.</i>		
Q16.	Find value and express rational number in standard form i) $\frac{10}{3} \div \frac{-35}{12}$ ii) $-6 \div \frac{-8}{17}$		
Q17.	What number should be subtracted from $\frac{-5}{3}$ to get $\frac{5}{6}$?		
Q18.	What number should be added to $\frac{-5}{11}$ so as to get $\frac{26}{33}$?		
Q19.	The sum of two rational numbers is $(\frac{-4}{3})$. If one of the numbers is -5, find the other.		
Q20.	The sum of two numbers is $(\frac{5}{9})$. If one of the numbers is $(\frac{1}{3})$, find the other.		
Q21.	Evaluate i) $\frac{-4}{7} - \frac{2}{-3}$ ii) $-2 - \frac{5}{9}$		
Q22.	Simplify and write in decimal form		

- Asha: $4/5$ hours
- Kabir: $2/3$ hours

They all receive payment proportional to their work from a total pool of ₹1200.

Questions:

1. Find the total hours worked.
2. What fraction of total work was done by each student?
3. How much money does each student get? (Hint: Multiply their work fraction with 1200)
4. Who earned the most and who the least?
5. What is the difference in earnings between the highest and lowest?

Activity: Rational Number Puzzle

Instructions:

- Match each clue with the correct rational number from the list.
- Some numbers may be used more than once.

Number Bank:

-2, $-3/4$, -0.5, 0, $1/2$, $2/3$, 1, 1.5, $3/2$, $-5/2$, -1.25, -1, -3, 0.25

Clues:

1. A negative number greater than -1 but less than 0
2. A positive number less than 1 but more than $1/2$
3. The only whole number that is neither positive nor negative
4. A fraction equivalent to 1.5
5. A number that is the opposite of 1
6. A number less than -2
7. A positive decimal less than 1
8. A negative decimal between -1 and -2
9. A number greater than 1 but less than 2
10. A fraction that is equivalent to 0.5

SCIENCE

Syllabus for Unit Test I

Chapter 1 Nutrition in Living Organisms- Plants

Chapter-3 Chemical Substances and Processes

Chapter-4 Acids, Bases and Salts

- Make a working model on any one topic given below (only Biodegradable material to be used) :-
 1. Solar Oven Experiment
 2. Water Filter Project
 3. Electricity Generation from fruits
 4. Plant Growth indifferent soils
 5. Balloon Rocket

Students should collect information and material for the chosen project and make the project in summer vacations along with the project report (in form of a file)

- Write any two points on each of the following natural phenomenon and paste related pictures-(Tsunami, Tornado, Earthquake, Aurora and Lightning)

Project Work

- a) Prepare Flash cards on symbols of any 5 atoms, molecules and ions (roll no. 1 to 20)
- b) Check any five substances at home for acids or bases using litmus paper strips. Write your observations in the given table: (Roll no 1 to 20)

Name of the substance	Taste (bitter/ sour)	Litmus used	Change in litmus

- c) Draw the model explaining the Types of chemical reactions.(Roll no. 20 onwards)
- d) Use China rose and Turmeric as indicators to check any 5 substances at home for acids and bases. Write your observations in tabular form as given above. (Roll No. 20 onwards)

Do the following assignments in your holidays' homework notebook.

Unit 1:

1. Give an example to explain the terms parasite and host.
2. Why do farmers grow leguminous crops between two other crops?
3. What are the various components of food that are essential for our body called?
4. Discuss the symbiotic relationship between rhizobium bacteria and leguminous plants.
5. Insectivorous plants are green plants. They prepare their food by photosynthesis but still trap and digest insects. Why?
6. Name the factors which affect photosynthesis.

7. Is parasitic plant harmful for the host plant?
8. Given below are jumbled words. Arrange them into meaningful words.
- a. Organisms that derive nutrient from dead and decaying plants and animals.

