

**CLASS 12 - SESSION 2023-24**  
**PROJECT WORK**

**ENGLISH 1 (ENGLISH LANGUAGE)**

**General Instructions:**

- 1. Use Black waterproof ink.**
- 2. Project should be written in neat handwriting.**
- 3. Take care of paragraphing, punctuation marks and spellings. Paragraphs should be indented.**
- 4. Use neatly covered hardboard file.**
- 5. Page sequence should be strictly followed as :  
-Acknowledgment, Index, Project content, Bibliography.**

**Undertake any one written assignment of 500 words from the list given below.**

- 1. The text of a brochure**
- 2. A product description**
- 3. A process description (e.g. instruction to operate a device, a recipe, a scientific experiment)**
- 4. Description of a sporting event**
- 5. An autobiographical experience**
- 6. Review of a television serial**

**ENGLISH 2 ( LITERATURE IN ENGLISH)**

**General Instructions:**

- 1. Use Black waterproof ink.**
- 2. Project should be written in neat handwriting.**
- 3. Take care of paragraphing, punctuation marks and spellings. Paragraphs should be indented.**
- 4. Use neatly covered hardboard file.**
- 5. Page sequence should be strictly followed as : - Cover page, Acknowledgment, Index, Project content, Bibliography.**

**Undertake one written assignment of 1000-1500 words, which**

**should be structured as given below:**

**A.** The written assignment must be given a title in the form of a question to explore the drama or the chosen short stories/poems in depth.

**B.** The written assignment must follow the structure given below:

- Introduction: - Explanation of the question that has been framed  
- Reason for choosing the text - Brief explanation of how you intend to interpret the chosen text and literary materials used in the process.
- Main Body – organised and well-structured treatment of the question using appropriate sub-headings.
- Conclusion – comprehensive summary of the points made in the main body.

**List of suggested assignments for Project Work:**

1. Analysis of a theme from any short story/poem in the prescribed texts.
2. Analysis of a character from the drama or any short story/poem in the prescribed texts.
3. Background – historical, cultural, literary context and relevance of the writer/poet chosen.
4. Summary / paraphrase of the chosen text.
5. Appreciation of literary qualities of the chosen text.
6. Identifying with a character in the chosen text and presenting his/her personal perspective.
7. Imagining an alternate outcome or ending or extension of the chosen text and its impact on the plot/setting/characters/mood and tone.
8. A script for dramatization, based on the short story/poem chosen.
9. Writing a short story based on a poem.
10. Comparing and contrasting two characters/themes from different short stories/poems of the prescribed texts.

**fgUnh ifj;kstuk dk;Z**

**izFke & Hkk"kk ifj;kstuk**

**fuca/k & Hkkjrh; laLÑfr dh fo'ks"krk,;**

**$\frac{1}{4}$ vf/kdre 450 'kCn $\frac{1}{2}$**

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**Kku] R;kx] IR;] vfgalk dh ifjpk;d**

**fo'o dY;k.k] olq/kSo dqVqEcde o loZ /keZ**

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**vusdrk esa ,drk dk Hkko**

**'kkafr fiz; laLÑfr**

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**1- ikB~; Øe esa ladfyr dchj nkl dh  
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350 'kCn $\frac{1}{2}$**

**2- ^^HkfDr u dV~Vjrk iwoZd vius  
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viuk thou la?k"kZ tkjh j[krh gSA\*\* &  
HkfDru 'kh"kZd js[kkfp= ds vk/kkj ij bl  
oDrO; dh i`f"V dhft,A  $\frac{1}{4}$ vf/kdre 350  
'kCn $\frac{1}{2}$**

## **HISTORY**

### **MAKE A DETAILED PROJECT ON ANY ONE OF THE FOLLOWING TOPICS**

1. Martin Luther King.
2. Protests Movements – A detailed study on – political ideologies, civil rights, women, workers.
3. Nelson Mandela.
4. Mao Zedong and the Chinese Communist Revolution.
5. Collapse of the Russian Communism.
6. Theatres of World War II – change in warfare.
7. second world war-course and impact on INDIA.
8. A detailed account of Emergency of 1975.
9. Origin of the Cold War.
10. Chemical disasters of 1980's-Chernobyl and Bhopal gas tragedy.
11. Indo Pak wars of 1965 and 1971.
12. Non-Aligned Movement.
13. Partition of India.
14. Causes and impact of the Cold War.
15. J P Movement.

