



**HOLIDAYS
HOMEWORK
2024
CLASS-XI**

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ENGLISH

1. Poster Making

Design attractive poster (A4 sheet) on the following:

- Drug Abuse
- Climate change & the world in 2050

2. Newspaper Activity:

Cut out and paste (minimum 2 each) clippings of classified advertisement from the newspaper under the heading:

- ❖ Sale of Vehicle
- ❖ Purchase of vehicle

3. Newspaper Activity:

Reading the newspaper is a habit that will help you throughout your life, because of the many benefits it has. This vacation, use the newspaper to enhance your vocabulary. As you read the newspaper, pick out a new word that you come across. Cut out the portion of the paper that contains the word. Paste it in your copy and highlight that word. Look up the meaning and usage and frame two sentences using the new word you have learnt. You have just made friends with a new word!! Do this activity till you have at least 15 new words in your repertoire.

4. Speech writing : The lesson ‘The Portrait of a Lady’ suggests a growing distance between the younger and older generation. Write a speech in about 150 words to be delivered in the morning assembly of the school on the above topic, on the basis of your reading of the text.

5. Prepare a Comic strip :

Based on the chapter ‘We’re Not Afraid to Die...if We Can All Be Together’.

NOTE: *The work should be done in the English register and submitted to the respective teachers.*

ACCOUNTANCY

1. Prepare PPT on Basic Accounting Terms (Roll no 1 to 24)
2. Prepare PPT on Introduction to Accounting (Topic: Meaning of Accounting, Process, Branches, Limitations)(Roll no 25 to 44)
3. Imagine any business unit , choose its name, prepare two sample vouchers, debit note, credit note, Cash-memo, invoice etc. and paste in your notes register.
4. Assignment of Chapter: Accounting Equation.
5. Explain the different types of bank accounts and Make a report on the procedure of opening a Savings Account and a Current Account in Bank.(scrap book)
6. Make a report of different types of cheques with examples.

BUSINESS STUDIES

1. Students are required to make a project report from the following work as per assigned Roll numbers.

- (a) Study the Profiles of any five neighbourhood grocery/ stationery Store.
- (b) Conduct a Study into the functioning of a Joint Hindu family businesses.
- (c) Enquire into the profile of five partnership firms.
- (d) Study the ideology and working of Cooperative Societies in the area.
- (e) Study the profiles of any five companies (inclusive of both private and public companies)

Students have to consider following aspects for undertaking above mentioned studies

Nature of business, size of the business measured in terms of capital employed , Number of persons working, sales turnover, Problems faced, Incentive, Reason behind choice of a particular form, Willingness to expand and relevant considerations etc.

2. Students have to collect information on any five sectors of the economy that **MAKE IN INDIA** focuses on. Find out the amount of investment in these sectors in the past two years. What were the possible reasons that led to an interest of investors in these sectors. Present your Project Report and present in **PPT** form.

3. Solve Case based questions from Chapter Business, Trade and Commerce, Forms of Business organisation

ECONOMICS

1. Solve assignment of numerical on “Measures of central tendency.”

https://docs.google.com/document/d/1KZogb_2Wd5COBrbxLoCf111dsJ7Wf9g2/edit?usp=drivesdk&oid=117516651765654077847&rtpof=true&sd=true

2. Read news from “ www.economicstimes.com” on daily basis, note down the headlines and its interpretation in your notebook and make a collage of news collected.
3. Make a project on A4 size sheets (20- 25 Pages) on any of the following topics given below:

Class XI	
<ul style="list-style-type: none">• Effect on PPC due to various government policies	<ul style="list-style-type: none">• Invisible Hand (Adam Smith)
<ul style="list-style-type: none">• Opportunity Cost as an Economic Tool (taking real life situations)	<ul style="list-style-type: none">• Effect of Price Change on a Substitute Good (<u>taking</u> prices from real life visiting local market)
<ul style="list-style-type: none">• Effect on Equilibrium Prices in Local Market (taking real life situation or recent news)	<ul style="list-style-type: none">• Effect of Price Change on a Complementary Good (taking prices from real life visiting local market)
<ul style="list-style-type: none">• Solar Energy, a Cost-Effective Comparison with Conventional Energy Sources	<ul style="list-style-type: none">• Bumper Production- Boon or Bane for the Farmer
<ul style="list-style-type: none">• Any other newspaper article and its evaluation on basis of economic principles	<ul style="list-style-type: none">• Any other topic