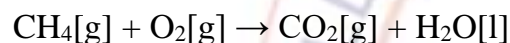
SSEATPYRHOP

- b. Tiny pores on the under surface of leaves. ASTTAOM
- c. A total parasite. ACTUUSC
- d. Organisms which cannot manufacture their food. SHHEPTOERRTO

Unit 3-

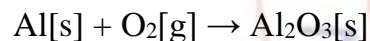
Balance the following chemical reactions:

1. The equation for the combustion of methane:



Methane + Oxygen \rightarrow Carbon Dioxide + Water

2. The synthesis equation of aluminum oxide:



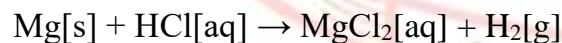
Aluminum + Oxygen \rightarrow Aluminum Oxide

3. The decomposition equation of potassium chlorate:



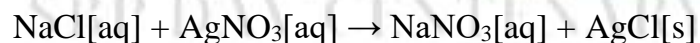
Potassium Chlorate \rightarrow Potassium Chloride + Oxygen

4. The replacement equation with magnesium and hydrogen chloride:



Magnesium + Hydrogen Chloride \rightarrow Magnesium Chloride + Hydrogen

5. The ionic reaction equation of sodium chloride and silver nitrate:



Sodium Chloride + Silver Nitrate \rightarrow Sodium Nitrate + Silver Chloride

MAKE THE CHEMICAL FORMULAE AND NAME THEM:
(Make it with the help of criss-cross method)

CATIONS AND ANIONS $\begin{matrix} \downarrow \\ \rightleftarrows \end{matrix}$	CO_3^{2-}	NO_3^-	CH_3COO^-	OH^-	Cl^-
Na^+					
Ca^{2+}					
Zn^{2+}					
Mg^{2+}					
Al^{3+}					

Unit -4 (Acids, Bases and Salts)

State 'T' for true and 'F' for false statement.

1. Nitric acid turns red litmus blue.
2. All substances are either acidic or basic.
3. The chemical nature of baking soda is basic.
4. Lime water turns red litmus blue.
5. Ammonium hydroxide can turn red litmus blue.
6. Common salt dissolved in water turns blue litmus red.
7. Sodium hydroxide turns blue litmus red.
8. A compound if acidic will turn all indicators red.
9. Lemon water is basic in nature.
10. Indicator is a substance which shows different colours in acidic and basic solutions.
11. Sodium hydroxide and hydrochloric acid neutralise each other and form salt and water
12. Tooth decay is caused by the presence of a base.
13. Phenolphthalein is a natural indicator.
14. Calamine can be used to treat ant's sting.
15. Heat is always evolved in neutralisation reaction

Competency Based Questions-

16. Ravina observed that most of the fish in the pond of her village were gradually dying. She also observed that the waste of a factory in their village is flowing into the pond which probably caused the fish to die.
 - (a) Explain why the fish were dying.
 - (b) If the factory waste is acidic in nature, how can it be neutralised?
17. Explain why An antacid tablet is taken when you suffer from acidity.
18. What is acid rain? How is it caused? List its effects.
19. Savita is suffering from indigestion due to acidity. Is it advisable to give her orange juice in this situation and why?
20. Is distilled water acidic/basic/neutral? How would you verify it?

Ch-16 (Water)

Fill in the blanks.

1. Three forms of water are _____, _____ and _____.
2. The water bearing layer of the earth is _____.
3. The process of water seepage into the ground is called _____.
4. Though water is maintained by water cycle, yet there is acute _____ of water in many parts of the globe.
5. The International Year of Freshwater was observed in _____ to make people aware of this dwindling natural resource
6. Tubewells, wells and handpumps get water from _____.
7. People obtain groundwater through _____ and _____.
8. Some definitions are given below which can be corrected by changing one word. Correct them. (a) Aquifer is ground water stored between layers of hard rock above the water table.
(b) The process of evaporation of water in the ground is called infiltration.
(c) The evaporation of water from oceans and its arrival back into oceans is called vapour cycle.
9. The Water Cycle: A Journey Through Nature

• **Imagine a Story:**

- The water cycle is like a giant, natural water park! Water constantly moves, changing forms and places, but never disappears.