## **MATHEMATICS**

DEAR STUDENTS,

YOU ARE REQUIRED TO COMPLETE TWO PROJECTS, ONE FROM SECTION A AND ONE FROM EITHER SECTION B or SECTION C

Mark allocation for each Project[10 marks]:

Overall format: 1marks

Content. : 4marks

Findings. : 2marks

Viva-voce. : 3 marks

### Topics for Project Work:

#### **Section A**

1. Explore the principal value of the function  $\sin^{-1} x$  (or any other inverse trigonometric function) using a unit circle.
2. Explain the concepts of increasing and decreasing functions, using geometrical significance of  $dy/dx$ . Illustrate with proper examples.
3. Explain the conditional probability, the theorem of total probability and the concept of Bayes' theorem with suitable examples.

#### **Section B**

4. Using vector algebra, find the area of a parallelogram/triangle. Also, derive the area analytically and verify the same.
5. Find the image of a line with respect to a given plane.
6. Find the area bounded by a parabola and an oblique line.

#### **Section C**

7. Draw a rough sketch of Cost (C), Average Cost (AC) and Marginal Cost (MC)

Or

Revenue (R), Average Revenue (AR) and Marginal Revenue (MR).

8. For a given data, find regression equations by the method of least squares.
9. Using any suitable data, find the Optimum cost by formulating a linear programming problem (LPP).

### ECONOMICS PROJECT

[Last date of submission 15/07/2023]

Guidelines for the preparation of the project are as follows.

[1] Each student is supposed to prepare a project which is mentioned against one's name.

[2] For contents, first of all you must consult your text book, later on you must consult and go through internet options.

[3] Project must be hand written, writing should be neat & clean and readable.

[4] project must contain minimum 20 pages.

[5] Each student is supposed to prepare an individual project and not group project.

[6] Project is to be prepared in loose sheets.

[7] Only cardboard files or spiral bindings are acceptable.

[8] Sequence of a project must be as follows:-

{1} PREFACE

{2} ACKNOWLEDGEMENT

{3} CLASSIFICATION OF THE SUBJECT MATTER OF THE TOPIC/  
TOPICS. CLASSIFIED CONTENTS MEAN INDEPTH DESCRIPTION OF THE TOPIC  
SELECTED FOR THE PROJECT.

{4} DESCRIPTIONS SHOULD BE SUPPORTED BY REQUIRED TABLES AND  
DIAGRAMS.

{5} CONCLUSION / FINDINGS

[9] A PROJECT MUST LOOK LIKE A GENUINE PROJECT BECAUSE IT CARRIES 10  
MARKS.

Allocation of projects is as follows.

S. NO	NAME OF STUDENT	TOPIC ALLOTTED
1	ZEYAN AHMED	DEMAND AND SHIFTS IN DEMAND
2	TANYA SONI	CONSUMER'S EQUILIBRIUM
3	SHRILL GOSWAMI	ELASTICITY OF DEMAND
4	SHREYA AGRAWAL	SUPPLY AND ELASTICITY OF SUPPLY
5	PRIYAM JAISWAL	EQUILIBRIUM PRICE
6	PRATYUSH SINGH	SIMPLE APPLICATIONS OF TOOLS OF DEMAND AND SUPPLY
7	NISHANT JAISWAL	CONCEPT OF PRODUCT AND PRODUCTION FUNCTION
8	GOURI KESHARI	COSTS
9	EESHAN M VERMA	REVENUES
10	BHAVYA PERIWAL	PRODUCER'S EQUILIBRIUM
11	ANJALI CHOUDHARY	MARKET FORMS

