

Doon Public School

Doon Public School

A New Generation Sr. Sec. School | Recognised & Affiliated to CBSE
Sector 21, Panchkula - 134112 (Haryana)



SUMMER BREAK ASSIGNMENTS

SESSION: 2024 - 2025

Class – VII



Dear Doonites,

🌻 As we head into the summer vacation, we would like to encourage you to make the most of this time for both relaxation and enrichment.

🌻 While it's essential to take a break and recharge, it's also an opportunity to engage in activities that stimulate your mind and foster personal growth.



📖 **Stay Academically Engaged:**

Read books that interest you or are part of your upcoming curriculum. Review and practice subjects, you find challenging to stay sharp.

🧑🚴 **Stay Physically Active:**

Engage in sports, outdoor activities or regular exercise.

Avoid spending too much time on screens; balance with physical activities.

👤🔍👤🔧 **Develop New Skills:**

Learn any new hobby or skill such as cooking, gardening, coding, or playing an instrument.

🏠😊 **Maintain a Routine:**

Keep a consistent sleep schedule to avoid disrupting your body clock.

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Stay connected and spend quality time with your family and friends. Create memories, share stories, and cherish these moments together.



Mental Well-being:

Take time to relax and unwind; practice mindfulness or meditation.



Moreover, Vacation work has also been planned for you to explore during the break.



Remember, the purpose of this assignment is not to add stress to your vacation but to encourage you to engage in activities that are meaningful and fulfilling.



The work is designed to be enjoyable yet thought-provoking, helping you to continue learning outside the classroom. Remember, learning doesn't stop when school is out!



Take some time to review your notes from the past months. Reflect on what you've learned, your strengths, and areas where you can improve.



Set some goals for the upcoming Periodic Assessment, based on your reflections.



Have a wonderful holiday, and do collect your experiences, reflections, and any new insights gained during this time.

Last but not the least, celebrate and reflect upon several significant days falling during the Vacation time.



World Environment Day (June 5th):



Remind yourself the responsibility to protect and preserve our environment. Engage in activities that promote sustainability, such as planting trees, reducing waste, and conserving energy. Small actions can have a big impact on our planet's health.



Father's Day (June 16th):

Honour and appreciate the fathers and father figures in your lives. Use this day to express your gratitude and love. A simple gesture, a heartfelt message, or spending quality time together can make this day memorable.



International Yoga Day (June 21st):

Maintain physical and mental well-being through yoga. Take some time to practice yoga, learn new poses, and meditate. Share the experience with your family and friends, and explore how yoga can bring peace and balance to your daily life.

Following these guidelines will help you ensure a balanced, productive, and enjoyable summer vacation.

Team Doon looks forward to hearing about your experiences when we return to school.

Wishing you all a fantastic and rejuvenating summer vacation!



HERE'S YOUR HOLIDAY ASSIGNMENT

English	<p>Make a collage of major women authors of 19th century. Why women authors used to write with a 'PEN NAME'? Find out one such author and write about her in 100- 120 words.</p> <p>Read a book of your choice and write a review including:</p> <ol style="list-style-type: none">1. Title2. Main characters3. Plot4. Theme
Hindi	<ul style="list-style-type: none">• हिंदी - परियोजना -कार्य (Individual) A4 size sheet sheet) <p>आप अपनी पाठ्य पुस्तक वसंत भाग 2 के पाठ 'हम पंछी उन्मुक्त गगन के' से अवगत हैं आप पशु पक्षियों की किस प्रकार सहायता कर सकते हैं? इस विषय पर अपने विचार व्यक्त कीजिए और संबंधित चित्र भी बनाइए।</p> <ul style="list-style-type: none">• प्रतिदिन हिंदी पाठ्यपुस्तक का एक पेज अवश्य पढ़ें
Punjabi	<p>ਹੇਠਾਂ ਦਿੱਤੀਆਂ ਲਗਾਂ ਦੇ ਤਿੰਨ-ਤਿੰਨ ਅੱਖਰ A-4 ਸ਼ੀਟ ਉੱਪਰ ਰਚਨਾਤਮਕ ਢੰਗ ਨਾਲ ਲਿਖੋ।</p> <ul style="list-style-type: none">• ਸਿਹਾਰੀ -----,-----,-----• ਬਿਹਾਰੀ -----,-----,-----• ਔਕੜ -----,-----,-----• ਦੁਲਾਵਾਂ -----,-----,-----• ਹੇੜਾ -----,-----,-----• ਕਨੈੜਾ -----,-----,-----• ਬਿੰਦੀ -----,-----,-----• ਅੱਧਕ -----,-----,-----
Sanskrit	<ul style="list-style-type: none">• संस्कृत - परियोजना -कार्य (Individual) A4 size sheet sheet) <p>दश सरल हिंदी वाक्यानाम् संस्कृते अनुवादः कुरुत। (10 सरल हिंदी के वाक्यों का संस्कृत में प्रयोग कीजिए।)</p>

