Banyan Tree School, Jagdishpur
Holiday Homework
Class: X   Session 2023-2024

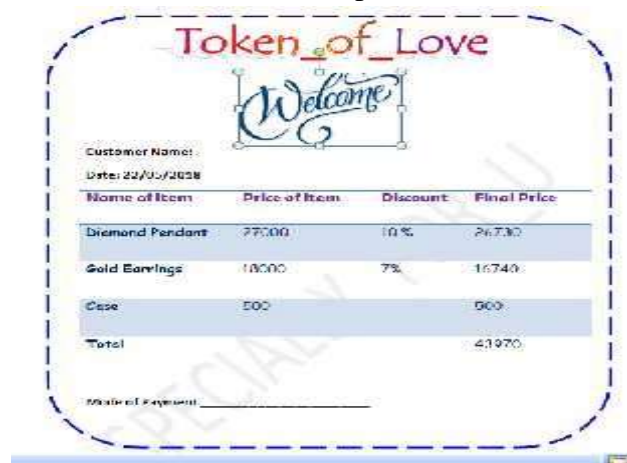|	
Subject: Science	Chemistry:- Q1. Make a project on different type of chemical reactions.
	Q2. Make a project/model on science around us.
	Q3. Do the activity in your activity file as you performed in chemistry laboratory.
	Biology - 1-Make a portfolio for keeping records through out the session.
	2- Write these experiments in the practical file.
	A- Preparing a temporary mount of a leaf peel to show stomata.
	B- Experimentally show that carbon dioxide is given out during respiration.
	Prepare clay model of digestive system on A4 sheets along with -
	*Location of liver and pancreas
	*Large intestine of man
	*Peristaltic movements in the oesophagus.
	3-Learn and write 15 questions along with answers about taught topics till the date, from previous year question papers .
	Research based:-
	Write about two current researches in field of food and technology.
	Physics:-
	Q1. Make a list of all electrical appliances used in your home.Write the ratings as mention on the appliance. Make a note of duration these appliances are used on daily basis. Now calculate the electricity bill for the month of June @Rs.7 per unit.
	Q2. Write the use of lightening conductor in multistory building
	Q3- Name the five appliances working on heating effect of current. Explain how heat is generated in them?
	Q4 Name the scientists who worked on heating effect of current and write the law given by him? What is it's physical significance in our daily life?
	Q5:- Write the precautions to be taken to avoid overloading of a domestic electric circuit?
	Q6:- Name two safety measures commonly used in electric circuit and appliances.
	Q7:- Solve previous ten years board questions related with Ch- Electric Current.

English	Literature: Complete note in your copy taught in the class. Read all chapters taught in the class thoroughly. Writing Skills:- Do letter writing and analytical paragraph practice (atleast 5 questions of each).
Hindi	1. अरुणाचल प्रदेश की वेशभूषा, सभ्यता - संस्कृति, खान-पान, प्रमुख स्थल एवं भौगोलिक स्थिति को फाइल में लिखिए। · · · मीठी · वाणी · संबंधी · व · ईश्वर · प्रेम · संबंधी · दोहों · का · संकलन · करें। · · · क्या · परीक्षा · पास · कर · लेना · ही · योग्यता · का · आधार · है · · इस · विषय · · · · पर · अपना · तर्कपूर्ण · उत्तर · संवाद · शैली · में · दीजिये। · · · · प्रेमचन्द · की · कहानियां · मानसरोवर · के · आठ · भागों · में · संकलित · · · · है।पढ़कर · इनमें · से · किसी · दो · कहानी · का · सारांश · लिखिए। · · · उम्र · का · फासला · भी · आत्मीय · संबंधों · के · बीच · बाधा · नहीं · बनता · कथावाचक · और · हरिहर · काका · के · संदर्भ · में · स्पष्ट · कीजिए।
Mathematics	* Make a project /model on " Mathematics Around Us". * Solve 10 questions daily besides NCERT (it must be based on Previous year questions) in HHW copy,and questions will be based on following chapters:------ Real Numbers Polynomials Linear equations in two variables. Co-ordinate Geometry. * Write and learn tables from 6 to 20. * Write and learn square and square roots from numbers from 1 to 30. * Prepare for test after vacation (chapter 1 to chapter 4).
IT	Instructions: Front page displaying all your details along with subject code and teacher Incharge. Index and Page number and Teachers signature. Screenshots are required in 2,3,4,11,12. **Ms- Word** Create a word Processor file that prints a bill of items as bought in a gift shop named "TOKEN _OF_LOVE". The Bill should have

Welcome image should be on the Top.

A watermark

Font should be decorative

Customer name

Mode of Payment

Date of Purchased

Items Purchased with Price and Discount

Sample:

Name of Item	Price of Item	Discount	Final Price
Diamond Pendant	27000	10 %	26730
Gold Earrings	18000	7%	16740
Case	500	-	500
Total			43970

1. Using the Smart Art of MS –word create a chart on the generations of Computer.

2. You are Abhinav/Anu of class X. Using the Word Processing Software write an application to the school principal for three days leave.(Using paragraph spacing as 1.5 and all use all required alignment)

3. Create a word document and enter some information related to your friends, separated the information with tabs. Now convert the text to the table format. Make the table look beautiful.

Sst

HISTORY

Nationalism in Europe and India

1.Compare the policies and methods used by Otto von Bismarck and Sardar Vallabhbhai Patel in unification of Germany and integration of States of India respectively. The report should include;

Condition of Germany before 1871(unification)

Condition of India immediately after 1947

Why the need for unification in both the places

Emergence of Bismarck and Sardar Patel, their brief life history

Their role in unification and integration

Similarities and differences between the methods adopted by the two leaders

How did the unification affect the growth of the respective countries?

2.Every student has to compulsory undertake any one project on the topics:[CBSE]

Consumer Awareness   OR

Social Issues   OR

Sustainable Development

Your Project Files should not be less than 35 pages.

3.Prepare an Art Integrated Learning project on Arunachal Pradesh.

4. Also solve the given Questionnaire in respective note book.

GEOGRAPHY

Answer the following questions.

1. Name three states having black soil and the crop which is grown in it. (Resources and development, Exercises 2.i)

2. What steps can be taken to control soil erosion in the hilly areas? (Resources and development, Exercises 2.iii)

3. What are the biotic and abiotic resources? Give some examples. (Resources and development, Exercises, 2.iv)

4. Explain land use pattern in India and why has the land under forest not increased much since 1960-61? (Resources and development, Exercises, 3.i)

5. Describe any three main features of Alluvial soil in India.

6. How have technical and economic development led to more consumption of resources? (Resources and development, Exercises, 3.ii)

7. what is the main cause of land degradation in Punjab? (Resources and development, Exercises 1.iii)

8. What are the differences between bhangar soil and khadar soil?

9. Imagine if oil supplies get exhausted how will this affect our life style? (Resources and development, activity. 3)

10. How have human activities affected the depletion of flora and fauna? (Forest and wildlife resources, Exercises 4.ii)

11. Describe how communities have conserved and protected forests and wildlife in India? (Forest and wildlife, Exercises, 5.i)

12. What is biodiversity? Why is biodiversity important for human lives? (Forest and wildlife resources, Exercises, 4.i)

13. What are the different forms of power sharing in modern democracies? (Power sharing, Exercises, 1)

Economics:-

Q1 What is sustainability of development meant? How can sustainable development be achieved?

Q2 Explain any three criteria used by human development report to classify various countries?

Q3:- National development of a country depends on the availability of public facilities.How?

Project:- Sustainable Development