12	ANIRUDH KESHARI	EQUILIBRIUM OF A FIRM
13	ADITI KESHARI	INCOME DETERMINATION
14	VIDHI SHUKLA	PROBLEMS OF DEFICIENT AND EXCESS DEMAND
15	SUKRITI GHOSH	CONCEPT OF MONEY AND FUNCTIONS
16	SHIVANSH SRIVASTAVA	COMMERCIAL BANKS
17	ANZAR WAHEED KHAN	CENTRAL BANK
18	ZULKARNAIN	BALANCE OF PAYMENTS
19	YASHVI NAGAR	FOREIGN EXCHANGE RATES
20	YASHASHVI KESHARI	FISCAL POLICY
21	YASHASHVI GUPTA	GOVERNMENT BUDGET AND CONCEPT OF DEFICIT
22	VEDANT MISHRA	CIRCULAR FLOW OF INCOME
23	UTKARSH KUMAR JAISWAL	CONCEPT OF NATIONAL INCOME
24	TANUJ ARORA	MEASUREMENT OF NATIONAL INCOME
25	TANISHK YADAV	DEMAND AND SHIFTS IN DEMAND
26	SHRISTI PANDEY	CONSUMER'S EQUILIBRIUM
27	SHREYA BANERJEE	ELASTICITY OF DEMAND
28	SHIV DAYAL YADAV	SUPPLY AND ELASTICITY OF SUPPLY
29	SHAHAN TARIQUE	EQUILIBRIUM PRICE
30	SANSKRITI PATHAK	SIMPLE APPLICATIONS OF TOOLS OF DEMAND AND SUPPLY
31	SAMRIDH RAI	CONCEPT OF PRODUCT AND PRODUCTION FUNCTION
32	SAMRIDDHI SINGH	COSTS
33	SAMREEN	REVENUE
34	RAJLAXMI CHAURASIA	PRODUCER'S EQUILIBRIUM
35	PRIYANSHU YADAV	MARKET FORMS
36	PRIYA VERMA	EQUILIBRIUM OF A FIRM
37	PRATYUSHA SINGH	INCOME DETERMINATION
38	PRATHAMESH KESHARI	PROBLEMS OF DEFICIENT AND EXCESS DEMAND
39	PRAHARSH GUPTA	CONCEPT OF MONEY AND ITS FUNCTIONS
40	NOOR AYESHA	COMMERCIAL BANKS
41	NISHTHA ARORA	CENTRAL BANKING
42	NIHARIKA KESHWANI	BALANCE OF PAYMENTS
43	MOHD RAIYAAN	FOREIGN EXCHANGE RATES
44	MANTASHA FATIMA	FISCAL POLICY
45	KAUSHIKI CHAURASIA	GOVERNMENT BUDGET & DEFICIT CONCEPTS
46	ISHAN PANDEY	CIRCULAR FLOW OF INCOME
47	INKESHAF TAMEEM	CONCEPTS OF NATIONAL INCOME
48	HARDIKA VISHWAKARMA	MEASUREMENT OF NATIONAL INCOME
49	FARHAN ARIF	DEMAND AND SHIFTS IN DEMAND

50	FAIZ AHMED	CONSUMER'S EQUILIBRIUM
51	DEVANSH SHOREWALA	ELASTICITY OF DEMAND
52	CHHAVI SHARMA	SUPPLY AND ELASTICITY OF SUPPLY
53	AYUSH TIWARI	EQUILIBRIUM PRICE
54	AYUSH JAISWAL	SIMPLE APPLICATIONS OF TOOLS OF DEMAND AND SUPPLY
55	ARYAN SINGH	CONCEPT OF PRODUCT AND PRODUCTION FUNCTION
56	ARYAN MEHROTRA	CONCEPTS OF COSTS
57	ARK NATH PANDEY	CONCEPTS OF REVENUE
58	ANUSHKA PRAJAPATI	PRODUCER'S EQUILIBRIUM
59	ANANYA GUPTA	MARKET FORMS
60	ANAM FATIMA	EQUILIBRIUM OF A FIRM
61	ALKAWISH RAZA	INCOME DETERMINATION
62	ALHIFZA	PROBLEMS OF DEFICIENT AND EXCESS DEMAND
63	AKSHAT OJHA	FISCAL POLICY
64	ADITYA KAPOOR	LAW OF VARIABLE PROPORTIONS
65	ADITI SINGH	NATIONAL INCOME AGGREGATES
66	ABU ZAID	CONCEPTS OF DEMAND
67	ACHYUT DUBEY	CONSUMER'S EQUILIBRIUM

**Last date of submission 15/07/2023**

## **ACCOUNTS**

### **Guidelines for the preparation of ACCOUNTS PROJECT:-**

- [1] Each student is supposed to prepare a project which is mentioned against one's name.
- [2] For contents first of all you must consult your text book, later on you can select and consult various internet options.
- [3] Project must be hand written having neat & clean and readable handwriting.
- [4] Project must contain **minimum 20 pages** comprising of theory and practical questions.
- [5] Each student is supposed to prepare an individual project and not group project.
- [6] Project is to be prepared in loose sheets.
- [7] Sequence of a project must be in the following order:-

**(1) Preface**

**(2) Acknowledgement**

(3) Classification of the subject matter, that is, in-depth description of the topic selected for the subject.