	<ul style="list-style-type: none"> • प्रतिदिनं संस्कृतपाठ्यपुस्तकस्य एकं पृष्ठं अवश्यं पठन्तु। (प्रतिदिन संस्कृत पाठ्यपुस्तक का एक पेज अवश्य पढ़ें) 																																																																																																																									
Mathematics	<ul style="list-style-type: none"> • Compare the temperature of Chandigarh and Panchkula for any one week. Represent it by drawing double bar graph. • Write temperature in (degree celsius) for any 10 days of your residential place and arrange it in ascending order and find the mean, mode, median of the above information. 																																																																																																																									
Science	<p>Make your own diet chart on A4 size sheets along with some pictures. Consider these points while preparing your diet chart-</p> <ol style="list-style-type: none"> 1. It should contain all the components such as carbohydrates, proteins, fats, minerals and fibre. 2. Enough water. 3. Also, list the component present in a particular food item. <p><i>Paste this sheet in your notebook and mention your height, weight, gender and age.</i></p>																																																																																																																									
Social Science	<p>About 70 percent of the earth is covered with water. Many sports are played on water. They are called water sports. The name of eight water sports are hidden in the word search. Find and circle them.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>O</td><td>R</td><td>I</td><td>W</td><td>S</td><td>O</td><td>W</td><td>T</td><td>G</td><td>T</td><td>M</td></tr> <tr><td>N</td><td>F</td><td>M</td><td>F</td><td>U</td><td>H</td><td>I</td><td>S</td><td>A</td><td>R</td><td>S</td></tr> <tr><td>W</td><td>A</td><td>T</td><td>E</td><td>R</td><td>P</td><td>O</td><td>L</td><td>O</td><td>I</td><td>W</td></tr> <tr><td>R</td><td>O</td><td>I</td><td>I</td><td>F</td><td>W</td><td>N</td><td>Y</td><td>K</td><td>A</td><td>I</td></tr> <tr><td>G</td><td>E</td><td>W</td><td>I</td><td>I</td><td>K</td><td>Y</td><td>A</td><td>A</td><td>T</td><td>M</td></tr> <tr><td>S</td><td>N</td><td>N</td><td>G</td><td>N</td><td>S</td><td>K</td><td>C</td><td>Y</td><td>H</td><td>M</td></tr> <tr><td>S</td><td>U</td><td>W</td><td>I</td><td>G</td><td>I</td><td>O</td><td>H</td><td>A</td><td>L</td><td>I</td></tr> <tr><td>L</td><td>N</td><td>K</td><td>O</td><td>W</td><td>G</td><td>I</td><td>T</td><td>K</td><td>O</td><td>N</td></tr> <tr><td>W</td><td>A</td><td>T</td><td>E</td><td>R</td><td>S</td><td>K</td><td>I</td><td>I</td><td>N</td><td>G</td></tr> <tr><td>I</td><td>G</td><td>W</td><td>T</td><td>I</td><td>M</td><td>I</td><td>N</td><td>N</td><td>G</td><td>P</td></tr> <tr><td>E</td><td>P</td><td>R</td><td>O</td><td>W</td><td>I</td><td>N</td><td>G</td><td>G</td><td>S</td><td>Y</td></tr> </table>	O	R	I	W	S	O	W	T	G	T	M	N	F	M	F	U	H	I	S	A	R	S	W	A	T	E	R	P	O	L	O	I	W	R	O	I	I	F	W	N	Y	K	A	I	G	E	W	I	I	K	Y	A	A	T	M	S	N	N	G	N	S	K	C	Y	H	M	S	U	W	I	G	I	O	H	A	L	I	L	N	K	O	W	G	I	T	K	O	N	W	A	T	E	R	S	K	I	I	N	G	I	G	W	T	I	M	I	N	N	G	P	E	P	R	O	W	I	N	G	G	S	Y
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The above-mentioned work in all the subjects must be done on A-4 sheets. Then compile them together in one single, beautifully decorated folder.