MATHEMATICS

SET THEORY AND RELATIONS & FUNCTION

1. Represent the following in the roster form
 - i) Set of months of a year having 30 days
 - ii) Set of integers between -6 & 6
 - iii) Set of vowels of English alphabets
 - iv) $\{x \in \mathbb{N} ; x^2 < 36\}$
2. Represent the following in set builder form
 - i) $\{-1, 1\}$
 - ii) $\{1, 4, 9, 16, 25, \dots, 121\}$
 - iii) $\{1, 2, 4, 8, \dots\}$
 - iv) Set of odd natural numbers
3. State whether the following are true or false
 - i) $\{1, 2\} = \{1, 1, 2, 2, 2\}$
 - ii) $\{2\} = \{1, 2, 3\}$
 - iii) \emptyset is a subset of every set
4. Write the following intervals in set builder form
 - i) $(-4, 0)$
 - ii) $[-6, 2)$
 - iii) $(9, 12)$
 - iv) $[-2, 3]$
5. A & B are two sets such that $n(A) = 3$ and $n(B) = 6$. Find $n(A \times B)$.
6. Taking the set of natural numbers as the universal set, write the complement of the following sets
 - i) $\{x : x \text{ is an even natural number}\}$
 - ii) $\{x : x \text{ is a prime number}\}$
 - iii) $\{x : x \text{ is a perfect square number}\}$
 - iv) $\{x : 2x + 5 = 9\}$
9. If $U = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10\}$
 $A = \{2, 4, 6, 8\}$
 $B = \{2, 3, 5, 7, 9\}$

Verify

i) $(A \cup B)' = A' \cap B'$

ii) $(A \cap B)' = A' \cup B'$

10. Given that $A = \{1, 2, 3, \dots, 100\}$ write the subset B of A whose elements are represented by $x + 2$, where $x \in A$

12. If $A = \{4^n - 3n - 1, n \in \mathbb{N}\}$

$B = \{9(n - 1), n \in \mathbb{N}\}$ show that $A \subset B$

13. Prove that if $A \cup B = C$ & $A \cap B = \emptyset$ then $A = C - B$

14. Two finite sets have m & n elements. The total number of subsets of the first set is 56 more than the total number of Subsets of the second set. Find values of m & n .

15. Using Venn diagram show the set

i) $A' \cap (B \cup C)$

ii) $(A - B) \cup (B - A)$

16. Given relation R on Z as $R = \{(a, b) \in Z \times Z : a^2 + b^2 \leq 4\}$.

The domain of R is

i) $\{0, 2, 4\}$ ii) $\{1, \pm 1, \pm 2\}$ iii) $\{1, 2, 3, 4\}$

iv) $\{0, 1, 2, 3, 4\}$

17. Let $f(x) = x^2 - x$

$g(x) = 2x$ be functions defined on \mathbb{R} , find i) $(f + g)(0)$

a) 0 b) 1 c) 2 d) 3

ii) $(f - g)(-1)$

a) 1 b) 4 c) 5 d) 6

iii) $(f \cdot g)(2)$

a) 0 b) 8 c) 6 d) None

18. Let R be a relation from \mathbb{N} to \mathbb{N} defined by $R = \{(a, b) : a, b \in \mathbb{N}, a = b^2\}$ Are the following true