(4) Contents supported by smaller and bigger practical questions.

(8) Project must look like a genuine project because it carries 10 marks.

**ALLOCATION OF THE PROJECTS IS AS FOLLOWS.**

S.NO	NAME OF STUDENT	TOPIC ALLOTTED
1	ABU ZAID	FUNDAMENTALS OF PARTNERSHIP
2	ACHYUT DUBEY	GOODWILL OF A FIRM & its TREATMENT
3	ADITI SINGH	ADMISSION OF A PARTNER
4	ADITYA KAPOOR	RETIREMENT OF A PARTNER
5	AKSHAT OJHA	DEATH OF A PARTNER
6	ALHIFZA	DISSOLUTION OF A PARTNERSHIP FIRM
7	ALKAWISH RAZA	ISSUE OF SHARES
8	ANAM FATIMA	ISSUE OF DEBENTURES
9	ANANYA GUPTA	REDEMPTION OF DEBENTURES
10	ANUSHKA PRAJAPATI	FINAL ACCOUNTS OF A COMPANY
11	ARK NATH PANDEY	FINANCIAL STATEMENT ANALYSIS
12	ARYAN MEHROTRA	CASH FLOW STATEMENT
13	ARYAN SINGH	RATIO ANALYSIS
14	AYUSH JAISWAL	FUNDAMENTALS OF PARTNERSHIP
15	AYUSH TIWARI	GOODWILL AND ITS TREATMENT
16	CHAAVI SHARMA	ADMISSION OF A PARTNER
17	DEVANSH SHOREWALA	RETIREMENT OF A PARTNER
18	FAIZ AHMAD	DEATH OF A PARTNER
19	FARHAN ARIF	DISSOLUTION OF A PARTNERSHIP FIRM
20	HARDIKA VISHWAKARMA	ISSUE OF SHARES
21	INKESHAF TAMEEM	ISSUE OF DEBENTURES
22	ISHAN PANDEY	REDEMPTION OF DEBENTURES
23	KAUSHIKI CHAURASIA	FINAL ACCOUNTS OF A COMPANY
24	MANTASHA FATIMA	FINANCIAL STATEMENT ANALYSIS
25	MOHD RAIYAAN	CASH FLOW STATEMENT
26	NIHARIKA KESHWANI	RATIO ANALYSIS
27	NISHTHA ARORA	ADMISSION OF A PARTNER
28	NOOR AYESHA	FUNDAMENTALS OF PARTNERSHIP
29	PRAHARSH GUPTA	GOODWILL AND ITS TREATMENT IN A FIRM
30	PRATHAMESH KESHARI	RETIREMENT OF A PARTNER
31	PRATYUSHA SINGH	DEATH OF A PARTNER
32	PRIYA VERMA	DISSOLUTION OF A PARTNERSHIP FIRM
33	PRIYANSHU YADAV	ISSUE OF DEBENTURES
34	RAJLAXMI CHAURASIA	FINAL ACCOUNTS OF A COMPANY
35	SAMREEN	ISSUE OF SHARES
36	SAMRIDDHI SINGH	REDEMPTION OF DEBENTURES
37	SAMRIDH RAI	FINAL ACCOUNTS OF A COMPANY

38	SANSKRITI PATHAK	RATIO ANALYSIS
39	SHAHAN TARIQUE	CASH FLOW STATEMENT
40	SHIV DAYAL YADAV	FUNDAMENTALS OF PARTNERSHIP
41	SHREYA BANERJEE	FINAL ACCOUNTS OF A COMPANY
42	SHRISTI PANDEY	GOODWILL AND ITS TREATMNT IN A FIRM
43	TANISHK YADAV	ADMISSION OF A PARTNER
44	TANUJ ARORA	FINAL ACCOUNTS OF A COMPANY
45	UTKARSH KUMAR JAISWAL	RETIREMENT OF A PARTNER
46	VEDANT MISHRA	FINAL ACCOUNTS OF A COMPANY
47	YASHASHVI GUPTA	DISSOLUTION OF A PARTNERSHIP FIRM
48	YASHASHVI KESHARI	ISSUE OF SHARES
49	YASHVI NAGAR	DEATH OF A PARTNER
50	ZULKARNAIN	ISSUE OF DEBENTURES
51	ADITI KESHARI	FINAL ACCOUNTS OF A COMPANY
52	ANIRUDH KESHARI	REDEMPTION OF DEBENTURES
53	ANJALI CHAUDHARY	CASH FLOW STATEMENT
54	BHAVYA PERIWAL	FINAL ACCOUNTS OF A COMPANY
55	EESHAN VERMA	RATIO ANALYSIS
56	GAURI KESHARI	FUNDAMENTALS OF PARTNESHIP
57	NISHANT JAISWAL	FINAL ACCOUNTS OF ACOMPANY
58	PRATYUSH SINGH	FINANCIAL STATEMENT ANALYSIS
59	PRIYAM JAISWAL	ISSUE OF SHARES
60	SHREYA AGRAWAL	GOODWILL AND ITS TREATMENT
61	SHRILL GOSWAMI	REDEMPTION OF DEBENTURES
62	TANYA SONI	RATIO ANALYSIS
63	ZEYAN AHMED	FUNDAMENTALS OF PARTNERSHIP