**Practice Worksheets - For the revision of Periodic Test Syllabus
(Do the following worksheets in your respective subject notebooks)**

Subject- English Language & Literature

1. Answer the following questions with reference to the context:

The hermit lived in a wood which he never left. He saw no one but simple people, and so the king put on ordinary clothes. Before he reached the hermit's hut the king left his horse with his bodyguard, and went on alone. As the king came near the hermit's hut, he saw the hermit digging the ground in front of his hut. He greeted the king and continued digging. The hermit was old and weak, and as he worked, he breathed heavily.

- i. Where did the hermit live?
- ii. Why did the king choose to wear ordinary clothes?
- iii. What was the hermit doing when the king visited him?
- iv. Why was he breathing heavily?

2. Answer the following questions with reference to the context:

When everybody says, Yes please,
The rebel says, No thank you.
When everybody says, No thank you,
The rebel says, Yes please.
It is very good that we have rebels.
You may not find it very good to be one.

- i. Who do you think rebel character based on?
- ii. Why does the poet say it is not good to be a rebel oneself?
- iii. What does the rebel do?
- iv. Complete the given line:

When everybody is praising the sun
The rebel remarks _____.

3. Answer the following questions in 40 -60 words:

- i. The king is the main character of the story, explain by giving three examples.
- ii. Describe the nature of the squirrel.
- iii. According to the poet, what is the character of the rebel?
- iv. What is the moral of the story, The Gift of Chappals?



4. Answer the following questions in 30 -40 words:

- i. What have humans learned from the ants?
- ii. What is "the master call?" Why is it the most important signal for an elephant to learn?

Section-B (Grammar)

5. Rearrange the following group of words to form meaningful sentences.

- i. must the value children of punctuality learn
- ii. again the neighbour why are quarrelling
- iii. beautiful shot what is it a
- iv. play in don't the garden

6. Write whether the following sentences are assertive, interrogative, imperative or exclamatory.

- i. Do I enjoy shopping?
- ii. What a wise decision it is!
- iii. Hard work is the key to success.
- iv. Shut the door.

7. Underline the adjectives and write their kinds.

- i. Whose umbrella is this?
- ii. I was appreciated for my efforts.
- iii. This is a difficult sum.
- iv. The man showed much patience.

8. Rewrite the following sentences after making necessary corrections.

- i. Orange is citrus fruit.
- ii. The January is first month of the year.
- iii. Varanasi is situated on banks of Ganges.
- iv. The train was late by hour.

9. Underline nouns in the following sentences and identify their types.

- i. Our team is the best.
- ii. They live in Mumbai.
- iii. The crowd is angry.



iv. Love conquers all.

10. Fill in the blanks with the noun form of the words given in the bracket.

- i. I have full hope in his _____. (able)
- ii. We should check the _____ of water. (waste)
- iii. _____ makes a man perfect (know)

11. Do Assignments - 1 to 5 (given on pages 17 to 25) of Reading Comprehension in your 'Assignment in English Plus ' book.

