

Girls' High School and College, Prayagraj

2021-2022

Class 11-C

Accountancy

Project - 1

Note:-Parents please ensure that your ward refers to the instructions given for the preparation of the project on Soleproprietorship.

Instructions:- Students have to develop a case study on their own, about a person who decides to start a Sole proprietorship form of business. They have to write atleast 15 transactions on the basis of the points mentioned below and then they have to write the journal entries, prepare ledger accounts, then Trial balance, then Trading and P/L a/c, and the Balance Sheet. Lastly, the Conclusion. The order as well as presentation should be done in the following manner:

1. Topic
2. Acknowledgement.
3. Index.
4. Introduction.
5. Case study.
6. Transactions.
7. Journal.

8. Ledger.
9. Trial balance.
10. Trading and P/L A/C.
11. Balance sheet.
12. Conclusion.

Length of the project:- 15 to 20 pages.

1. Preparation of Journal/Sub-division of journal, Ledger. Trial Balance and Financial Statements of a trading organization on the basis of a case study.
 - Develop a case study of a sole trader starting business with a certain amount of capital.
 - He could have got the amount from his past savings or by borrowing from a bank by mortgaging his personal assets or by winning a lottery or any other source.
 - Write in detail, his transactions during the year his purchases cash and credit, sales-cash and credit, expenses, purchase of fixed assets and depreciation charged on them, any outstanding expenses, prepaid expenses, accrued income, drawing bills of exchange, accepting bills payable etc.
 - From this case study developed (which should have at least 15 transactions), pass the journal entries, post them into the ledger, prepare a Trial Balance and the Trading and Profit and Loss Account and Balance Sheet.

- The various expenses for comparison purposes, could be depicted in the form of bar diagrams and pie charts.

GIRLS' HIGH SCHOOL AND COLLEGE, PRAYAGRAJ.

CLASS: 11 C&D

Economics Project

2021-2022

Topic – 1

Make a study of two cooperative institutions (example milk cooperatives etc) with a view to compare the organisational and financial structure of the organization, production, capacity and output, marketing strategies, sales, market share etc.

Students should emphasise on following aspects:

- 1) Introduction and History
 - 2) Objectives
 - 3) Functions of the society
 - 4) Marketing Strategies and production process
 - 5) Role of GCMMF
 - 6) Organization structure
 - 7) Distribution network
 - 8) Range of products
-

Topic – 2

Prepare a report on the various poverty alleviation and employment generation programmes started in India, with special focus on MGNREGA.

Students should emphasise on following aspects:

- 1) Objectives
 - 2) Salient features of MGNREGA
 - 3) Application
 - 4) Types of work under MGNREGA
 - 5) Outcomes
 - 6) Limitations
 - 7) Measures to improve MGNREGA
-

END

Girls' High School & College, Prayagraj

Session: 2021-2022

Class: 11th C

Subject: Commerce

Project

Note: Parents are expected to ensure that the student should go through all the instructions given below before making the project.

INSTRUCTIONS:

1. There will be **two separate Projects** as per the topics given below.

2. **Order of each project :**

- **Acknowledgement** should be short and simple. Write your name, class, section and roll no. at the end. (one page)
- **Name of the topic** (one page)
- **Index** (only serial no. , content and page no. ; should be of one page.)
- **Subject Matter** of the topic (describe the topic with Introduction , relevant headings and sub headings, supported with pictures/diagrams/ graphs/ tables, as per the requirement. It should not be more than 8 to 10 pages.)
- **Conclusion** (one page)
- **Bibliography** (write the name of related websites and books consulted for the making of the project. One page.)
- Each project should not be more than 16 pages including all the points mentioned above. Don't use vulgar or objectionable pictures.

3. Relevant pictures should be pasted neatly and must be **bordered in black along with labelling or heading**. Use only black and blue pens for writing.

4. Sample projects are given at the end of the course book. These can be read to understand the topic but don't copy the matter from here.

