

HOLIDAY-HOMEWORK

(CLASS-XI A&B)

SUBJECT	HOMEWORK
ENGLISH (Mrs. Sonali Chopde)	<ol style="list-style-type: none"> 1. Prepare a research on Armenian genocide(ppt) 2. write a comparative study of the prose 'The portrait of a lady' with the poem 'A photograph'. 3. write the content of any of the short story of your choice in the form of note-making . 4. prepare a poster portrays hope /victory in adverse pandemic situation. <p>Note.</p> <ol style="list-style-type: none"> 1. All the activities should be done in note book except first one and to be submitted on or before 16/6/2021. 2. Each subject enrichment Activity carries 5 marks.
HINDI (Mrs. Shamim Akhtar)	<ol style="list-style-type: none"> 1. देश के महानगरों में पानी की गंभीर समस्या है इसके कारणों के बारे में एक रिपोर्ट तैयार कीजिए । 2. अभिव्यक्ति और माध्यम में इकाई एक में विभिन्न लोक माध्यमों की चर्चा हुई है आप अपने क्षेत्र में प्रचलित किसी लोकनाट्य या लोक माध्यम के किसी प्रसंग के बारे में जानकारी हासिल करके उसकी प्रस्तुति के खास अंदाज़ को लेकर एक पीपीटी बनाइए। 3. स्वतंत्र भारत के प्रमुख समाचार पत्र और आजादी दिलाने में जिन पत्रकारों ने या साहित्यकारों ने अपना योगदान दिया है उनके नाम लिखिए। 4. अभिव्यक्ति और माध्यम की इकाई एक और दो से 20 लघु प्रश्न उत्तर लिखिए।
MATHS (Dr. Neerja Mishra)	<p>chapter 1 and chapter 2</p> <p>All the Exercises from NCERT book for class 11th</p> <p>Download any 10 Maths</p> <p>activities and prepare your Maths activity notebook. Practical copy for Physics could be used for the purpose. Out of many activities you can choose any 10.</p>
COMPUTER SCIENCE (Mrs. Ridhima Awasthi)	<ol style="list-style-type: none"> 1. Construct logical expressions to represent the following conditions: <ol style="list-style-type: none"> a. Weight is greater than or equal to 115 but less than 125 b. x is even c. Donation is in the range 4000-5000 or guest is 1 d. ch is an uppercase

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| | <ol style="list-style-type: none">2. Write a program to obtain principal amount, rate of interest and time from user and compute simple interest.3. Write a program to obtain temperatures of 7 days(Monday, Tuesday, Wednesday....Sunday) and then display average temperature of the week.4. Write a program to obtain x,y,z from user and calculate expression $4x^4+3y^3+9z+6\pi$
Take value of pi by importing math module or 3.145. Write a program that reads a number of seconds and print it in form min and seconds example 200 seconds are printed as 3 min 20 seconds. Use // and % to get minutes and seconds.6. Write a program to take 2 digit number and then print the reversed number . if the input given is 25 , the program should print 52.7. Write a program to calculate compound interest. Import module if required.8. Write a program to illustrate the use of // and % operators using floating point values.9. Write a program to illustrate the use of identity operators.10. Write a program to illustrate the use of membership operators.11. Write a program to illustrate the use of logical operators.12. Write a program to illustrate the use of bitwise operators13. Write a program to input radius from the user and print area of circle and circumference of circle.14. Write a program to input a number and print its five multiples.15. Write a program to read three numbers in three variables and swap first two variables with the sum of first and second, second and third number respectively. |
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SUBJECT	HOMEWORK
PHYSICS (Mr. Tabrez Rasool)	<p>Write the following practicals in your practical record.</p> <ol style="list-style-type: none"> 1. To find the diameter of a spherical body by using Vernier Callipers. 2. To measure the dimensions of a given regular body of known mass using Vernier Callipers and hence find its density. 3. To measure the internal diameter and depth of a given calorimeter/beaker using a Vernier Callipers and hence find its volume. 4. To measure diameter of a given wire using screw gauge 5. To measure thickness of a sheet using screw gauge.
CHEMISTRY (Mrs. Mradulata Singh)	<p>Q.1 If an electron is moving with a velocity of 600 per second which is accurate up to 0.005% then calculate the uncertainty in its position.</p> <p>Q.2 Calculate the uncertainty in velocity of a cricket ball having mass 0.15 kg if the uncertainty in its position is in the order of 1 angstrom.</p> <p>Q.3 the uncertainty in the momentum of a particle is $2.2 \times 10^{-4} \text{ g cm/s}$, with what accuracy can its position be determined.</p> <p>Q.4 if n is equal to 3 what are the values of quantum numbers l and m.</p> <p>Q.5 how many orbitals are present in the sub shells with $n = 3, l = 2$, $n = 4, l = 2$</p> <p>Q.6 what are the values of n , l and m for 2p orbital.</p> <p>Q.7 what is the designation given to the orbital having</p> <ol style="list-style-type: none"> a) $n=2, m=1$ b) $n=3, l=1$ c) $n=4, l=2$ <p>Q.8 calculate the kinetic energy of an Alpha particle which has wavelength of 12 picometre.</p> <p>Q.9 Two particles A and B are in motion if the wavelength associated with the particle A is $5 \times 10^{-8} \text{ m}$.calculate the wavelength associated with particle B if its Momentum is half of A.</p> <p>Q.10 Explain model of atom given by Rutherford and Neil's Bohr.</p>
BIOLOGY (Mr. Johnson Varghese)	Text book Exercises pg.15 and 28.to be done in CW copy.
ECONOMICS (Mrs. Archana Khale)	<p>Make an Art integrated project file on any 1 topic out of the given.</p> <ol style="list-style-type: none"> 1.India's Logistics Sector 2.Horticulture Golden Revolution 3.India Emerging as a hub for innovations 4.Economics behind IPL

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