ii) $(a, a) \in R, \forall a \in \mathbb{N}$

iii) $(a, b) \in R \Rightarrow (b, a) \in R$

iv) $(a, b) \in R, (b, c) \in R \Rightarrow (a, c) \in R$

20. If $A \times B = \{(a, 1), (a, 2), (a, 5), (b, 1), (b, 2), (b, 5)\}$ find $B \times A$

20. Let $A = \{1, 2, 3\}$

$B = \{3, 4\}$

$C = \{4, 5, 6\}$

find

i) $A \times (B \times C)$

ii) $(A \times B) \times (A \times C)$

21. Find domain of the functions: $f(x) = [x] + x$

22. Find range of the following functions

i) $f(x) = |x - 3|$

ii) $f(x) = 5 \sin 4x$

iii) $f(x) = 5 - |x|$

iv) $f(x) = 1 + 3 \cos 2x$

23. Let $A = \{a, b\}$; $B = \{c, d\}$. How many relations are possible from A to B

24. Find domain and range for the functions

i) $f(x) = |x|$

ii) $f(x) = \sin x \cos x$

iii) $f(x) = \sec x$

25. Redefine the function given by $f(x) = |x - 1| + |1 + x|$, $-2 \leq x \leq 2$

26. Let $A = \{1, 2, 3, 4\}$ & $B = \{1, 4, 9, 16, 25\}$. If R is a relation

defined from A to B as $R = \{(x, y) : x \in A, y \in B \text{ \& } y = x^2\}$

iv) Draw arrow diagram of R

v) Find domain of R

vi) Find range of R

vii) Find co-domain of R

27. Is $g = \{(1, 1), (2, 3), (3, 5), (4, 7)\}$ a function? Justify.

28. If $A = \{2, 4, 6, 9\}$ & $B = \{4, 6, 18, 27, 54\}$

Let R be a relation from A to B defined as $R = \{(a, b) : a < b \text{ \& } a \text{ is a factor of } b\}$

i) Find R

ii) Find domain and range of R

30. Draw graph of functions $f(x) = |x - 2|$

31. Draw the graph of $f(x) = 1 - |x + 3|$
32. The function f is defined by $f(x) = \text{Draw graph of } f(x)$
33. If $f(x) = \sin x$, find $f(f(x))$

A .Project Work:/ Case studies: 20 Marks

Class will be divided into different groups with four / five students in each group.

TOPIC ALLOTTED

Sets , Relation and function

Note: Students can use any one of below mentioned sub topics or any sub topic of their choice to make a project on sets , relation and function

Sub topics:

Integration with other subjects.

The concept of sets, relations and functions can be integrated into various other disciplines such as physics, computer science, and economics. Students can be courage to explore the connections and apply their understanding of sets, relations and functions in the contexts. Science Students will learn about the applications of sets, functions and relations in various scientific fields, such as physics, biology, and chemistry.

Real-Life Linkage:

The concept of sets relations and functions can be linked to real-life situations such as income and expenditure, population growth, and demand and supply in economics. Students will explore these connections and apply their understanding of sets, relations and functions in the contexts.

Art Integration:

The concept of sets, relations and functions can be integrated with art by exploring the graphical representation of functions. Students will create their own graphs and identify the characteristics of different types of functions. This can help them develop their creativity and

Visualization skills

Sustainable Development Goals:

The concept of sets, relations and functions can be linked to Sustainable Development Goals such as Goal8: Decent Work and Economic Growth, Goal 10: Reduced Inequalities and Goal 16: Peace, Justice, and Strong Institutions. Students will explore these connections and apply their understanding of sets, relations and functions in the contexts.

GENERAL GUIDELINES:

- The project is to be done on inter-leaf sheets.
- The total length of the project will be 15-20 pages.
- Students have to preserve the initial drafts of the project as well as any research papers that they may have used.
- Students have to be prepared to give a presentation of the project in the class.
- A summary/synopsis (one page) of the project has to be prepared covering:
The objective statement Their observations and findings The learning outcomes
- Any other learning from this exercise such as skills of team work, problem solving, time management, information collection, processing, analysing and synthesizing relevant information to derivemeaningful conclusions;
- The projects must be neat and well-presented and must be completely hand-written.
- No whiteners to be used or written matter to be crossed out. In case of any mistakes, redo the sheet.
- Do not number sheets or write dates unless so instructed. •
- Colour illustrations, graphs may be hand drawn or printed (if it is relevant for any aspect of your project) are welcome to make them look attractive.

PHYSICS

1. Mind Map

Mind map of formulas of Unit and dimensions and straight line on physics notebook. (Including short cut tricks of JEE/NEET).

2. Chart work

Prepare 1 colorful chart on A-4/A-3 ivory sheet on topics assigned in given attachment.