12. Do Q-1 of Assignments 1 to 5 (given on pages 93 to 101) of Writing Skills in your 'Assignment in English Plus' book.

Hindi

1. निम्नलिखित शब्दों के अर्थ लिखिए।

- क. सुविधा
- ख. व्याकुल
- ग. विराट
- घ. खिलखिलाती

2. निम्नलिखित प्रश्नों के उत्तर एक पंक्ति में दीजिए:

- क. पक्षी स्वतंत्र क्यों रहना चाहते हैं?
- ख. लेखक के अनुसार हिमालय और समुद्र का क्या रिश्ता है?
- ग. कठपुतली स्वतंत्र क्यों होना चाहती थी?
- घ. पक्षी कैसा पानी पीना पसंद करते हैं?

3. निम्नलिखित प्रश्नों के उत्तर 25-30 शब्दों में दीजिए।

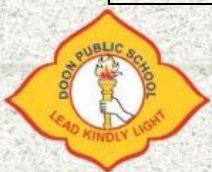
- क. काका कालेलकर ने नदियों को लोकमाता क्यों कहा है?
- ख. पक्षी पिंजरे से बाहर निकलने के लिए क्यों व्याकुल होते हैं?
- ग. पहली कठपुतली की बात दूसरी कठपुतली को क्यों अच्छी लगी?
- घ. पक्षी ऊँची उड़ान के लिए क्या-क्या न्योछावर करने को तैयार हैं?

4. गद्य साहित्य की उदाहरणों सहित परिभाषा लिखिए।

5. स्वर किसे कहते हैं? इनके भेद लिखिए।

6. विकार के आधार पर शब्द भेद लिखिए।

7. भाषा एवं बोली में अंतर स्पष्ट कीजिए।



8. दिए गए शब्दों का वर्ण विच्छेद कीजिए।
क. सूरज
ख. हिमालय
ग. रानीखेत
9. समस्त पदों के पूर्वपद और उत्तरपद लिखिए।
क. त्रिलोक
ख. यथाविधि
ग. कमलनयन
10. भाषाओं का उनकी लिपियों के साथ मिलान करो।

भाषा	लिपि
संस्कृत	रोमन
पंजाबी	देवनागरी
स्पेनिश।	गुरुमुखी
11. दिए गए शब्दों के तद्भव रूप लिखिए।
क. निद्रा
ख. अग्र
ग. उच्च
12. देशज एवं विदेशी शब्दों के चार-चार उदाहरण लिखिए।

Punjabi

1. खाली ਥਾਵਾਂ ਭਰੋ।
ਕ - ----- ਦੀ ਰਾਜ ਭਾਸ਼ਾ ਪੰਜਾਬੀ ਹੈ।
ਖ - ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਵਿੱਚ ----- ਸਵਰ ਅੱਖਰ ਹੁੰਦੇ ਹਨ।
ਗ - ਸ਼ੇਰ ----- ਵਿੱਚ ਫਸ ਗਿਆ ਸੀ।
ਘ- ਗਾਜਰਾਂ ਵਿੱਚ ਬਹੁਤ----- ਹੁੰਦੇ ਹਨ।
ਹੇਠਾਂ ਦਿੱਤੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਲਿਖੋ।
2. ਭਾਸ਼ਾ ਦੀਆਂ ਕਿੰਨੀਆਂ ਕਿਸਮਾਂ ਹਨ? ਨਾਂ ਲਿਖੋ।
3. ਮੁਕਤਾ ਅੱਖਰ ਕਿਸ ਨੂੰ ਕਿਹਾ ਜਾਂਦਾ ਹੈ?
4. ਵਿਆਕਰਨ ਕਿਸ ਨੂੰ ਕਹਿੰਦੇ ਹਨ?
5. ਪ੍ਰੀਤੀ ਨੂੰ ਖੇਡ ਕਿਵੇਂ ਸੁੱਝੀ ਸੀ?

