

## Class XI

### English

1. In the poem childhood why does markus natten say that his childhood is hidden in an infant's face ?
2. how do Cyril ,doris and George react to mrs .pearson behaviour ?
3. what does the poet think about individuality and hypocrisy in the poem childhood ?
4. what advise did mrs fitzgerald give to the mrs. Pearson ?
5. what happen when mr crocker haris cracked one of his classical jokes?
6. you are jyoti/ jayant rao ogf class +1-d . write an article inn 150-200 words on topic – vocational training as part of school curriculum.
7. you want to sell your k- 10 car as you are going abroad draft an advertisement for the classical column of the local daily giving particular of model ,condition,mileage etc.
8. read novel canterville ghost and write summary of each chapter separately.

### Geography

- 1 . frame 5 questions of 1 marks ,3marks, 5 marks from each chapter  
8,9,10,11,12, book- fundamental of physical geography  
5,6 book-
2. learn syllabus of 2 unit test chapter 8,9,10,11,12 book- 1 fundamental of physical geography chapter 5,6 book -2 India physical geography
3. make a project file on Indian season consist of summer, winter autumn, rainy season [10 pages] with acknowledgement and bibliography

### History

1. Frame 10 questions of very short answer, 5 questions of short answer type,3 questions of long answer type questions from ch-6 to 8 of history and learn questions.

### Pol.Science

1. Chapter 6,7,8 book [political theory ]
2. Chapter 4,5 book [constitution at work]

3. [1 marks] write and learn 10 question and answer from each chapter
4. [4 marks] write and learn 5 question and answer from each chapter
5. [6 marks] write and learn 3 question and answer from each chapter

## Economics

### Statistics

1. Ppg 248-Q1
2. Pg 250-Q1
3. Pg 254-Q1
4. Pg 260-Q1,2
5. Pg 262-Q2
6. Pg 266-Q2
7. Pg 269-Q2
8. Pg 273-Q2,4
9. Pg 283-Q1,2
10. Pg 299-Q21,22

### Indian Economics

1. Explain steps taken by govt in developing rural markets?
2. Why is agricultural diversification essential for sustainable livelihood?
3. Write short notes on non –farm activities  
Fisheries, horticulture, information technology
4. write types of unemployment found in India?
5. write causes of unemployment in India?
6. how is distribution of workforce by industry in India?
7. different b/w formal & informal workers?
8. define inflation. write causes of inflation?
9. write problems related to inflation in India?
10. write policies adopted by govt to control inflation?
11. write short notes on skill India, make in India, Start-ups?

### Physical Education

1. write chapter from 9 to 12 in homework copy.

2. make practical on athletics portion.

### Maths

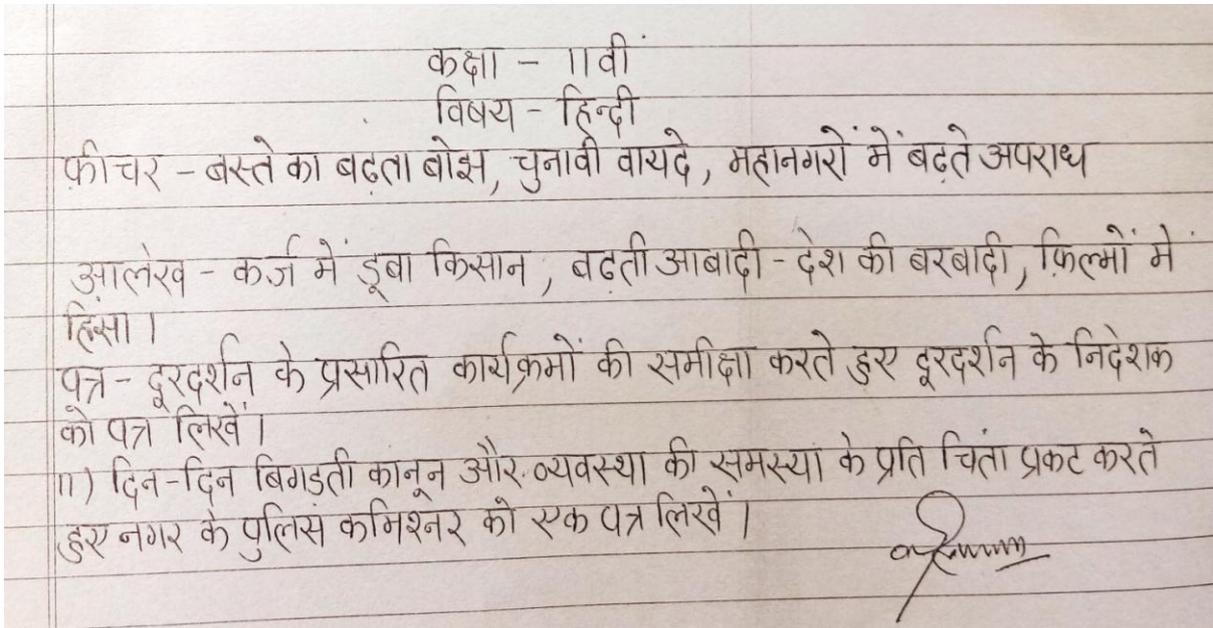
1. ex-12.1, 12.2, 12.3 MISC.
2. ex-MISC-ex-of conic section.
3. ex-10.3 only on separate copy.