3. Practical copy

Write following practicals on practical notebook

Vernier calliper

*To measure the diameter of a small spherical/cylindrical body using Vernier callipers.

*To measure internal diameter and depth of a given beaker/calorimeter using Vernier callipers and hence find its volume.

Screw gauge

*To measure the diameter of a given wire using screw gauge.

*To measure the thickness of a given sheet using screw gauge

simple pendulum

*Using a simple pendulum, plot L-T and L-T² graphs. Hence find the effective length of a second's pendulum using appropriate graph.

Instructions regarding Practical notebook

Start writing your practical notebook

Instructions

Right hand side is to be written with pen.

You will write following on RHS of file:

AIM

APPARATUS

PROCEDURE

RESULT

PRECAUTIONS

SOURCES OF ERROR

LEFT HAND SIDE is to be written with pencil. You will write following on LHS

AIM

APPARATUS

DIAGRAM

OBSERVATIONS AND ITS TABLE

CALCULATIONS AND RESULT

GRAPH (if any)

You are supposed to complete written portion, leaving OBSERVATIONS table and calculations blank. During practical classes, you will note down readings in blank spaces.

4. Assignment

<https://drive.google.com/file/d/1C1QvYa2zG6Ju8IGwNVuut9SEjeB7WPb0/view?usp=drivesdk>

Solve given assignment on physics notebook.

CHEMISTRY

The following two tasks are to be done on a single register. Put your creativity to use to make the diagrams visually appealing.

- 1) Solve the following assignments of chapter 1 and 2, the links of which are given below.

Unit 1: <https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/chemistry/keep501.pdf>

Unit 2:

<https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/chemistry/keep502.pdf>

- 2) Make a project report on any two of the themes given below:

- a) Hydrogen spectrum + Bohr model Besides theory, please include numerical problems of each formula type.(At least 10 numericals are expected)
- b) Quantum Mechanical model (including Quantum numbers, shapes of orbitals and electronic configuration of atoms and ions.)
- c) Concentration terms and numerical problems based on these.(At least 20 numericals are expected)

The above-mentioned holidays Homework will carry due weightage in the final internal assessment.

Enjoy your vacation. Stay safe, healthy and happy.

BIOLOGY

Multiple Choice Questions for Circulatory System

- Which of the following is not part of the circulatory system.
A Heart
B Lungs
C Blood
D Blood vessels
- Which is not a pulse in the body
A Carotid
B Radial
C Femoral
D Temprial
- What is the thickness of Capillaries
A 1 cell thick
B 10 Cells Thick
C 100 Cells Thick
D 100,000 Cells thick
- Correct spelling
A hemoglobin
B Haemoglobin
C Hemoglowbin
D Heamowglobin
- Antibodies do not fight
A Infections
B Diseases
C Viruses
D Bacteria
- Blood pressure is
A 140/80
B 140/100
C 120/80
D 120/100
- What is carried mainly in plasma
A White blood cells
B Glucose
C Carbon Dioxide
D Oxygen
- Vasodilation is
A Vessels under the skin expand
B Muscles expand
C Vessels under the skin shrink
D Muscles shrink
- Too cold
A Hyperthermia
B Hypothermia
C Lowthermic
D Hythermic
- What is an average Heart rate of a fit 18 year old at rest
A 40
B 65
C 85
D 120

11. What is maximum heart rate of 18 year old
 A 182
 C 202
 B 192
 D 212
12. During exercise
 A Cell respiration increases
 C Oxygen production increases
 B Cell respiration decreases
 D CO₂ production decreases
13. How many red blood cells are there in a drop of blood
 A 15 million
 C ½ Million
 B 50,000
 D 5 million
14. What gives red blood cells their colour
 A Muscle
 C Haemoglobin
 B Oxygen
 D Plasma
15. Which has no nucleus
 A White blood cells
 C Heart cells
 B Red blood cells
 D Lung cells
16. Which contains Oxygenated blood
 A Pulmonary artery
 C Left Ventricle
 B Right ventricle
 D Venules
17. Which contains de-oxygenated blood
 A Left ventricle
 C Pulmonary vein
 B Bicuspid valve
 D Aorta
18. In the circulatory system, which is correct
 A Right ventricle, Semi-lunar valve, Pulmonary artery, Lungs
 B Left ventricle, Semi-lunar valve, Pulmonary artery, Lungs
 C Right ventricle, Semi-lunar valve, Pulmonary Vein, Lungs
 D Left ventricle, Semi-lunar valve, Pulmonary Vein, Lungs
19. What is the correct name for red blood cells
 A Erythrocytes
 C Phagocytes
 B Leucocytes
 D Megabytes