6. ਪ੍ਰੀਤੀ ਦੇ ਮੰਮੀ ਪਲੇਟ ਵਿੱਚ ਕੀ ਲੈ ਕੇ ਆਏ ਸਨ?
7. ਸ਼ੇਰ ਨੂੰ ਗੁੱਸਾ ਕਿਉਂ ਚੜ੍ਹ ਗਿਆ ਸੀ?
8. ਸਾਡਾ ਨਾਅਰਾ ਕੀ ਹੈ?
9. ਹੇਠਾਂ ਦਿੱਤੇ ਸ਼ਬਦਾਂ ਦੇ ਅਰਥ ਲਿਖੋ।
ਕਦਮ, ਝਪੱਟਾ, ਤਰਲੇ, ਬੇਬਸ, ਹੋਕਾ, ਸ਼ਕਤੀ, ਰੁੱਖ
10. ਹੇਠਾਂ ਦਿੱਤੇ ਸ਼ਬਦਾਂ ਦੇ ਵਾਕ ਬਣਾਓ।
ਸਬਜ਼ੀ, ਦਰਖਤ, ਸ਼ਿਕਾਰੀ, ਜੰਗਲ, ਵਿਟਾਮਿਨ, ਸ਼ਕਤੀ
11. ਹੇਠਾਂ ਦਿੱਤੇ ਚਿੱਤਰ ਨੂੰ ਵੇਖ ਕੇ ਉਸਦਾ ਵਰਨਣ (60-70 ਸ਼ਬਦਾਂ ਵਿੱਚ) ਕਰੋ।



12. ਮੇਰਾ ਪਰਿਵਾਰ' ਵਿਸ਼ੇ ਉਪਰ ਇੱਕ ਲੇਖ 60-70 ਸ਼ਬਦਾਂ ਵਿੱਚ ਲਿਖੋ।

Sanskrit

“खंड क” (व्याकरण)

1. निम्नलिखित उत्पत्तिस्थानों से उच्चरित होने वाले वर्ण लिखिए ।

क. कण्ठः

ख. तालुः

ग. मूर्धाः

घ. कंठतालुः

2. निम्नलिखित वर्णों के उत्पत्ति स्थान लिखिए ।

त्, ब्, म्, व्

3. निम्नलिखित धातुओं के लड़ग और लृट लकार लिखिए ।

- क. खाद
ख. पिब्

4. ' छात्रा' शब्द रूप लिखो ।

- क. प्रथमा
ख. चतुर्थी

“खंड ख” (साहित्य)

5. निम्नलिखित शब्दों के अर्थ लिखिए

- क. बहुरत्ना
ख. पाषाणखंडेषु

6. एक पदेन उत्तरत ।

- क. कूर्मस्य किम् नाम आसीत्?
ख. सर्वदा कुत्र सुखम्?

7. उचित क्रियापद चुनकर वाक्य पूरे कीजिए-

- क. हंसाभ्याम् सह कूर्मः अपि -----
ख. वयम् गृहम् नीत्वा कूर्म -----

8. निम्नलिखित अंको को संस्कृत शब्दों में लिखिए ।

- क. 11:00
ख. 5:30

9. रिक्तस्थानानि पूरयत ।

- क. ----- मासाः भवन्ति ।
ख. मम शरीरे ----- हस्तौ स्तः।

10. अधोलिखितेषु धातवः के सन्ति ।

करोति, तिष्ठति

11. प्रश्न निर्माण कुरुत ।

- क. (वसुंधरा) बहुरत्ना भवति ।
ख. (सत्येन) वाति वायुः ।

12. अपनी पाठ्य पुस्तक के प्रथम पाठ' सुभाषितानि में से कोई एक श्लोक संस्कृत में लिखे ।