### Computer Science

1. write a c++ program to check a year for leap year or not.
2. write a program to find series of odd no.
3. write a program to find swapping of two no using function.
4. write a program to find add of two matrix.
5. write a program to find factorial of any no.
6. explain
  - i) syntax error
  - ii) semantic error
  - iii) program coding
7. what is length of bytes of the following variables:
  - a) integer variable
  - b) float variable
  - c) double variable
  - d) character variable
8. write a program to find transpose of matrix.
9. .write a program to find multiplication of two matrix.
10. write a program to find two popular system software.
11. what is relation b/w microprocessor and microcomputer?
12. difference b/w if and switch statement.
13. .write a program in c++ to find row sum and column sum of a matrix.
14. what is difference b/w '=' and '=='?
15. what are advantages & disadvantages of modular programming?
16. write a program to reverse all the strings stored in an array.
17. write a program to sum the elements above and below main diagonal of matrix?
18. .write a program to convert a string to proper case.
19. write a program to find factorial of any no.
20. write a program to find Fibonacci series.
21. what are the characteristics of good program.
22. different b/w the post increment and pre-increment operators. give eg of c++ operators for each one of them.
23. give difference b/w type casting and automatic type conversion. also give a suitable c++ code to illustrate both.

24. write a c++ program to input a no. if no is even, print its square otherwise print its cube.
25. .write a program to input three integers and print largest of three.
26. how is structure different from an array?
27. what is variable?
28. program to illustrate difference b/w break and continue statements.
29. .write a c++ program that prints 1 2 4 8 16 32 64 128.
30. program to count no of spaces in string.
31. program to compare lengths of two strings.
32. program to print cube of a given no using a function.
33. program to read & check equality of two matrices.
34. write a c++ program that checks whether given character is alphanumeric or a digit.
35. what is function of main().
36. what is meaning of base address in context of arrays?
37. what do you understand by self documenting code.
38. .write a program that takes an int argument and return 0 if the given no is prime otherwise return-1.
39. why is secondary storage needed at all?

#### Hindi



#### Physical Education

- LESSON NO.- 9,10,11,12 on separate copy
- Athletics portion on practical copy (on 10 pages).

### BUSSINESS STUDIES

- REVISE YOUR SYLLABUS FULLY FOR 2 UNIT TEST.
- PRACTICE PAPER 1 (PAGE NO 293) IN SEPARATE COPY.
- PROJECT WORK AS SELECTED BY STUDENTS FROM SARASWATI BUSINESS STUDIES.

### ACCOUNTANCY

- REVISE YOUR SYLLABUS FULLY FOR 2 UNIT TEST.
- PRACTICAL PROBLEM OF CHAPTER FINANCIAL STATEMENT NOT –FOR-PROFIT ORGANISATION

#QUES NO 1,12,32,33,34,35,36,37,39,40,49.

- PROJECT WORK :-

BANK RECONCILIATION STATEMENT (PAGE NO 12.53)

#2 QUES WITH SAME MONTH.

# 2 QUES WITH DIFFERENT MONTH.

OR

VOUCHER

3 DEBIT VOUCHER ,3 CREDIT VOUCHER, 4 TRANSFER VOUCHERS.

### XI CHEMISTRY

1. Explain the difference in the properties of diamond and graphite on the basis of their structure.
2. What are allotropes? Sketch the structure of two allotropes of carbon namely diamond and graphite?
3. When metal X is treated with NaOH, a white precipitate (A) is obtained which is soluble in excess of NaOH to give soluble in dilute HCl to form compound (C). The compound (A) when heated strongly gives D which is used to extract metal. Identify X,A,B,C,D. Write suitable equation to support their identity.
4. A certain salt X gives the following result:
  - (i) It aqueous solution is alkaline to litmus .
  - (ii) It swells up to a glossy material Y on strong heating.
  - (iii) When concentrated  $H_2SO_4$  is added to a hot solution of X while crystal of an acid Z separates out. Write equations for all the above reactions and identify Z,Y,Z.
5. If the starting material for manufacture of silicones is  $RSiCl_3$ , Write the structure of the product formed.
6. Discuss the various reactions in solvay's process.
7. Compare the alkali metals and alkaline earth metals w.r.t ionization enthalpy, basicity of oxides and solubility of hydroxides.

8. Compare the solubility and thermal stability of the following compounds of alkali metals with those of alkaline earth metals- Nitrates, Carbonates, Sulphates.
9. Starting with NaCl, how would you proceed to prepare sodium metal, sodium hydroxide, sodium peroxide and sodium Carbonate?
10. Explain the significance of Na, K, Mg, Ca, in the biological fluid.
11. Equilibrium:  
Numerical : (10 in number)  
7.10, 7.13, 7.24, 7.26, 7.28, 7.41, 7.43, 7.58, 7.60, 7.67.

### Subject – Physics

1. What is torque? At what angle torque is zero and maximum?
2. Define theorem of parallel and perpendicular axis.
3. Find the moment of inertia of ring about different orientations?
4. Find the variations in the value of  $g$  due to depth and also find percentage decrease?
5. What is stress, write its formula and S.I. unit?
6. What is Pascal law . Explain one any of its application?
7. Find the young's modulus of elasticity?
8. Derive ascent formula?
9. What is effect on surface tension of water when its temperature increases and why detergents are used to wash the clothes?
10. Derive the expressions for excess pressure in soap bubble?
11. What is difference between streamlined, laminar and turbulent flow?
12. What is coefficient of viscosity and also define viscosity of liquid?
13. Show that coefficient of cubical expansion is three times of coefficient of linear expression?
14. What is calorimeter and find the specific heat of any liquid using calorimeter?
15. Convert 37 degree Celsius into other three different scales?
16. Write two application of thermal expansion?
17. Derive the expression for work done in isothermal expansion?
18. What is first law of thermo dynamics?
19. Why hair of brush spread out when dipped in water?
20. What is escape velocity and derive its expression?