

Subj.	
English	<ol style="list-style-type: none"> 1. Revise syllabus of April and May for periodic test -1. 2. Sample paper- creative kids do the following in the book: <ol style="list-style-type: none"> a) Reading section- Practice Assignment 1-10 b) Article writing- Classroom Assignment 1-4 c) Story Writing- Classroom Assignment 1-5 d) Grammar: (i) Gap Filling- Pg.no. 231- 233 (ii) Editing- Pg.no. 237- 239, (iii) Omission- Pg.no. 245- 247 (iv) Sentence Reordering- Pg.no. 253- 255
Social Study	<p>I. Read all the chapters done in class at least twice and learn syllabus of Periodic Test1.</p> <p>II. Make a project on Disaster Management (12-20) pages. (as discussed in class)</p> <p>III. Do the given assignment in assignment notebook: -</p> <p><u>Geography-</u></p> <p>Q1. What are three implications of large land boundary and eastern coastline of India?</p> <p>Q2. “India occupies an important strategic position in South Asia”. Explain</p> <p>Q3. Describe the location and size of India in three points.</p> <p>Q4. Classify the states into five groups each having common frontiers with Pakistan, China, Myanmar, Bangladesh and Nepal.</p> <p>Q5. Name the countries, which are larger than India.</p> <p><u>History-</u></p> <p>Q6. How was taxation policy responsible for the French Revolution?</p> <p>Q7. Describe the legacy of the French Revolution for the people of the world during 19th and 20th centuries.</p> <p>Q8. Explain features of constitution of 1791 framed by the National Assembly in France.</p> <p>Q9. Who formed the Jacobin Club? What measures had been taken to remove discrimination in the French Society and form a French republic?</p> <p>Q10. How did the fall of Bastille Prison become the immediate cause of French Revolution?</p> <p><u>Civics-</u></p> <p>Q11. How has democracy expanded throughout the world? Discuss.</p> <p>Q12. What does referendum mean?</p> <p>Q13. Give argument against democracy.</p> <p>Q14. Explain main features of democracy.</p> <p>Q15. Why democracy considered the best form of government?</p> <p><u>Economics-</u></p> <p>Q16. Differentiate between Physical and Human capital.</p> <p>Q17. What means of transportation are used in the village of Palampur?</p> <p>Q18. What are the ill effects of Green Revolution?</p> <p>Q19. What are various ways to increase production on the same piece of land? Explain.</p> <p>Q20. What can be done by the government to start more non-farm activities in the village to improve the farmers’ conditions?</p>
Drawing	<ol style="list-style-type: none"> 1. Make any craft item using cold drink bottle caps. 2. Make a colourful border on cotton saree or Dupatta using wooden block. 3. Make a 3D object by cardboard or chart paper. 4. Make a colourful earthen pan using enamel colours.
Computer	<p>a) Make PPT on different types of Input, output and storage devices. Take printout and paste in Project file.</p> <p>b) Make a project on ‘The Role of Operating System’ with the help of diagrams, pictures and text (4-6 pages).</p> <p>Note: To enhance your typing practice do the following:</p> <p>c) Type information about E-learning, E-Commerce, Net banking in MS-Word. Take print out of two pages and paste it in your notebook.</p> <p>Instruction: (i) Use all 10 fingers while typing. (ii) Use font – Times New Roman. (iii) Font Size – 12, Line spacing : 1</p>

Q1 Do as directed:

- Find two rational numbers between $\frac{-2}{3}$ and $\frac{1}{4}$.
- Find two irrational number between 0.2 and 0.23
- Simplify: $\sqrt[4]{16} - 6\sqrt[3]{343} + 18\sqrt{243} - \sqrt{196}$
- Give examples of two irrational numbers, the product of which is
 - a rational number
 - an irrational number

Q2. If $\frac{5+\sqrt{11}}{3-2\sqrt{11}} = a + b\sqrt{5}$ then find a and b.

Q3. Express 0.675 in $\frac{p}{q}$ form..

Q4. Simplify: $\frac{3}{216^{\frac{-2}{3}}} + \frac{2}{256^{\frac{-3}{4}}} + \frac{2}{243^{\frac{-1}{5}}}$

Q5. Simplify: $\frac{9^n \times 3^2 \times (3^{\frac{-n}{2}})^{-2} - 27^n}{3^{3m} \times 2^3} = \frac{1}{27}$. Prove that $m - n = 1$.

