

| Subject | TOPIC |
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| English | <p>1. Read an English Newspaper and listen to the English News on a daily basis.</p> <p>2. Draw the following character sketches in your notebooks.(Snapshots) a) Mrs. Pearson b) Mrs. Fitzgerald c) Mr. George Pearson d) Cyril Pearson e) Doris Pearson</p> <p>3. What do you gather about Agha Shahid Ali from the lesson 'The Ghat of the Only world'?</p> <p>4. Note Making – Read the passage 'Green Sahara ' given on pages 96-98 in Hornbill and make notes on it using an appropriate format. Use minimum four abbreviations and also make a summary of the above in 80 words.</p> <p>5. Refer Chapter 5- Hornbill – (pages 107-115) and write the following letters- a) Write a letter to the President, Resident's Welfare Association of your locality suggesting some measures that could be taken for solving the problem of water scarcity. b) Write a letter to the editor of a magazine expressing your views on the deteriorating law and order situation in your country.</p> <p>NOTE- The entire Winter Holiday Homework will be done in your Writing Skill Notebook.</p> |
| Phy.Edu. | <p>1. Prepare a project on first- aid box in group.</p> <p>2. Read chapter 11 & 12.</p> <p>3. Complete your Practical File.</p> |
| Comp. Sci. | <p>1. Do Q.No. 20, 21 and 22 from Pg. No. 198 in practical file.</p> <p>2. Write Sql statements of Q.No.34, 35 and 36 from Pg. No. 322 in Comp.Science. Register.</p> <p>3. Revise all Python programs.</p> |
| Maths | <p>Ex 11.1 Q3, Q7, Q11, Q14; Ex 11.2 Q3, Q4, Q8, Q12; Ex 11.3 Q2, Q5, Q8, Q11, Q14, Q17, Q20 Ex 11.4 Q3, Q7, Q11, Q14, Q15; Ex 16.1 Q5, Q9, Q12, Q14; Ex 16.2 Q2, Q4, Q6 Ex 16.3 Q3, Q7, Q8, Q18, Q20, Q21</p> |
| Chemistry | <p>Q1. Prepare the project on given topic.</p> <p>Q2. Why are alkali metals not found in free state in nature?</p> <p>Q3. Explain why sodium is less reactive than potassium.</p> <p>Q4. Why is lithium carbonate decomposed at a lower temperature whereas sodium carbonate at higher temperature?</p> <p>Q5. Be and Mg do not give colour to the flame whereas other alkaline metals do so why?</p> <p>Q6. Compare alkali metals with alkaline earth metals.</p> <p>Q7. What causes temporary and permanent hardness?</p> <p>Q8. Write chemical reaction to justify that hydrogen peroxide can function as an oxidising as well as reducing agent.</p> <p>Q9. Discuss usefulness of water in biosphere and biological system.</p> <p>Q10. How does hydrogen peroxide behave as a bleaching agent?</p> |

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| Physics | <p>Q1. Explain why the beams used in the construction of bridges should have large depth and small breadth.</p> <p>Q2. Mention any three applications of Bernoulli's theorem?</p> <p>Q3. The surface tension of a film is $T/2L$ and not T/L. Why?</p> <p>Q4. Pieces of copper and glass are heated to the same temperature. Why does the piece of copper feel hotter on touching?</p> <p>Q5. A body cools from 60°C to 50°C in 10 minute. If room temperature is 25°C. What is the temperature of the body at the end of next 10 minutes?</p> <p>Q6. Derive an expression for the work done during the adiabatic expansion of an ideal gas.</p> <p>Q7. At what temperature is the Fahrenheit scale reading equal to half that on the Celsius scale?</p> <p>Q8. The blood pressure in human is greater at the feet than at the brain? Why?</p> |
| Biology | <ol style="list-style-type: none"> Describe the metosis cell division with the help of diagram. Name the factors that affect the binding of oxygen to haemoglobin to form oxynaemoglobin. Draw a labelled diagram of the 'Eye'. Describe the various kinds of skeletal joints in human body, according to the mobility, giving examples of each. Describe the structure of skeletal muscle. Draw diagram of alimentary canal and label its parts. Write the difference between bone and cartilage. LAB WORK:- Draw and write comments on the following bones:- <ol style="list-style-type: none"> Fore Limbe Hind limbs Human skull. |
| Hindi | <ol style="list-style-type: none"> नव वर्ष केउपलक्ष्य में मित्र को शुभकामना पत्र लिखें। सैयद हैदर रजा के व्यक्तित्व एवं कृतित्व पर प्रकाश डालिए। श्री दुष्यंत कुमार की गज़ल के 1-4 शेरों के भावार्थ लिखें। आपने क्रिसमस डे अनाथ बच्चों के साथ मनाया। उस अनुभव को डायरी के रूप में लिखें। "नागरिकता कानून"पर एक लेख लिखें। |

- Note:**
- P.T.M. will be on **28th December, 2019 (Saturday)**. It is mandatory for all the parents to attend the P.T.M. to discuss the result of your ward.
 - Winter vacations will start from 30-12-2019 (Monday) (instead of 01-01-2020) to 07-01-2020 (Tuesday).
 - The office will remain open through out Winter Break. Kindly clear your Fee Dues (if any).**
 - Do revision of all syllabus covered till date for Annual Examination to be held from Mid of February 2020.
 - Parent seeking admission for their children for the new Academic Session 2020-21 can contact the School Office between 8.30 a.m. to 1.00 p.m.

Wishing you and your family a very Happy and Prosperous New Year 2020 !!!!!