20. What is responsible for blood clotting
- | | |
|--------------|-------------|
| A Plasma | B Platelets |
| C Corpuscles | D Protein |
21. How much % of water is in blood
- | | |
|------|------|
| A 60 | B 70 |
| C 80 | D 90 |
22. What is not a function of blood
- | | |
|---|------------------------|
| A Carries waste products away | B Controls temperature |
| C Controls balance of chemicals in body | D Produces acid |
23. Phagocytes do what
- | | |
|------------------------|------------------------|
| A Eat germs | B Produce bacteria |
| C Stop smokers smoking | D Make red blood cells |
24. Smallest blood vessels are
- | | |
|------------|---------------|
| A Arteries | B Arterioles |
| C Venules | D Capillaries |
25. How much blood is in the body
- | | |
|------------|------------|
| A 5 litres | B 5 pints |
| C 15 litre | D 15 pints |
26. Where does oxygenated blood give up its oxygen
- | | |
|-------------------|------------------|
| A Lungs | B Muscles |
| C Right ventricle | D Left ventricle |
27. Which is the only artery to carry de-oxygenated blood
- | | |
|-----------|-------------|
| A Carotid | B Femoral |
| C Bracial | D Pulmonary |

28. Another name for the bicuspid valve is the

- A Mitral
- B Pitral
- C Vitral
- D Bitral

29. Heart muscle is

- A Voluntary muscle
- B Involuntary muscle
- C Carotid muscle
- D Cardiac muscle

30. Formula for cardiac output is

- A SV/HR
- B HR/SV
- C $HR+SV$
- D $HR \times SV$

31. If individual has Heart rate of 60, Stroke rate of 150ml Cardiac output is

- A 900ml
- B 9000ml
- C 2.5ml
- D 25ml

32. Wall down the middle of the heart is called the

- A Hexum
- B Pentum
- C Octum
- D Septum

33. The highest blood pressure is found in the

- A Venules
- B Aorta
- C Arteries
- D Veins

34. Walls are thickest in the

- A Right atrium
- B Right ventricle
- C Left atrium
- D Left ventricle

35. Where would you find valves

- A Arterioles
- B Capillaries
- C Veins
- D Lungs

36. What circulation carries oxygenated blood to the body

- | | | | |
|---|----------|---|-----------|
| A | Systemic | B | Bodily |
| C | Muscular | D | Pulmonary |

37. What colour is oxygenated blood

- | | | | |
|---|--------|---|-------|
| A | Red | B | Blue |
| C | Purple | D | White |

PHYSICAL EDUCATION

- Practical-1: Fitness tests administration. (SAI Khelo India Test)
- Practical-2: Procedure for Asanas, Benefits & Contraindication for any two Asanas for each lifestyle disease.
- Practical-3: Anyone one IOA recognized Sport/Game of choice. Labelled diagram of Field & Equipment. Also mention its Rules, Terminologies & Skills.

PAINTING

1 still life

1 Indian Folk Art

1 Composition on Music or Dance.

(All on A2 size sheets)

APPLIED ART

1 Typography in English

1 Still life

1 Advertisement on any eatable or make up product.

(All on A2 size sheets)

HISTORY

Write a synopsis on any one of the topics given below:

Only one project is to be done in the session.

- 1) Facets of the Industrialization in sixteenth eighteenth centuries.
- 2) Crusades: causes, rationale, events, outcomes: Holy Alliance
- 3) Ancient History in depth: Mesopotamia
- 4) Greek Philosophy and City States
- 5) Contributions of Roman Civilization
- 6) The spirit of Renaissance: Manifestation in art, Literature: Sculpture; Influence on Trading Community, Social Fabric: Philosophy, Political Values, Rational Thinking: Existentialism
- 7) Aspects of Development -South American States/Central American States
- 8) Different schools of thoughts- Realism: Humanism: Romanticism,
- 9) Piecing together the past of Genghis Khan
- 10) Myriad Realms of Slavery in ancient, medieval, and modern world
- 11) History of Aborigines America/Australia
- 12) Facets of Modernization-China/Japan/Korea.

