MPVM, Prayagraj
Session: 2024-25
Subject: B.Stu.
Class: XII

1. Revise the chapters taught in the class.
2. Practice Application oriented questions of board papers
3. Prepare questionnaire of the topic taken for Project Work
4. Conduct survey in shops or nearby places
5. Prepare blueprint of project work and submit

MPVM, Prayagraj
Session: 2024-25
Subject: Accountancy
Class: XII

1. Revise the concepts of 1&2 chapters
2. Memorise the rules of accounting Interest on capital, interest on drawing & commission.
3. Practice questions of new ratio & goodwill
4. Do 10 questions of fundamentals of partnership.
5. Prepare comprehensive question of project work an

HOLIDAYS HOME WORK
LEGAL STUDIES
CLASS XII

1. Write at least 3 cases as project as explained in the class
2. Read the text book
3. Read the newspaper and mark legal news

ग्रीष्मावकाश कार्य
विषय . हिंदी
कक्षा . 12

1. निम्नलिखित विषयों में से किसी एक विषय पर 150 शब्दों का एक सारगर्भित अनुच्छेद लिखिए.
क. देश के नवनिर्माण में युवाओं की भूमिका
ख. वर्तमान समय में सोशल मीडिया का बढ़ता प्रभाव एवं आवश्यकता।
ग. मतदान जागरूकता
2. पढ़ाए गए सभी पाठों के प्रश्न उत्तरों को याद कीजिए।

3. व्याकरण पुस्तक अथवा सैंपल पेपर की सहायता से पढ़ाए गए सभी व्याकरणिक अंशों का अभ्यास कीजिए।
4.परियोजना कार्य
लेखक एकवि एसाहित्य एवं विभिन्न सामाजिक विषयों जैसे.
'हिंदी भाषा और साहित्य से जुड़े विविध विषयों विधाओं साहित्यकारों समकालीन लेखन भाषा के तकनीकी पक्ष प्रभाव अनुप्रयोग एवं साहित्य के सामाजिक संदर्भों एवं जीवन मूल्य संबंधी प्रभाव आदि
भक्ति काल हिंदी साहित्य का स्वर्ण युग
संचार माध्यम
किसी एक विषय पर सीबीएसई द्वारा निर्देशित मानकों के आधार पर फाइल वर्क

Holidays Home work
General studies

Write the projects discussed in the class

(IN COPY)
1.Make the notes of Chapter 1.
2.Practice the fixtures (Knockout & Staircase method)
 PROJECT WORK

Draw the Surya Namaskar on the chart paper. (Mention all the asanas)

A.K.SINGH
(Physical education teacher)

Holiday Home-Work (2024-2025)
Class: XII
Subject: Informatics Practices (065)

A) Write short note on the following-

1) Computer Network	11) Network Topologies	21) Digital footprint
2) LAN	12) Introduction to Internet	22) Data protection
3) MAN	13) URL	23) Intellectual property rights (IPR)
4) WAN	14) WWW	24) Plagiarism
5) Modem	15) email	25) Free and Open Source S/W (FOSS)
6) Hub	16) Chat	26) Cybercrime and Cyber laws
7) Switch	17) VoIP	27) Hacking
8) Repeater	18) Website and webpage	28) Phishing
9) Router	19) Static vs dynamic web page	29) Overview of Indian IT Act.
10) Gateway	20) Web server and Hosting	30) E-waste: hazards and management.

B) Write the uses of following function in MySQL:

1) POWER ()	8) LENGTH ()	15 NOW ()	22) MAX ()
2) ROUND ()	9) LEFT ()	16) DATE ()	23) MIN ()
3) MOD ()	10 RIGHT ()	17) MONTH ()	24) AVG ()
4) UCASE ()/UPPER ()	11) INSTR ()	18) MONTHNAME ()	25) SUM ()
5) LCASE ()/LOWER ()	12) LTRIM ()	19) YEAR ()	
6) SUBSTRING ()/SUBSTR ()	13) RTRIM ()	20)DAY ()	
7) MID ()	14) TRIM ()	21) DAYNAME ()	

(1)Do numericals from the units studied in the class.
(2) Revise the unit some basic concepts of organic chemistry which studied in the class 11.
(3) Make a rough summary of experiment based projects of chemistry.
(4) Revise units already studied in the class .

Maharshi Patanjali Vidya Mandir, Prayagraj
Holiday Homework (Session 2024-25)
Class: XII
Subject: Computer Science

Note: The answers to all questions should be written neatly and properly only in the Theory Notebook.

Q.1. Write a user defined function in Python named Puzzle(W,N) which takes the argument W as an English word and N as an integer and returns the string where every Nth alphabet of the word W is replaced with an underscore ("_").

Q.2. Write a program to input values from user and create a 2D List.

Q.3. Write a program to read a text file and convert the case of each character in the text file.

Q.4. Explain and compare the usage of the three methods read(), readline() and readlines() with the help of suitable program examples.

Q.5. Compare in detail the properties of the file modes "r","w","a","r+","w+","a+".

Q.6. Write a program to read a text file and count the no of words in file beginning with character 'a'.

Q.7. Write a program to read a text file and count as well as display the words containing at least one vowel and words containing only consonants.

Q.8. Write a program to read a text file and replace all occurrences of "is" with "was" in the same file.

Q.9. Write a user defined function in Python named showInLines() which reads contents of a text file named STORY.TXT and displays every sentence in a separate line. Assume that a sentence ends with a full stop (.), a question mark (?), or an exclamation mark (!).

Q.10. A binary file, EMP.DAT has the following structure:

        [Emp_Id, Name, Salary]
        where
         Emp_Id : Employee Id
         Name : Employee Name
         Salary : Employee Salary
         Write a user defined function, disp_Detail( ), that would read the contents of the file
         EMP.DAT and display the details of those employees whose salary is below 25000.