• **Diagram:**

- Draw a simple water cycle diagram with these key elements:
 - **Sun:** The sun's energy is the engine of the cycle.
 - **Oceans, Lakes, Rivers:** These are the water "pools" or "reserves."
 - **Clouds:** Imagine fluffy cotton balls made of tiny water droplets.
 - **Rain/Snow:** The water "falling" from the clouds.
 - **Land:** Where water can soak in, run off, or evaporate.

➤ **One Innovative Idea Per Student Must be Submitted.**

How to Find the Idea?

There are many problems around us which we face on daily basis. Look for these routine problems around us. Think of how science can be helpful in solving such problems. Use this link to see examples for better understanding of the task.

<https://inspireawards-dst.gov.in/download/booklet/English-Booklet-2020.pdf>

Make one chart of your idea. You will be given 2 min to present your ideas in Class after summer break.

SOCIAL SCIENCE

1. Syllabus for unit test:

Chapter-2(The Earth and changes on it)

Chapter-10(The Rise of small kingdoms in North India)

2. Revise all the chapters done so far.

3. Prepare an atlas of the following:

- | | | |
|------------|---------------|--|
| i) States | ii) UT | iii) Neighbouring countries |
| iv) oceans | v) continents | vi) Regional kingdoms in North and South India |

4. Prepare Weather observation report for 10 days (Be a weather reporter)

5. Prepare a 3-D model of interior of earth.

6. Make a comic strip on the topic “Villages then and now”.

7. Imagine you and your friend have formed a political party. Prepare an election manifesto. You can design your election symbol. It should reflect the principle of your party.

SANSKRIT विषय - संस्कृत

1 वृक्ष हमेशा प्राणियों पर उपकार करते हैं। इनकी रक्षा में ही हमारे जीवन की रक्षा है। आप वृक्षों की रक्षा के लिए क्या-क्या करते हैं ? 10 वाक्य संस्कृत में लिखें।

2 अपनी फोटो चिपकाकर 7 वाक्यों में संस्कृत में आत्मपरिचय लिखें।

3 अपनी संस्कृत की पुस्तक सुरभि में से पाँच सुलेख संस्कृत में करो।

3 सुरभि:- पाठ 1 से 3 याद करें।

4 शब्द रूप : छात्र, लता, तत्, अस्मद्, युष्मद् याद करके लिखो।

5 धातु रूप : पठ्, गम्, दृश्, अस् पाँचों लकारों में याद करके लिखो।

6 संख्यावाचक शब्द : 1 से 50 तक याद करके लिखो।

1 से 4 तक संख्यावाचक शब्द तीनों लिंगों में चित्र सहित प्रदर्शित करें।

Syllabus for unit test

- पाठ 1 से 3
- शब्द रूप : छात्र, लता, (तत् तीनों लिंगों में)
- धातु रूप : पठ्, गम्, दृश्, अस् पाँचों लकारों में |

- संख्यावाचक शब्द : 1 से 50 तक
- 1 से 4 तक संख्यावाचक शब्द तीनों लिंगों में

PUNJABI

- **ਨਵੀਂ ਨੁਹਾਰ ਪਾਠ ਪੁਸਤਕ:-** ਪਾਠ 1 ਤੋਂ 5 ਯਾਦ ਕਰੋ
- **ਯਾਦ ਕਰੋ:-** ਵਿਰੇਧੀ ਸ਼ਬਦ 1 ਤੋਂ 38 (ਪੰਨਾ ਨੰਬਰ 100,101) , ਲਿੰਗ ਬਦਲੋ (ਪੰਨਾ ਨੰਬਰ 57,58) , ਨਵੀਂ ਨੁਹਾਰ ਵਿਆਕਰਨ ਪਾਠ- 1 (ਭਾਸ਼ਾ), ਪਾਠ- 2 (ਵਿਆਕਰਨ)
- **ਪੰਜਾਬੀ ਵਿਆਕਰਨ :- ਲਿਖੋ ਅਤੇ ਯਾਦ ਕਰੋ** ਲੇਖ:- ਸ੍ਰੀ ਗੁਰੂ ਅਰਜਨ ਦੇਵ