Note: Please refer Circular No. Acad. 16/2013 dated 17.04.2013 for complete guidelines

REVISE (THEMES)- 2,3 and 6 and

Practise mapwork as per the CBSE list and attach in a file /register.

Complete assignment of ch 4.

ALL THE BEST!!

ENJOY YOUR HOLIDAYS IN HOLISTIC WAY.

POLITICAL SCIENCE

PROJECT:-

Prepare a project according to CBSE guidelines.

Some suggested topics from BOOK 2 Politics of India since Independence are:-

1. Constitution why and how
2. Rights in the Indian Constitution
3. Election and representation
4. Executive
5. Legislature
6. Judiciary
7. Federalism
8. Local Government
9. Constitution as a living document
10. The philosophy of the Constitution

General instructions:

1. Project can be individual /pair/ group of four- five each.
2. It should be a handwritten project on A4 size sheet.
3. Project should be summed up in 25-30 pages
4. It should be well research based on facts and figures and pictorial.
5. The project must have a title /cover page, certificate, acknowledgement, index, introduction, aims and objectives, analysis with heading and sub headings, conclusion and bibliography.
6. It must include relevant news clippings, facts and figures pictures etc.

B. Read and revise the chapters taught in the class. Answer the questions sent through the worksheet.

C. Read the newspaper daily especially the editorials. Listen to English news daily.

Happy Holidays.

PSYCHOLOGY

Q1. Write about any 5 psychologists with their pictures (refer to chapter-1) and their contributions to the different branches of Psychology. (Use A3 Size sheet).

Q2. Write down the assignments of Chapter 1st and 2nd in your notebooks.(It will be shared with you in your group)

Q3. Watch any documentary/ movie or read a book on psychological issues (disorder or disability) and write summary in 300 words.

FASHION STUDIES

Illustrate following color schemes on A3 size ivory sheets

1. Warm & Cool colours (geometrical shapes)
2. Analogous colours(Cartoon character)
3. Complementary colours(butterfly/fish motif)
4. Tints tones and shades (Birds)

INFORMATICS PRACTICES

Prepare a Practical File of IP containing following:-

I. Draw a Mind-map of Python Data types on Left hand side and write a brief introduction to Python Programming Language on right hand side.

II. Give heading of PYTHON PROGRAMS and make the programs given in the link provided below:

https://docs.google.com/document/d/1rvXIYNyH_gAe4szjjKYXHkXQzqm3BzhH/edit?usp=sharing&ouid=111200647562223694998&rtpof=true&sd=true

#Note:

Write all python programs on right side lined page.

Paste the output on left hand side blank page.

COMPUTER SCIENCE

Prepare a Practical File of CS containing following:-

I. write a brief introduction of SQL along with the data types and different SQL commands on right hand side.

II. Give heading of MYSL QUERIES and write the SQL commands along with the outputs.

III. One Assignment will be shared by the teacher in class group. Do as directed, by the teacher.

#Note:

Write all SQL queries on right side lined page.

Draw the output on left hand side blank page.

INFORMATION TECHNOLOGY

- I. Prepare a Practical File of IT.
- II. Make Basic Computer Organisation diagram on left hand side blank page along with brief introduction to be written on right side lined page.
- III. Assignment will be shared by teacher in group. Do as directed by the teacher

ARTIFICIAL INTELLIGENCE

Prepare a Practical File of AI and complete the following activities:

UNIT-1 INTRODUCTION: ARTIFICIAL INTELLIGENCE FOR EVERYONE

1. Activity on Machine Learning (Pg 9)
2. Collage on Structured Data and Unstructured data
3. Supervised learning using Teachable Machine(Pg15) *Paste the screenshot on LHS and write about the domain used on RHS*

Link of Website- <https://teachablemachine.withgoogle.com/train>

4. Neural networks-

Magic Sketchpad– experiment lets you draw together with a recurrent neural network model- *Paste the screenshot on LHS and write about the ANN on RHS*

Link of Website- <https://magic-sketchpad.glitch.me/>

8. Mini Research Project

Project 1: Make a report on the tools used for weather forecasting. Your report should not be more than a page long.