5. Keep both the projects in **one file**. Cover the file with blue chart paper. Write **Commerce Project 2021-22 in the middle and Name, Class, Section, Roll no., Admission no. should be written at the bottom right corner.**

6. Course book, reference books and relevant websites can be used to find the subject matter of the project.

Course Book –

ISC Commerce Volume – I For Class XI by Dr. C.B. Gupta.

Topics for the Project:

1. Study real life cases in which organizations did not show responsibility towards investors/consumers/employees/government/community. Take at least two such cases. For each case prepare a report based on the following:
 - A brief about of the case.
 - Different issues involved in the case.
 - Who was at fault and why?
 - What should the company have done to stand by the business ethics?
 - Do you agree with the company’s viewpoint? Give reasons.

2. Select one consumer cooperative and one housing cooperative. For each of the cooperatives.
 - State the objectives
 - The organizational structure.
 - Details of surplus distribution and the form of government support.

GIRLS' HIGH SCHOOL & COLLEGE, PRAYAGRAJ
POLITICAL SCIENCE DISSERTATION- 2021- 22
CLASS-11-D

TOPIC –Relevance of ASEAN as a forum of Regional Cooperation

TITLE PAGE- Relevance of ASEAN as a forum of regional cooperation

Acknowledgement

Table of Contents

Chapter-1- Introduction,

Hypothesis- Relevance of ASEAN as a forum of regional cooperation, **Methodology-** The researcher has taken help from books/political magazines/ research journals/official websites/newspapers.

Chapter-2- Origin and Growth of ASEAN,

Objectives of ASEAN, Five Summits of ASEAN.

Chapter-3- Failures and Achievements of ASEAN.

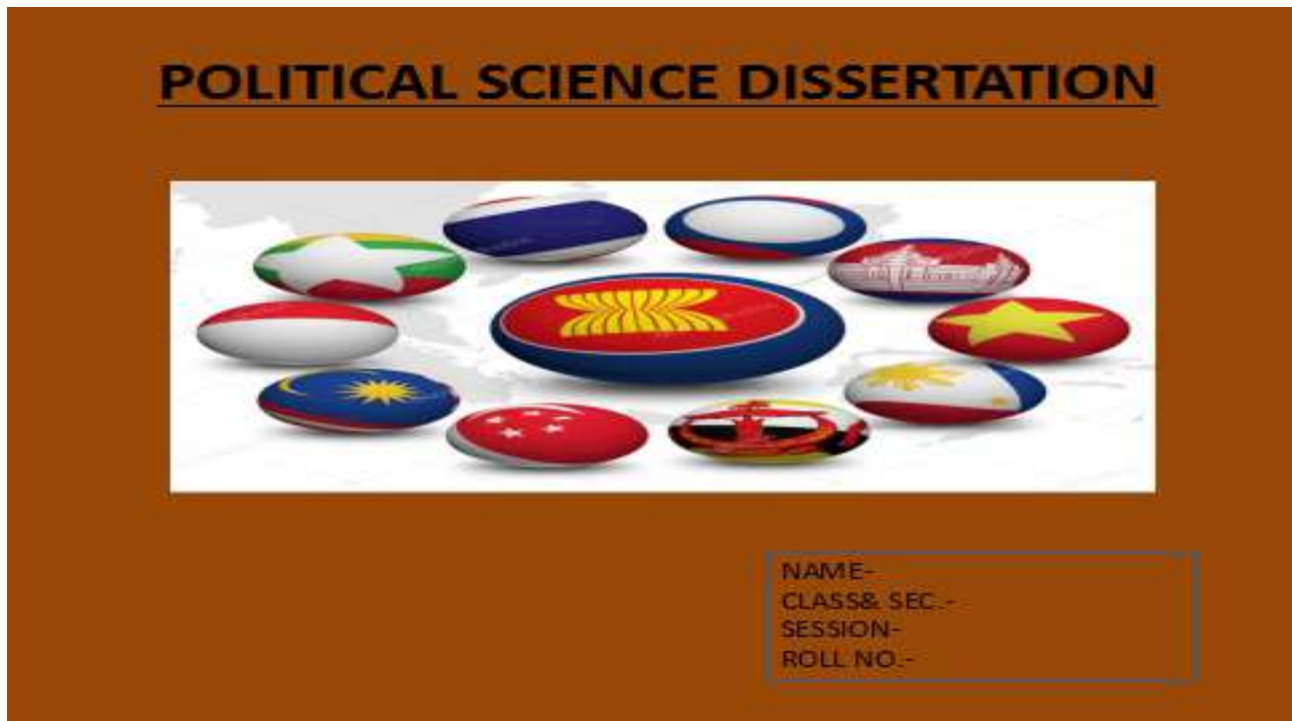
Chapter-4- Relevance of ASEAN as a forum of Regional Cooperation.

