

BISHOP WESTCOTT GIRLS' SCHOOL DORANDA

CLASS – X [2020 – 2021]

LIST OF PROJECTS AND ASSIGNMENTS TO BE PREPARED BY STUDENTS

1. **ENGLISH LANGUAGE** : i) Transformation of Sentences [any 20 sentences]

ii) 2 essays , 2 stories and 2 letter writing
iii) Chapter 1 and 2 – solve questions from workbook
2. **HISTORY / CIVICS** : i) Read chapter 1 : Union Parliament
ii) **PROJECT** : Make an illustrative study of the life and work of Subhas Chandra Bose
3. **GEOGRAPHY** : Transport of India – Development of Road, Rail , Water and Air Routes
4. **PHYSICS** : Ray diagrams of Concave and Convex lens and characteristics of images Formed
5. **CHEMISTRY** : i) Differentiate between a)Electrovalent and Covalent Bond
b) Duplet rule and Octet rule
ii) Write a short note on Modern Periodic Table [150 words]
6. **BIOLOGY** : Read the chapter : Pollution
(To be done in Biology Copy)
 - 1) Diagrams – i) Internal structure of Nucleus
ii) Eye
iii) Human Sperm
 - 2) Hormonal Gland and their secretions – name of the hormones and their functions
 - 3) Cell Organelles and functions
 - 4) Definition of Demography , Natality , Mortality , Growth Rate (population chapter)
7. **MATHEMATICS** : Topic : Goods and Services Tax (G.S.T.)
Following topics to be dealt :
 - i) What is G.S.T ?
 - ii) Differentiate between G.S.T. and V.A.T.
 - iii) Types of G.S.T.
 - iv) How does rate of G.S.T. differ depending upon categories of commodities and services
 - v) Survey at least 5 Bills of commodities or services on which G.S.T. has been calculated .
(Project to be done in a single line copy)
8. **ECONOMIC APPLICATION** : 1) Develop a hypothetical table of information for coffee that shows quantity demanded at various prices and supply of coffee at these prices .Draw a demand curve and a supply curve and show an equilibrium price at which the market is cleared of its supplies

2) Take a case of a nationalized bank . Visit any of its branch in your city .Analyse the main functions of this branch. Make a presentation to this effect.

9. COMPUTER APPLICATION: Introduction to BLUEJ and JAVA

JAVA Compiler and Interpreter

System Requirement for project (like class IX) mention

PROGRAM : Write program , execute it and attach printout of output

Page 198 (Arrays) program – 5 , 6, 16

Page 237 (String Handling) program – 3 , 6, 12, 18, 19, 23, 25

Page 296 (User defined Methods) program – 5 , 9 , 10

Page 338(Class as a basis of all computation) program – 7 , 8 , 9

Page 380(Constructor) program – 6

Page 414 (Project Work) program – 1, 3, 4, 8

**10. COMMERCIAL STUDIES: i) Make a Project report on Recruitment , Selection and Training
(to be done in a small test copy)**

**ii) Draw a format of Trading Account , Profit and Loss Account
and Balance Sheet on a Chart Paper**

**iii) Chapter 1 – Stakeholders in Commercial Organisation – do the
short and long questions from your book in your commerce copy.**

11. M. I.: Read Chapter 1 and 2

12. ENGLISH LITERATURE :1) Hemingway uses a lot of metaphors and symbols in the story “Old Man At The Bridge “ Explain Them .

**2. Would you say that “The Cold Within “is an apt title for this poem ?Give reason for your answer
(Thin Copy)**

13. HINDI:1. Paryavaran SeJoojhtaVishwaAurUskaNidaan .

2.SuryakantTripathyNiralaJeekaSacharitraJivan .