Project 2: What are the different types of weather forecasting techniques?

FINANCIAL MARKETS MANAGEMENT

1. Financial Planning Project: Students will create a comprehensive financial plan for a hypothetical client (a young individual or a retiree) including budgeting, saving, investing, and risk management strategies.(A4 size sheet)

2. Case Study Analysis: Read real-world case studies of companies or individuals facing financial challenges and you will analyze and propose solutions.(e.g.HARSHAD MEHTA SCAM)

3. Financial Literacy Campaign: Students will design a public awareness campaign (file) to promote financial literacy and educate people about personal finance concepts.

4. MUTUAL FUND PROJECT

THE PROJECT MUST INCLUDE THE FOLLOWING POINTS-

1. Performance Analysis of Mutual Funds: Choose a few mutual funds and analyze their performance over a specific period, evaluating their returns, risk, and expense ratios

2. Risk-Return Analysis of Mutual Funds: Investigate the relationship between risk and return in mutual funds, analyzing factors like standard deviation and Sharpe ratio.

3. Mutual Fund Industry Research: Research the mutual fund industry, analyzing trends, market size, and regulatory frameworks.

4. Case Study of a Successful Mutual Fund: Analyze a successful mutual fund, evaluating its investment strategy, portfolio composition, and performance.

MASS MEDIA

1. Watch films from the filmmakers mentioned in your resource material+any other critically acclaimed films on socially relevant topics. For any 2 of them, study the use of the following
 - a. Editing Transitions
 - b. Camera Angles
 - c. Camera Movements
 - d. Title sequence
 - e. Non-linear/Linear narrative
 - f. Use of music

2. Pick up any mainstream daily newspaper. Read it carefully and make rough notes on the following points:

What kind of news is featured on the front page?

What is the order in which they are printed? Why do you think such an order is followed?

What is the 'lead' or main news story? Why do you think it is the 'lead' story? (E.g. position on the page, space devoted to it, the font size of the headline, the number of columns it covers etc.)

3. Find about all the newspapers that are published/distributed in your city/town. Make a list of their names. Categorise them into broadsheet, Berliner and tabloid based on the newspaper size, news content and focus, language used, vocabulary and any other criteria you consider relevant.

4. Prepare and administer a questionnaire to analyse radio listening patterns in your locality. Eg-Question types may include favourite genres of music, which is the usual time spent listening to radio, favourite radio show/RJ etc. Analyse your findings in form of a short report.

LEGAL STUDIES

PROJECT FILE on Any Topic/Chapter based on the CBSE syllabus.

CASE STUDY METHOD Can be opted to make project on Case studies on

Unit 1:-Introduction to political institutions

Chapter 1 - concept of State

Chapter 2 - forms and organs of Government

Chapter 3 – Separation of powers

Any other method can be also opted to make your project file on the other topics

General instructions:

1. Project can be individual /pair/ group of four- five each.
2. It should be a handwritten project on A4 size sheet.
3. Project should be summed up in 25-30 pages
4. It should be well research based on facts and figures and pictorial.
5. The project must have a title /cover page, certificate, acknowledgement, index, introduction, aims and objectives, analysis with heading and sub headings, conclusion and bibliography.
6. It must include relevant news clippings, facts and figures pictures etc.

B. Read and revise the chapters taught in the class. Answer the questions sent through the worksheet.

C. Read the newspaper daily especially the editorials. Listen to English news daily.

Students are to write back exercise questions of all 3 chapters of Unit 1 in their Legal studies note-book.

Revise unit 1

KATHAK – DANCE

1. Notation of Teen Taal (ekgun , dugun , chaugun)
2. Notation of Jhaptaal (ekgun , dugun , chaugun)

HIND MUSIC.VOCAL

- Definitions ; jati that swar saptak Shruti
- Raag bihag prichay notation
- Teen tal
- Life sketch of Pt. Tansen