Maths

- The value of $-6 \times (-3) \times 7$ is:
(a) -146 (b) -126 (c) 126 (d) none of these
- The order of rotational symmetry of parallelogram is :
(a) 1 (b) 2 (c) 3 (d) 4
- The product of 45.6×2.01 is
(a) 91656 (b) 91.656 (c) 916.56 (d) none of these
- The value of $(-46+1) \div (45 \div 5)$ is:
(a) 5 (b) -5 (c) 9 (d) -9
- The mean of first 5 natural numbers is:
(a) 2 (b) 3 (c) 4 (d) 5
- Verify that: $a \times (b+c) = a \times b + a \times c$ for $a = 12, b = -4, c = 2$
- Find the product: (a) $4\frac{3}{5} \times 3\frac{1}{3}$ (b) $7\frac{1}{3} \times \frac{7}{11}$
- Verify that: $a \div (b+c) = a \div b + a \div c$ or not. for $a = 12, b = 4, c = -2$
- Solve: (a) $31.5 \div 0.63$ (b) $2.31 \div 0.077$
- Which is greater: $\frac{5}{6}$ of $\frac{2}{3}$ or $\frac{3}{2}$ of $\frac{6}{5}$
- In a class test containing 15 questions, 5 marks are given for every correct answer and (-3) marks are given for every incorrect answer.
 - Gurpreet attempts all questions but only 8 of her answers are correct. What is her total score?
 - One of her friends gets only 5 answers correct. What will be her score?

Case based study question

- A group of students was given a special test. The test was completed by various students in the following duration of time (in minutes) 17, 19, 20, 22, 24, 24, 28, 30, 30, 36.
 - Find the mean, mode and median of time taken by the students to complete the test.



- ii. Find the new mean, if another student who took 14 minutes is also included.

Science

Choose the correct option:

1. Reema pours hot water into two types of cups. One cup is made of ceramic and the other is made of paper. She records the temperature of water in the cup after 5 minutes.



Ceramic



Paper cup

	Temperature of the hot water	Temperature of water in the cup after 5 minutes
Ceramic cup	90°C	75°C
Paper cup	90°C	60°C

- i. What is Reema testing?
- Is paper a bad conductor of heat?
 - Does the shape of a cup prevent loss of heat?
 - Does the colour of cup prevent loss of heat?
 - Is paper a better conductor of heat than ceramic?
- ii. A baby passed watery stool for two days. The doctor suggested oral rehydration solution (ORS) for the baby. How would this ORS help the baby?
- It would help in digested food.
 - It would kill the bacteria that caused the infection.
 - It would prevent water from moving out of the body.
 - It would replace the fluids and minerals from the body.

2. Fill in the blanks:

- i. The process of water seepage into the ground is called _____.
- ii. No medium is required for transfer of heat by the process of _____.
- iii. The food synthesised by plants is stored as _____.
- iv. Amoeba _____ its food in the food vacuole.

3. Rewrite the incorrect statements:

- i. Animals are the only organisms that can prepare their own food using simple substances.
- ii. Clothes of light colours absorb more heat better than clothes of dark colours.
- iii. Sea is a source of potable water.

4. What is acid rain?

5. Suggest the best way to clean thermometer?

6. How is food prevented from entering the windpipe?

7. Write two similarities and two dissimilarities between the laboratory thermometer and the clinical thermometer.

8. Categorise the types of human teeth based on their functions and characteristics shape, and also provide the dental formula for a quadrant.

9. Write an activity to demonstrate presence of starch in food.

10. Explain the process of digestion in ruminants in detail.

11. Describe sea breeze and land breeze with the help of diagram.

12. Source based questions:

22 March is celebrated as the world water day. We celebrate water day every year to attract the attention of everybody towards the importance of conserving water. The amount of water recommended by the United Nations for drinking, washing, cooking and maintaining proper hygiene is a minimum of 50 litres per person per day. This amount is about two and a half buckets of water per person per day.

In some places there is an acute shortage of water. Taps running dry, long queues for water, fights, marches and protests for demand of water have become a common sight, especially during summers. Year 2003 was observed as the International Year of Freshwater to make people aware of this dwindling natural resource.



- i. During which season the crisis of water really become more?
- ii. What do you mean by rainwater harvesting?
- iii. Mention the types of water management.

Social Science

1. Answer the following questions (Multiple choice Questions):

- i. The Chola kings gifted land to Brahmanas. What were these land grants called?
 - a. Vellanvagai
 - b. Devadana
 - c. Brahmadeya
 - d. Pallichchhandam
- ii. What was the land tax called?
 - a. Iqta
 - b. Muqti
 - c. Bandagan
 - d. Kharaj
- iii. Which of these minerals is used as fuel?

- a. Gold
- b. Iron
- c. Coal
- d. Uranium

iv. When is world Environment day celebrated?