### Fine Arts – Project

#### Paper – I

#### Skill Life

Make 4 paintings arrange the things to form an interesting composition. The things should be placed below the eye level with a suitable drapery for the foreground and background things to be used.

1. Labeled Bottle (Roohafza or any soft drink)
2. Cut / Uncut fruits kept on plate with a knife.
3. Utensils (Steel, Aluminium's, Bone china, etc.)

4. Transparent objects (glass, jug jar, bowl, etc.)

Painting will be in 4 parts

1. Sketching
2. Shading
3. Background
4. Full Painting

## **COMMERCE**

### **General Instructions for Commerce Project Work (2 projects are required)**

1. Use Interleaf White Pages only.
2. Minimum 20 to 25 Pages should be there (excluding front pages).
3. Use Black & Blue Pen only.
4. 1 page each for Acknowledgment, Index, Preface, Cover Page, Bibliography, Conclusion.
5. Properly covered cardboard file is only acceptable. Cover could be Chart Papers (any Color) or Brown Cover only
6. Paste pictures (could be colored or Black / white) or draw charts / graphs, Pictures etc. (Choose as per your convenience)
7. Simple white sheet should be used. No colored papers are allowed.
8. Series should be :- Cover Page, Acknowledgment, Preface, Index, Project content, Bibliography, Conclusion.

**A list of suggested Projects is given below:**

1. Compare marketing strategies adopted by two different companies of the same industry (FMCG / Telecommunication / media / education industry etc.) keeping in mind the following:
  - Product mix
  - Price Mix
  - Place Mix
  - Promotion Mix
2. Collect newspaper/magazine clippings of five cases filed by consumers in the Consumer Court. Find out the rights violated, and the redressal mechanism used. What was the outcome of each case?
3. Visit a commercial Bank. Find out the procedure to open a savings account. Find out the details of various Agency & General utility services provided by the bank.
4. Compare the interest rates offered by five different commercial banks on fixed deposits under various categories (general and senior citizens) and various time durations. Find out the procedure and formalities for opening a fixed deposit account. What is the procedure for closing the account on maturity and before maturity period?
5. Select five different companies across varying industries such as I.T., textiles, FMCG, Health Care, etc., included in the SENSEX. Keeping a hypothetical base money of Rupees One Lakh, invest in the shares of the selected companies. The movement of share prices selected by you should be monitored over a period of one month on a daily basis. A uniform / standard practice of either using the opening price or the closing price on a particular day of the week should be used by all students in the class. At the end of the month, analyse your investment in a spread sheet and give reasons for your choice of scripts.
6. Find out the names of companies under various sectors (FMCG, Pharma, automobile, etc) included in the NIFTY and the SENSEX. Make a chart of the same and track its movements over a period of one week.
7. (a) Study the sources of recruitment and steps involved in the selection procedure adopted by two companies of the same industry.  
(b) Compare and evaluate the sources of recruitment and the selection process adopted by the selected companies.
8. Formulate a capital plan for a hypothetical business organization. Justify your formulated plan.
9. Choose two companies of the same industry. Study their organizational structure. Also give information with regard to:
  - (i) Hierarchy
  - (ii) Centralisation and delegation of authority
  - (iii) Flow of information (scalar chain)
  - (iv) Span of control
  - (v) Channel of communication.
10. Select any business undertaking. Study the selected business in terms of ownership, capital and profitability. Make a S.W.O.T. analysis and present it in a tabular form.