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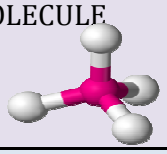
DEEPAWALI VACATION ASSIGNMENT (CLASS- XI)

SUBJECT	HOME WORK
English	GROUP INTERVIEW PROJECT: JINDAL PATRATU EMPLOYEES (INTERVIEWEES) INSTRUCTIONS/ GUIDELINES 1. PREPARE A FILE WITH 9-10 RELEVANT QUESTIONS FOR THE INTERVIEW. 2. EACH STUDENT WILL PREPARE THEIR OWN FILE. 3. STUDENTS WILL CONDUCT THE INTERVIEW IN GROUPS. 4. DURATION: 2-3 MINUTES 5. GROUP OF STUDENTS, DATE AND INTERVIEWEES' DETAILS WILL BE SHARED LATER. SUBMISSION: - EACH STUDENT WILL SUBMIT THEIR PREPARED FILE WITH QUESTIONS AND THEIR ANSWERS GIVEN BY INTERVIEWEES, AFTER THE CONDUCT OF INTERVIEW. IT WILL ALSO INCLUDE: - A BRIEF REPORT (1-2 PAGES) SUMMARISING KEY INSIGHTS AND TAKEAWAYS.
Physics	1.TO MAKE A PAPER SCALE OF GIVEN LEAST COUNT, E.G., 0.2CM, 0.5 CM. 2. TO STUDY VARIATION OF TIME PERIOD OF A SIMPLE PENDULUM OF A GIVEN LENGTH BY TAKING BOBS OF SAME SIZE BUT DIFFERENT MASSES AND INTERPRET THE RESULT.
Chemistry	1. WRITE ALL NAMING ORGANIC CHEMICAL REACTION 2. WRITE IN BRIEF TO IDENTIFY TEST FOR ALCOHOL AND DEGREE OF ALCOHOL 3. MAKE MODEL ON MOLECULAR STRUCTURE OF DIFFERENT HYBRIDIZED MOLECULE LIKE SP3, SP2, SP, SP3D, SP3D2 AND SP3D3 
Maths	1. NOTE: DO THE FOLLOWING WORK ON A4 SIZE SHEETS ALONG WITH COVER PAGE. (DON'T USE STICK FILES) 2. WRITE DOWN THE FORMULAS CHAPTER-WISE AND REVISE THEM. 3. MAKE A MATHEMATICS WORKING MODEL/ TLM ALONG WITH DESCRIPTION OF MODEL/TLM.
Biology	1. COMPLETE THE INVESTIGATORY PROJECT ON THE PRESCRIBED TOPICS. 2. COMPLETE THE PROJECT RECORD FILE. 3. MAKE A CHART PAPER SHOWING THE DIAGRAMS AND CHARACTERISTICS OF VERTEBRATES. 4. USE CHART PAPER AND USE COLOURFUL CUT OUTS TO REPRESENT THE CALVIN CYCLE,KREB CYCLE AND ETS ,EXPLAIN THE NET ATP GAIN FROM 1 GLUCOSE MOLECULE.
Economics	1. EFFECT ON PPC DUE TO VARIOUS GOVERNMENT POLICIES 2. OPPORTUNITY COST AS AN ECONOMIC TOOL (TAKING REAL LIFE SITUATIONS) 3. EFFECT ON EQUILIBRIUM PRICES IN LOCAL MARKET (TAKING REAL LIFE SITUATION OR RECENT NEWS) 4. SOLAR ENERGY, A COST-EFFECTIVE COMPARISON WITH CONVENTIONAL ENERGY SOURCES 5. EFFECT OF PRICE CHANGE ON A SUBSTITUTE GOOD (TAKING PRICES FROM REAL LIFE VISITING LOCAL MARKET) 6. EFFECT OF PRICE CHANGE ON A COMPLEMENTARY GOOD (TAKING PRICES FROM REAL LIFE VISITING LOCAL MARKET) 7. BUMPER PRODUCTION- BOON OR BANE FOR THE FARMER

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B.St.	1. PRINCIPLES OF INSURANCE. (ROLL NO. 1) 2. BENEFITS OF CROP, ORCHARDS, ANIMAL AND POULTRY INSURANCE TO THE FARMERS. (ROLL NO. 2) 3. GUAVAS FROM ALLAHABAD (ROLL NO. 3) 4. VISIT TO A MALL. (ROLL NO. 4) 5. VISIT TO A DEPARTMENTAL STORE. (ROLL NO. 5) 6. ORANGES FROM NAGPUR (ROLL NO. 6) 7. IMPORT /EXPORT PROCEDURE (ROLL NO. 7)
Accountancy	JOURNAL TO FINANCIAL STATEMENT OF A SOLE PROPRIETORSHIP
Computer	ANSWER THE FOLLOWING QUESTIONS: 1. WHAT IS THE DIFFERENCE BETWEEN APPENDING A LIST AND EXTENDING A LIST? 2. START WITH THE LIST [8, 9, 10]. DO THE FOLLOWING USING LIST FUNCTIONS: (A) SET THE SECOND ENTRY (INDEX 1) TO 17 (B) ADD 4, 5 AND 6 TO THE END OF THE LIST (C) REMOVE THE FIRST ENTRY FROM THE LIST (D) SORT THE LIST (E) DOUBLE THE LIST (F) INSERT 25 AT INDEX 3 3. WHAT DOES EACH OF THE FOLLOWING EXPRESSIONS EVALUATE TO? SUPPOSE THAT L IS THE LIST ['THESE', ['ARE', 'A', 'FEW', 'WORDS'], 'THAT', 'WE', 'WILL', 'USE']. (A) L[1][0::2] (B) 'A' IN L[1][0] (C) L[:1] + L[1] (D) L[2::2] (E) L[2][2] IN L[1] WRITE PYTHON PROGRAMS: 4. ASK THE USER TO ENTER A LIST CONTAINING NUMBERS BETWEEN 1 AND 12. THEN REPLACE ALL OF THE ENTRIES IN THE LIST THAT ARE GREATER THAN 10 WITH 10. 5. WRITE A PROGRAM TO CHECK IF A NUMBER IS PRESENT IN THE LIST OR NOT. IF THE NUMBER IS PRESENT, PRINT THE POSITION OF THE NUMBER. PRINT AN APPROPRIATE MESSAGE IF THE NUMBER IS NOT PRESENT IN THE LIST. 6. COMPLETE THE PRACTICAL FILE TILL LAST LAB ASSIGNMENT. PROJECT: MAKING A POSTER THAT DEMONSTRATE ABOUT DIFFERENT TYPES OF CYBER FRAUDS.