Q6. Prove that $\frac{1}{3+\sqrt{7}} + \frac{1}{\sqrt{7}+\sqrt{5}} + \frac{1}{\sqrt{5}+\sqrt{3}} + \frac{1}{\sqrt{3}+1} = 1$

Q7. Represent $\sqrt{7}$ and $\sqrt{13}$ on the number line geometrically. Verify using mathematically.

Q8. Visualize 0.437 upto 5 decimal places on the number line.

Q9. Do as directed:

- if $p(x) = 4x^3 - 3x^2 - 2x + 32$. Find $p(-2)$
- Find the zero of the polynomial $3x - 5$
- Evaluate: 95×105
- Factorise: $x^2 - 21x + 20$
- Find k , if $x - 3$ is the factor of $kx^2 - kx - 2$?

Q10. Factorise: $x^3 + 13x^2 + 31x - 45$ by factor theorem.

Q11. Find the remainder if $p(x) = x^3 - 7x^2 + 6x + 4$ is divided by $x - 6$.

Q12. The polynomial $p(x) = x^4 - 2x^3 + 3x^2 - ax + 3a - 7$ when divided by $(x + 1)$ leaves the remainder 19. Find the value of a . Also find the remainder when $p(x)$ is divided by $(x + 2)$.

Q13. a) If $a + b + c = 9$ and $ab + bc + ca = 26$. Find $a^2 + b^2 + c^2$

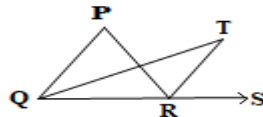
b) If $x + y = 12$ and $xy = 27$. Find the value of $x^3 + y^3$

Q14. In the figure, if $x + y = w + z$ then prove that AOB is a straight line.

Q15. If $AB \parallel DE$, $\angle BAC = 35^\circ$ and $\angle CDE = 53^\circ$, Find $\angle DCE$?

Q16. Q16. In the fig ; the side QR of ΔPQR is produced to a point S.

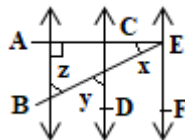
If the bisectors of $\angle PQR$ and $\angle PRS$ meet at point T, prove that $\angle QTR = \frac{1}{2} \angle QPR$



Q17. In the figure, if $PS \perp l$ and $RQ \perp l$, then find the measure of y

Q18. In the figure, ABC is an isosceles triangle in which $AB = AC$ and LM is parallel to BC. If $\angle A = 50^\circ$ Find $\angle LMC$.

Q19. In figure $AB \parallel CD$ and $CD \parallel EF$, Also $FE \parallel AB$. If $\angle BEF = 45^\circ$, Find the value of x, y & z .



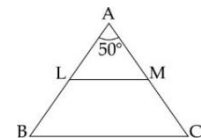
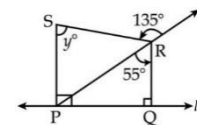
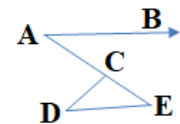
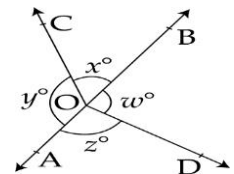
Q20. BE and CF are two equal altitudes of a triangle ABC. Using RHS congruence rule.

Prove that the triangle ABC is isosceles.

Note: 1. Lab activity 5, 8, 26, and 12 in lab manual.

2. do assignment based on ch-1,2,6 in assignment register.

3. Revise UT-1 syllabus



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Sanskrit	<ol style="list-style-type: none"> 1) 5 चित्रलेखन कीजिए (प्रोजेक्ट फ़ाइल) 2) 15 वाक्य(लट्लकार में)हिन्दी से संस्कृत में अनुवाद कीजिए (H.H.W. copy) 3) कोई एक पंचतंत्र कथा संस्कृत में लिखिए (H.H.W.COPY) 4) 10 व्यावहारिक वाक्य संस्कृत भाषा में लिखिए (Sanskrit copy) 5) 10 सूक्तिसंग्रह हिन्दी अनुवाद सहित लिखिए (H.H.W.Copy) 6) अकारान्त संस्कृत शब्दरूप ,आकारांत (स्त्रीलिंग) कीजिए (संस्कृत कॉपी) 7) 5 पत्रलेखन कीजिए (संस्कृत कॉपी) 8) पाठ 1,2,3, याद कीजिए 9) स्वर संधि, दीर्घ,गुण,वृद्धि,परिभाषा एवं 5-5 उदाहरण सहित चार्ट पेपर पर लिखिए 10) कोई दो नीतिश्लोक चार्टपेपर पर कलात्मक तरीके से लिखिए

