



BP DAV PUBLIC SCHOOL, GARHWA

Affiliated to CBSE, New Delhi

Session: 2020-21

Month: April

Home Assignment

Class: Ten

Subject	Home Work / Project / Activity
English Teacher: Govind Dubey Sir	1) A letter to God 2) Two stories about flying 3) A tiger in the zoo Write word-meaning, question-answer and value added questions. Note:-Help of dictionary and internet will be taken for exercise and word meaning. 4) Write an article about the benefits of lockdown
Maths Teacher: Barun Sir	Answer The following: Q 1: Find the HCF and LCM of 12, 15, 18, 27 by the method of i) Prime factorization method ii) Long division method Q 2: Express 360 as product of its Prime factors. Q 3: Write the decimal expansion of $\frac{73}{(2^4 \times 5^3)}$. Q 4: Explain why $3.\overline{1416}$ is a rational number. Q 5: Divide $(3 - x + 2x^2)$ by $(2 - x)$ and verify the division algorithm. Q 6: State division algorithm for polynomial with example. Q 7: If 1 is a solution of the polynomial $ax^2 - 3(a - 1)x - 1$ then find the value of a. Q 8: Define polynomials. Write type of polynomial on the basis of i) Degree ii) Terms Q 9: Write the steps to test whether a given rational number is a terminating or repeating decimal. Q 10: Factorize by middle term split method: i) $x^2 + 7x + 12$ ii) $2\sqrt{3}x^2 - 5x + \sqrt{3}$
Science Teacher: Saket Sir / Niraj Sir / Anshu Mam	* PHYSICS * Answer the following questions: 1. What is the reflection of light? State the laws of reflection of light. 2. Name the two different types of spherical mirror and difference between them. 3. Name the spherical mirror which can form real as well as virtual image of an object. 4. Write down three uses of concave mirror. 5. Name the mirror used as a rear view mirror in a car or a bus. * CHEMISTRY * 1. What is chemical reaction? 2. What is chemical equation? 3. Why chemical equation should be balanced? 4. Write the different types of chemical reaction and define them. 5. What is the difference between a. Combination reaction and decomposition reaction. b. Exothermic reaction and endothermic reaction. Give one example each. 6. What is oxidation reaction? Give two examples in your daily life where oxidation reaction takes place. 7. How can you prevent rusting of iron? 8. How can you prevent rancidity? * BIOLOGY * 1. Write the name of all the life processes which are essential for the survival of any organism. 2. Define the term nutrition and write its importance. 3. Differentiate between autotrophic and heterotrophic mode of nutrition with example. 4. With the help of flowchart describe the heterotrophic mode of nutrition. 5. Draw a well-labelled diagram of human digestive system and also write the function of the following a. Mouth b. Stomach c. Small intestine d. Large intestine. Note: • Homework should be completed in one separate notebook. • For any query please contact 9431788134

<p>SST</p> <p>Teacher: Hemant Sir</p>	<ol style="list-style-type: none"> Find out 50 objectives questions in each of the following chapter. <ol style="list-style-type: none"> History ---The Rise of Nationalism in Europe. Geography --- Resources and Development. Political Science --- Power Shearing and Federalism. Economics ----- Development. Map Work.....Resources and Development. <ol style="list-style-type: none"> Identify the All major soil on map of India. Prepare the 25 one liner question with their answer of all above mention chapter (Q.No. 1) Prepare the projects on (How to conserve natural resources?) Prepare the home assignment in 1500 words on (what is the importance of Power sharing during lock down period in India due to corona virus) <p>Note:</p> <ul style="list-style-type: none"> All home work should be completed on one note book. Topic related query contact me. (8340687360)
<p>Hindi</p> <p>Teacher: Vivekanand Pandey Sir</p>	<ol style="list-style-type: none"> रचना के आधार पर वाक्य के भेद <ol style="list-style-type: none"> सरल वाक्य , संयुक्त वाक्य और मिश्र वाक्य की परिभाषा एवं पाँच - पाँच उदाहरण लिखें । रचना के आधार पर वाक्य भेद लिखिए <ol style="list-style-type: none"> मेरे पिता तड़के उठ कर पूजा करने बैठ जाते थे । माता से केवल दूध पीने का नाता था । एक दिन की बात है कि आँधी आई और पट पड़ गयी । जब जापान जाने का अवसर मिला तब हिरोशिमा भी गया और वह अस्पताल भी देखा । मूर्तिकार ने जवाब दिया कि नाक लग जाएगी । हम लोग डरकर भाग चले । रानी आए और नाक ना हो । माताजी ने कहा कि वह कल खाना नहीं बनाएँगी । आप आएँ और सब को आशीर्वाद दें । या तो नौकरी करो या व्यापार करो । संज्ञा, सर्वनाम, क्रिया, विशेषण, क्रिया विशेषण, लिंग, वचन के भेद की परिभाषा उदाहरण सहित लिखें एवं याद करें। निम्नलिखित विषय पर अनुच्छेद लिखिए <ol style="list-style-type: none"> हमारे राष्ट्रीय पर्व मेरा प्रिय कवि मेरी प्रिय पुस्तक समय का सदुपयोग युवाओं में भटकाव के कारण पत्र लेखन <ol style="list-style-type: none"> आपके बड़ी बहन का दाखिला मेडिकल में हो गया है- इस सफलता के लिए बहन को बधाई पत्र लिखिए। बड़े भाई के विवाह का निमंत्रण देते हुए अपने मित्र को पत्र लिखिए । आपके विद्यालय में रक्तदान शिविर लगा है । कक्षा दसवीं का छात्र रक्तदान करना चाहता है । इस विषय पर प्रधानाचार्य को पत्र लिखिए । पुस्तकालय में हिंदी की पुस्तकें और पत्रिकाएं मँगवाने के लिए विद्यालय के प्राचार्य को पत्र लिखिए ।
<p>Sanskrit</p> <p>Teacher: Mrinal Sir</p>	<ol style="list-style-type: none"> वर्ण की परिभाषा, वर्णों के प्रकार एवं वर्णों का उच्चारण स्थान लिखें व याद करें। स्वर संधि- दीर्घः, गुणः, वृद्धि एवं यण सन्धि की परिभाषा एवं दस दस उदाहरण लिखें व याद करें। बालक, लता, फल, मुनि, मति, साधु, नदी, मातृ, पितृ, भवत्, (स्त्रीलिंग एवं पुल्लिंग) तत्, एतत् एवं किं (तीनों लिंगों में) शब्दों का लिखें व याद करें। पठ्, लिख्, गम्, कृ, एवं वद्, धातुओं का रूप पांचों लकारों में लिखें व याद करें। 22 उपसर्ग लिखें व याद करें।
<p>Information Technology (402)</p> <p>Teacher: Ashish Ranjan Sir</p>	<p>Chapter-1: Communication Skills-II, Chapter-2: Self-Management-II, Chapter-3: ICT-II</p> <ol style="list-style-type: none"> Write Short Notes on: Decoding Message, Communication, Feedback, 7C's of Communication, Stress, Self-Management, Meditation, Self-Regulation, Self-Awareness List the ways to get motivated. List the ways to manage stress. What is a Time Sharing OS? Explain: Device Driver, Open Source OS, Linux OS, Real-Time OS What is a File System? List different categories of File System.

Note:- Homework should be prepared in separate notebook/copy.