- a. 22 March
- b. 5 June
- c. 21 April
- d. 11 July

v. What does the term 'Dalit' mean?

- a. Dignified
- b. Broken
- c. Equal
- d. Respected

vi. Assertion (A): Muhammad Bin Tughlaq left Delhi, and for two years lived in a camp called Swarga-Dwari.

Reason (R): At that time, Delhi was ravaged by plague and many people died.

- a. Both A and R are individually true but R is the correct explanation of A.
- b. Both A and R are individually true but R is not a correct explanation of A.
- c. A is true but R is false.
- d. A is false but R is true

vii. Assertion (A): India is considered as a democratic country because every person is equal in the eyes of law.

Reason (R): A person having a high qualification degree and who belongs from the higher caste gets all the opportunities in India.

- a. Only A is correct and R is not the explanation of A
- b. Only R is correct
- c. Both are incorrect'
- d. Only A is correct and R is the explanation of A.

2. What was the 'tripartite struggle' over Kanauj?



3. What sources did Kalhana use to write his account of the kings of Kashmir?
4. Why was the reign of Raziyya so short?
5. How did the Delhi sultans consolidate the 'internal frontier' of the sultanate?
6. Explain how human beings have modified the environment according to their needs.
7. What does the atmosphere consist of?
8. Explain the working of the rock cycle.
9. Write the difference in the formation of extrusive and intrusive igneous rocks?
10. List the two ways in which the government has tried to implement equality.
11. Why is the idea of Universal adult franchise based on the idea of equality?
12. List the key elements of a democratic government.



Portfolios Activities - Mandatory Assignment

Self - introductory page	For the portfolios to be crafted for the upcoming session 2024-25, students have to create a self-introductory innovative page by using drawing, colour, art or any craft, or a digital page using any graphic design software tool, such as Paintbrush, Tux Paint MS PowerPoint etc. This page should include aspects such as strengths, weaknesses, challenges, uniqueness, motivation, areas of improvement, moments of joy, and ambitions. Remember to bring a hard copy of this on the first day when the school reopens.
Community Work	Embark on a journey of giving back to your community this summer! How do you envision making a positive impact? Whether it's lending a hand at a local shelter, orchestrating a park clean-up, guiding younger minds through tutoring sessions, or aiding a food bank, your efforts matter. Capture the essence of your experiences through photos, weaving them into a vibrant collage that mirrors your commitment in your portfolio.
Tree Plantation	Collect seeds of a particular plant of your choice. Then plant the seeds in the soil and observe its growth. Click the picture of yours with the seed on the very first day (5 th June, World Environment Day) and then the picture with the plant on the very last day of your holiday. Paste these pictures on an A4 size sheet.
Save Water	Water is one of the most stressed and exploited resources. Almost 600 million people face high to extreme water stress in India. By 2025, more than 2.8 billion people living in 48 countries will face water stress or water scarcity (United Nations Population Projection). Hence conserving water is the need of the hour, not only for our healthy future but for our future generations as well. But wait, the change starts from within. Have you ever wondered how much water do you waste and how much water

is actually enough for our daily activities? Let's access this with a simple activity by answering the following questions:

1. Do you brush your teeth in running water or with a cup? How much time do you take in brushing your teeth?
2. How many times in a day, do you take bath? Do you use shower?
3. How many washrooms do you have in your home? Are they dual flush or single flush?
4. Do you wash your bicycles with running water/ bucket/ or dry cleaning by wiping with cloth?
5. Are your appliances water efficient? Also mention the ways by which we check the efficiency of our water appliances.
6. Perform a small activity.
 - On the first day, perform all your activities by your traditional methods of using water at home and note down the water meter reading in the beginning and the end of the day.
 - On the second day, devise various methods by minimizing water wastage and keeping a check on your water usage. Note the reading of your water meter in the beginning of the day and at the end of that day.
 - Now multiply the reading of both the days with 30 respectively. And find the difference in the amount of water you conserved.
7. Mention all the different ways you adopted to minimize water wastage at your home?