Holiday Homework
Physics
class 12

1. Complete the assignment sheet for topic Electric Field and charges
2. Complete the assignment sheet for topic Gauss theorem
3. Complete the assignment sheet for topic Electric potential

MAHARSHI PATANJALI VIDYA MANDIR
HOLIDAY HOMEWORK
ECONOMICS
CLASS 12
SESSION 2024-25

(MACROECONOMICS)

NATIONAL INCOME
Basic Concept of Macro Economics
Difference between Micro and Macro

Stock and Flow
Classification of Goods
Consumer Goods , Capital Goods Intermediate and Final Goods
Leakage and Injections
Real Flow and Money Flow
Circular Flow of National Income Real Flow and Money Flow Concepts under various Sectors of an Economy.
Methods of Measurement of National Income under Production, Income and Expenditure Methods
Practice doing Numericals of National Income by various Methods given at the back of the chapter.Steps and Precautions to be taken under Various Methods of National Income.Concepts of Normal Resident, Domestic Territory, NFIA, Current and Capital Transfers ,operating Surplus, COE,Mixed Income etc.

(INDIAN ECONOMIC DEVELOPMENT)
Make notes of the given Topics
1. Indian Economy on the Eve of Independence
2. Five Year Plans and NITI Aayog.

PROJECT WORK
SELECT ANY ONE OF THE TOPICS MENTIONED IN BOARD SYLLABUS AND MAKE A BLUE PRINT..
………………………………………..

Psychology Holiday Homework
Class 12

1. **Observe and interview five persons in your neighbourhood in order to see how they differ from each other in terms of certain psychological attributes. Cover all the 5 domains. Prepare archaeological profile of each person and compare.**
2. **Select 5 Vocations and gather informations about the nature of work done by people of these Vocations. Also analysis these vocations in terms of the types of psychological attributes required for successful performance. Write a report.**
3. **We all have some notions about our ideal selves, i. e. and what we would like to be? Take time to imagine that you have achieved your ideal self. With this notion of your ideal self, express your attitudes towards these categories: (a) school, (b) friends, (c) family and (d) money. Write a paragraph on each describing your ideal attitudes. Next write all these categories on 4 sheets of paper and ask your 2 friends and 2 family members to write about what they perceive to be your real attitudes towards these categories. These 4 persons will describe your real self as they see you. Compare your ideal descriptions with others real descriptions in detail. Are they very similar or dissimilar? Prepare a report on this.**
4. **Seect five persons ,whom you most admire, either from real life or from history. Collect information about their contributions in their respective fields and identify the characteristics in their personality that have impressed you. Do you find any similarities? Prepare a comparative report.**

Holiday Home Work
Class : 12
Session : 2024-25
Subject : Applied Mathematics

1.Solve 50 questions from the chapters covered till May 2024.

2.Make a list of all formulae of the chapters covered in class 11th and 12th.

3.Revise and write the concept of calculation of Income Tax /G.S.T./Sale Tax.

Holiday Home Work
Class : 12
Session : 2024-25
Subject : Standard Mathematics

1.Solve 100 questions from the chapters covered till May 2024.
2.Draw the graphs of six Trigonometric and Inverse Trigonometric functions with their domain
and range.
3.Make a list of all formulae of the chapters covered in class 11th and 12t

Biology Holiday Homework
Class 12

Topics: Principles of Inheritance & Variations
* Complete your work on file paper or A4 size paper.
Q1. A non-haemophilic couple was informed by their doctor that there is possibility of a
haemophilic child being born to them. Draw a checker board and find out the percentage of
possibility of such a child among the progeny.
Q2. In a particular plant species, majority of the plants bear purple flowers. Very few plants
bear white flowers. No intermediate colours are observed. If you are given a plant bearing
purple flowers, how would you ascertain that it is a pure breed for that trait? Explain.
Q3. Inheritance patterns of flower colour in garden pea plant and snap dragon differ. Why is
the difference observed? Explain the difference with the help of crosses in their inheritance
patterns.
Q4. AaBb was crossed with aabb. What would be the phenotypic ratio of the progeny?
Q5. A true breeding homozygous pea plant with green pods and axial flowers as dominant
characters, is crossed with a recessive homozygous pea plant with yellow pods and terminal
flowers. Work out the cross up to F2 generation giving the phenotypic ratio of F1 and F2 generation
respectively.
Q6. Name one autosomal dominant and one autosomal recessive Mendelian disorder in
humans.
Q7. Why is Drosophila ideal for experiments in Genetics?
Q8. The map distance between genes A and B is 3 units, between B and C 10 units and
between C and A 7 units. What is the order of the genes on the linkage map?
Q9. A man who is a PTC taster has a non-taster wife. They have a taster son and two nontaster daughters.
Give the genotypes of the parents and children and represent them on a
pedigree chart. Is this a sex linked character? Explain.
Q10. Suppose you begin with one molecule of DNA, after 4 replications, how many
daughter DNA molecules would have original parental strands?

II. Prepare an Investigatory Project on the topics assigned to you in the class.

CLASS 12
BIOTECHNOLOGY HOLIDAY HOMEWORK

I. Make a table of restriction enzymes, their source, recognition and cleavage sites. (Any five example)

II. Explain any two techniques (RFLP, PCR, DNA sequencing).

III. Revise the chapter Recombinant DNA technology.

IV. Draw diagrams of all plasmid vectors.

Note: Do holiday homework on file paper or on A4 size paper.

Subject : History

Make a project file decoratively covered, following the norms discussed earlier of about 20 pages on the topic chosen. The topic chosen should be relevant to the syllabus. Extra informations may be added. Matter can be collected from any authentic source.

Go through the portions covered in class.