Conclusion.

Bibliography/ Weblibliography.

INSTRUCTIONS- (a) Word limit- 2000.(min.15 pages &max.18 pages) (b) Pictures are to be pasted on each page from Introduction to Conclusion.

Sample Cover Page of the Dissertation:-



Girls' High School & College, Prayagraj

Session - 2021-2022

Half Yearly

Class – 11 D

Subject – History Dissertation

Instructions : The Project should be written and typed in black colour. It should be of approximately 2000 words. Font size should be of 12pt.

Topic – Role of Lokmanya Bal Gandhar Tilak in the Indian Freedom Struggle.

Cover Page and Title

Acknowledgement

Table of Contents

Abstract

Introduction

Hypothesis

Methodology

Each Chapter should be given a title

Chapter – 1 – Early Life, Entry in politics and joining of Congress.

Chapter – 2 – Tilak's political ideas and demand for Swaraj Tilak's Role in Indian Freedom Struggle.

Chapter – 3 – Tilak's Contribution as a nationalist, teacher, reformer and lawyer. Tilak's Literary Work.

Conclusion

Bibliography

Webliography

Picture Gallery

Sample Cover Page of the Dissertation

History Dissertation



Role of Lokmanya Bal Gandhar Tilak in the Indian Freedom Struggle

Name –

Class / Section –

Session –

UID No : –

गर्ल्स हाई स्कूल एण्ड कॉलेज, प्रयागराज

सत्र- 2021-2022

कक्षा- XI- अ, ब, स, द

हिन्दी अधिन्यास

निर्देश:- अभिभावकों से ये अपेक्षा कि जाती है कि वे यह सुनिश्चित करें कि छात्रा हिन्दी अधिन्यास से सम्बन्धित कार्य को प्रपत्र मे दिए गए निर्देशानुसार ही करे ।

- 1- आभार (पृष्ठ संख्या- 01)
- 2- विषय सूची (पृष्ठ संख्या- 02)

विषय सूची

क्रम संख्या | दिनांक | विषय वस्तु | पृष्ठ संख्या | हस्ताक्षर

- 3- विषय वस्तु:- हिन्दी पाठ्य-पुस्तक 'काव्य मंजरी' में "आ: धरती कितना देती है" कविता द्वारा कवि सुमित्रा नन्दन पन्त ने बताया है हम जैसा बोयेंगे वैसा ही पाएँगे इस कविता को आधार मानकर एक मौलिक कहानी लिखिए जो 1000-1500 शब्दों में हो ।
- 4- संदर्भित ग्रन्थ

नोट:-

1. शब्द सीमा- 1000-1500 शब्द
2. अधिन्यास से सम्बन्धित कार्य को पूर्ण करने हेतु छात्रा के लिए विज्ञान प्रयोगात्मक काँपी (loose paper of science practical file) के पेजों का उपयोग करना अनिवार्य है ।
3. कृपया फाइल पर सफ़ेद रंग का कवर चढ़ाकर उस पर अपना नाम, कक्षा / वर्ग एवं रोल नंबर अवश्य लिखें ।

Pg.No-1/1

----- E N D -----

GIRLS' HIGH SCHOOL & COLLEGE ,PRAYAGRAJ

SESSION -2021 -2022

CLASS 11th D

SUBJECT – LEGAL STUDIES

NOTE – Parents are expected to ensure that the student should go through all the instructions given below before making the project.