Chemistry:-

1. Why do we see water droplets on the outer surface of a glass containing ice cold water .
2. Make table of some measurable quantities and their units.
3. You want to wear your favourite shirt to a party but the problem is that it is still wet after wash .
What steps would you take to dry it faster .
4. Why does temperature of a substance remain constant during its melting point and boiling point .
5. How does evaporation differs from boiling
6. Write simple activity to show that particles of matter are very very small.
7. Make a chart on change of states of matter
8. Alka was making tea in a kettle suddenly she felt intense heat from the puff of steam gushing out of the spout of the kettle. She was wondering whether the temperature of the steam was higher than the boiling water in the kettle . comment .
9. A strong smelling gas is stored in the cylinders as liquids but it comes out of cylinders as a gas
a. Name the gas b. What causes change in state c. Name the process of this conversion .
10. What is dry ice. Why it is so called?

Physics:-

1. Draw neat and labelled chart on human ear .
2. Draw neat and labelled graphs describing motion in the chart.
3. L-8 Motion, Do all the numerical given from reference book by dinesh.
4. Make working model on the topic given in the class.
5. Derive equation of motion by using velocity-time graph
6. Give atleast 5 examples of uniform circular motion
7. State whether the walls of your classroom are at rest or in motion .
8. Have you ever experienced that the train in which you are sitting appears to move while it is at rest
Discuss the reason.

Biology:-

1. Write the difference between prokaryotic and eukaryotic cell
2. Describe the structure of nucleus and write its functions
3. Name the three components which are present in all cells
4. What are plastids. Write its types
5. Make a chart /model of plant cell/animal cell.

Science

- 1-क्षितिज पाठ-1,2,9,10 एवं कृतिका पाठ-2 पढ़कर प्र0/30 याद करें एवं लिखें।
- 2-ग्रीष्मावकाश में की गई किसी यात्रा का सचित्र वर्णन करें।
- 3- भक्तिकाल को कितने भागों में बाँटा गया है। प्रत्येक शाखा के दो-दो कवियों का जीवन परिचय एवं रचनाओं के नाम भी लिखें ।
- 4-प्रदूषण इस विषय पर अनुच्छेद लिखकर उसमें से बीस उपसर्ग-प्रत्यय छाँटकर लिखें।
- 5-अपने क्षेत्र की समस्याओं और असुविधाओं की ओर ध्यान आकर्षित करके हुए अपने क्षेत्र के संसद सदस्य को उन्हें दूर करने के बारे में अनुरोध करें।
- 6-मानसी और गरिमा के बीच लड़का-लड़की के भेदभाव को लेकर बातचीत हुई। उनकी इस बातचीत को संवाद के रूप को में लिखिए।
- 7-‘प्रगति की ओर बढ़ते भारत के कदम’ एवं ‘इंटरनेट-सुविधा या असुविधा’- इस विषय पर निबंध लिखिए ।
- 8-छात्रावास में रहने वाले अपने छोटे भाई को नियमित व्यायाम का महत्व बताते हुए पत्र लिखिए ।
- 9-तत्पुरुष समास,कर्मधारय समास एवं द्विगु समास के दस-दस शब्द लिखकर समास विग्रह करें ।
- 10-स्कूल मैंगीन के लिए एक स्वरचित कविता एवं किसी रुचिकर विषय पर अनुच्छेद रूप में अपने विचार प्रकट करें।
- 11- इकाई परीक्षा का सम्पूर्ण पाठ्यक्रम याद करें।
नोट- सम्पूर्ण कार्य ग्रीष्मावकाश गृहकार्य कॉपी में करें ।

Hindi

“Wish you happy and enjoyable Holidays”