ਪੱਤਰ:- ਆਪਣੀ ਸਹੇਲੀ ਨੂੰ ਗਰਮੀ ਦੀਆਂ ਛੁੱਟੀਆਂ ਇਕੱਠੇ ਬਤੀਤ ਕਰਨ ਲਈ ਪੱਤਰ ਲਿਖੋ। (ਪੰਨਾ ਨੰਬਰ - 211)

ਨੋਟ:- ਲਿਖਣ ਵਾਲਾ ਸਾਰਾ ਕੰਮ 'ਪੰਜਾਬੀ ਬੀ' ਦੀ ਕਾਪੀ ਵਿੱਚ ਸਾਫ- ਸਾਫ ਲਿਖਾਈ ਵਿੱਚ ਲਿਖਣਾ ਹੈ।

ਕਿਰਿਆਤਮਕ ਕੰਮ(Activities):-

- (1) ਘਰੇਲੂ ਵਸਤੂਆਂ ਦੀ ਵਰਤੋਂ ਨਾਲ ਇੱਕ ਰੱਖੜੀ ਬਣਾ ਕੇ ਰੰਗਦਾਰ ਸ਼ੀਟ ਤੇ ਚਿਪਕਾਓ ਤੇ ਉਸ ਨਾਲ ਸੰਬੰਧਿਤ ਇੱਕ ਸਵੈ-ਰਚਿਤ ਕਵਿਤਾ ਲਿਖੋ।
- (2) ਵਿਗਿਆਨ ਦੀਆਂ ਪੰਜ ਕਾਢਾਂ ਦੇ ਨਾਂ ਤੇ ਕਾਢਕਾਰਾਂ ਦੇ ਨਾਂ ਲਿਖੋ।

ਨੋਟ:- ਕਿਰਿਆਤਮਕ ਕੰਮ ਕਰਦੇ ਹੋਏ ਹੇਠ ਲਿਖੀਆਂ ਗੱਲਾਂ ਧਿਆਨ ਰੱਖਣੀਆਂ ਹਨ:-

* ਐਕਟੀਵਿਟੀ ਰੰਗਦਾਰ ਸ਼ੀਟ ਤੇ ਕਰਨੀ ਹੈ।

* ਪਹਿਲੇ ਪੇਜ ਤੇ ਕਿਰਿਆਤਮਕ ਕੰਮ ਦੀ ਜਾਣਕਾਰੀ ਦੇਣੀ ਹੈ।

ਜਿਵੇਂ:- ਪੰਜਾਬੀ ਦਾ ਕਿਰਿਆਤਮਕ ਕੰਮ (project of Punjabi)

ਫਿਰ ਵਿਸ਼ਾ(Topic) ਉਸ ਤੋਂ ਬਾਅਦ ਵਿਦਿਆਰਥੀ ਆਪਣਾ ਨਾਂ, ਰੋਲ ਨੰਬਰ, Admission ਨੰਬਰ ਲਿਖਣਗੇ ਤੇ ਅੰਤ ਵਿੱਚ

Submitted to ਤੇ Submitted by ਲਿਖਣਾ ਹੈ।

Syllabus for Unit Test:-

ਨਵੀਂ ਨੁਹਾਰ ਪਾਠ ਮਾਲਾ ਪਾਠ -1 ਤੋਂ 4

ਵਿਆਕਰਨ ਪਾਠ - 1, 2

ਲਿੰਗ ਬਦਲੇ - ਪੰਨਾ ਨੰਬਰ 57, 58

ਵਿਰੋਧੀ ਸ਼ਬਦ - 1 ਤੋਂ 38 (ਪੰਨਾ ਨੰਬਰ 100,101)



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