INSTRUCTIONS :

1. There will two separate projects as per the topics given below.
2. Order of each project:
 - Acknowledgement
 - Name of the topic
 - Index
 - Subject Matter of the topic
 - Conclusion
 - Bibliography
 - Webliography
 - Picture gallery

TOPICS FOR THE PROJECT :

1. How does a consumer forum function? Discuss any Five major amendments brought by the parliament .

Concerned Books :

- Key to Consumer Law by Narender kumar
- Practical Guide to Consumer Protection Law by Anoop K Kaushal.

2. Do you think that the Right to Education as envisaged under Article 21 has succeeded in achieving its purpose ? Elaborate.

Concerned Books

- Constitutional Law of India by J N Pandey

THE END

GIRLS' HIGH SCHOOL AND COLLEGE, PRAYAGRAJ

PROJECT WORK

SESSION 2021-2022

CLASS 11 B

SUBJECT: COMPUTER SCIENCE

Reference Book: COMPUTER SCIENCE with Java Class 11 By Sumita Arora (Dhanpat Rai & Company)

INSTRUCTIONS: The students are expected to do a minimum of **twenty** programs in java and **ONE** project.

Computer Assignment:

The sequence of the programs will be as follows:

1. 4 programs on numbers (magic composite, unique number, isbn number, prime, etc.).
2. 4 programs on recursion (Fibonacci series, factorial, binary search, anagrams, etc.).
3. 4 programs on Strings (display words of the sentence, sorting the words of sentence alphabetically and according to length, etc.)
4. 4 programs on 2-D array (display boundary elements, non boundary elements, upper triangle, lower triangle, etc)
5. 2 programs on operations on files (reading and writing on text files, reading and writing on binary files).
6. 2 miscellaneous programs (date programs)

Instructions for writing the assignment

- The students are expected to execute the above programs on the computer system on BlueJ.
- Write the executed programs on interleaf punched papers.
- The student should write algorithm, program and variable description.
- The algorithms and programs are to be written on ruled side and the variable descriptions on the blank side.
- Format of Variable Description:

<u>Name of the variable</u>	<u>Data type</u>	<u>Purpose/Description</u>

- The assignment is to be written with blue pen and the headings with black pen.

- The assignment is to be preceded by acknowledgement and index.
- The format of index is :

S. No.	Program	Page No.	Remark

- No bibliography is required.

Computer Project:

List of suggested projects:

- Creating an expert system for medical diagnosis on the basis of symptoms and prescribe suitable treatment.
- Develop a console-based application using Java for Movie Ticket Reservation.
- Develop a console-based application using java to find name of the bank and branch location from IFSC.
- Develop a console-based application using Java to calculate taxable income (only direct tax).

Instructions for writing the project:

- The students are expected to execute the program on the computer system on BlueJ.
- The project is to be made on MS Word.
- The students should type the algorithm on MS Word and then paste the program along with the output.
- The font type should be Calibri (body) and font size should be 12.

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GIRLS' HIGH SCHOOL AND COLLEGE, PRAYAGRAJ

SESSION: 2021 – 2022

CLASS 11-D

SUBJECT: SOCIOLOGY PROJECT

Note: Parents are expected to ensure that the student should go through all the instructions given below before making the project.

Instructions:

1. There will be **two separate Studies** on the given topics in the Project.
2. Order of the Project will be as follows: (word limit -2000)
 - a. **Acknowledgement: (should be on 1 page only):** Include the names of both the studies; write your name, class and section at the end on the right-hand side.
 - b. **Table of Contents: (should not exceed 2 pages):** There should be only 3 columns – Serial No., Content and Page No.
 - c. **Title Pages:** Title Pages of both the studies will include – STUDY 1- (Name of the Study) and STUDY 2 (Name of the Study)
 - d. **Subject Matter:** Describe the topics as per the headings given, supported by relevant pictures.
 - e. Pictures (coloured / black - white) should be properly pasted, they will be bordered in black along with labeling or heading. Use **Black ink** for headings and labelling everywhere.
 - f. **Conclusion:** Only 1 page
 - g. **Bibliography (New pg):** Names of Books & Writers
 - h. **Webliography (New pg):** Names of Websites / links (Do not write www.google.com)
3. **The following books and relevant websites can be used to find the subject matter for the topic**
BOOKS:
 - (a) ISC Sociology for Class XI- Manjir Ghosh- Kalyani Publishers (**Course Book**);
 - (b) Sociology: Principles of Sociology with an Introduction to Sociological Thought - C N Shankar Rao- S. Chand (**Ref. Bk**)
 - (c) Sociology of Indian Society – C N Shankar Rao – S Chand (**Ref. Bk**)
 - (d) An Introduction to Sociology- Vidya Bhushan & D.R. Sachdeva- Kitab Mahal (**Ref. Bk**)

STUDY - 1

FAMILY, SCHOOL AND PEER GROUP AS AGENCIES OF SOCIALIZATION

1. Introduction – What is Socialization?
Definition, Characteristics
2. Role of Family, School and Peer Group in Socialization of an individual to be discussed separately in detail
3. 1 Case Study of each to be written
4. Conclusion - How have these 3 agencies of socialization influenced you?
5. Bibliography
6. Webliography

STUDY - 2

RURAL SOCIETY IN INDIA – A VILLAGE IN INDIA

1. Rural Society – Definition and Meaning
2. Characteristics and Problems of Rural Society
3. CASE STUDY – (Discuss any one village of India and elaborate upon it)
 - discuss how it was and what problems it faced
 - discuss how it has changed in the present times
4. Conclusion - What is the role of an individual and his relation with the society?
5. Bibliography
6. Webliography

-THE END-

GIRLS' HIGH SCHOOL AND COLLEGE, PRAYAGRAJ

PHYSICS PROJECT

Class: 11 A & B

SESSION 2021-2022

The students are required to prepare a technical report, provide some theoretical discussion, discuss experimental set-ups, constructions, workings (if any) graph/chart, circuit diagrams, ray diagrams (if any), deductions or conclusions on any one of the topics given below.

TOPICS:

- 1) Discuss how study of electromagnetism has improved our society along with a detailed study of anyone of its devices.
- 2) Discuss in detail the working of an electron microscope.
- 3) Discuss how study of optics has been helpful in astronomy.
- 4) Discuss in detail the working of any two of the following devices
 - i) Post office Box
 - ii) Moving Coil Galvanometer
 - iii) Van De- Graff Generator
 - iv) Cyclotron
 - v) Tangent Galvanometer
- 5) Discuss the role of physics in medical science including a detailed study of any one machine used in that field.

- 6) Discuss the different possibilities in the field of non – conventional sources of energy.
- 7) Discuss the contribution of any two Indian Physicists in detail.
- 8) Discuss in detail the working of the Hubble’s Telescope.
- 9) Discuss the achievements of Indian scientists in the field of physics in the past 10 years.
- 10) Discuss the position of semiconductors and semiconductor devices in our present-day world along with a detailed study of any two semiconductors devices.

NOTE 1: It is expected that all circuit or ray diagrams and experimental set-ups are made by the student herself. Apart from that, good relevant pictures will help improve the standard of your project.

NOTE 2: No extra marks will be allotted for any type written or decorative work. You can use pens of only **blue or black colour.** You can underline text or highlight it using a highlighter. The project should have a minimum of

20 pages.

Description of the Project

- 1) Topic in big bold (1st sheet)
- 2) Acknowledgement
- 3) Introduction

4) Description (includes circuit or ray diagrams, constructions, experimental set-ups, graphs/charts and other necessary information)

5) Conclusion

6) Bibliography (names of books/sites referred)

in the same order.

Students will collect data for the project from different sources available to them and compile them in a file neatly covered with a brown cover and a plastic cover over it. On the file name etc will be written as shown below. Suppose the file belongs to Arpita Mishra of 11 A then it should look like

PHYSICS PROJECT (in the center of file)

(down right corner)

Arpita Mishra

11 A

Keep your work neat and clean.

End

Girls' High School and College, Prayagraj
Session 2021 – 2022
CLASS - 11 B & C
MATHS PROJECT

Dear Parents : KINDLY NOTE - Students have to make a project on Mathematics on the given topics. For that the students should go through the following instructions.

INSTRUCTIONS : To be written in the project file with diagrams (wherever required) to be drawn on the left side and writing matter on the right side of interleaf pages.

SECTION A is compulsory and attempt either **SECTION B** or **SECTION C**.
There is an internal choice in Section A

The order to be followed

ACKNOWLEDGEMENT
INDEX

Section A

Introduction of the topic

Q1. Using Venn diagram, verify the distributive law for three given non-empty sets A, B and C.

OR

Q2. Draw the graph of quadratic function $f(x) = ax^2 + bx + c$. From the graph find maximum / minimum value of the function.

Also determine the sign of the expression.

Section B

Introduction of the topic

Q3. Construct a parabola when it's focus and directrix are given.

Section C

Introduction of the topic

Q3. Find the mode:

Marks	26-30	31-35	36-40	41-45
Frequency	18	10	5	1

BIBLIOGRAPHY

Topics and sub topics to be written with black pen only, written work with blue pen.

Use your internet facility and study the subject matter thoroughly before making the project.

GIRLS' HIGH SCHOOL & COLLEGE, PRAYAGRAJ
BIOLOGY PROJECT TOPICS
2021-2022
CLASS- 11A

INSTRUCTIONS

1. You can take help of Internet, Books, Newspapers and Magazines.
2. Use INTERLEAF FILE PAPERS and your project should not exceed 25-30 pages.
3. You can draw diagrams, tables, give statistics and paste pictures. But, no separate picture gallery should be made.
4. Don't decorate or beautify your Project, as this is a science project.
5. Follow the pattern as given below:
 - a. Topic
 - b. Acknowledgement
 - c. Index
 - d. Introduction
 - e. Project Matter
 - f. Summary
 - g. Bibliography
6. Please cover your Project File neatly with Brown paper only.

PROJECT TOPICS

1. Project related to ANY aspect of plant life:
 - a. Transpiration
 - b. Photosynthesis
 - c. Respiration in plants
2. Structure of Human Heart and disorders related to heart.
3. Bones, locomotion and disorders related to Bones and Muscles.
4. Diabetes
5. Endocrine disorders
6. Respiration in humans and disorders related to it.
7. DNA Fingerprinting
8. Pollution, Global warming, Ozone layer Depletion
9. Role of Microorganisms in Industry:
 - Production of Dairy products
 - Production of beverages
 - Leather Industry

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GIRLS' HIGH SCHOOL AND COLLEGE, PRAYAGRAJ

CHEMISTRY PROJECT

Class 11 A & B

SESSION 2021-2022

The students are required to prepare a project on the topic mentioned below:

TOPIC: Environmental Pollution

NOTE: No extra marks will be allotted for any type written or decorative work. You can use pens of only **blue or black colour**. You can underline text to highlight it using a highlighter. The project should have a minimum of 15 pages. You may paste good relevant pictures which will improve the standard of your project.

Description of the Project:

- 1) Topic in big bold(1st sheet)
- 2) Acknowledgement
- 3) Introduction
- 4) Description(includes graph, data, structure, pie charts, histograms, diagrams and other necessary informations.)
- 5) Conclusion
- 6) Bibliography(names of books/sites referred)

Students will collect data for the project from different sources available to them and compile them in a file neatly covered with a brown paper. On the file, name etc. will be written as shown below. Suppose the file belongs to ABC of class 11 A then it should look like

CHEMISTRY PROJECT (in the centre of file)

(down right corner)

ABC

11 A

Keep your work neat and clean.