



# Holy Angel Public School, Almora

Class: 12<sup>th</sup>

## Summer Vacation Home Assignments

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### General Instructions

- Complete all holiday homework neatly and sincerely
- Read newspapers, magazines, and subject-related books to enhance your knowledge.
- Any project or practical work should be completed as per the given guidelines.
- Use a separate notebook/file for each subject, if instructed by your teacher.
- The deadline for homework submission is **July 6, 2026**



### Dear Parents and Students,

Summer vacation is a valuable time for both relaxation and learning. For students of Class XII, it is also an important opportunity to strengthen their academic foundation, develop self-discipline, and prepare themselves for the challenges and opportunities that lie ahead.

Dear Students, this is the time to revise concepts, enhance your knowledge, and cultivate good study habits. The holiday assignments and worksheets have been carefully designed to help you learn independently, think creatively, and remain connected with your studies while enjoying your vacation.

Dear Parents, your encouragement, guidance, and support play a vital role in your child's success. We request you to motivate your ward to follow a balanced routine, complete the assigned work sincerely, and make productive use of their time during the holidays.

The holiday homework and worksheets have been attached for your reference. Kindly go through them carefully and ensure that the assigned work is completed neatly, accurately, and submitted on time after the vacation.

Let this summer be a journey of learning, growth, exploration, and self-improvement. May it bring new experiences, renewed energy, and meaningful moments for your family.

**Wishing all our students and parents a happy, healthy, productive, and enriching Summer Vacation!**

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**For Any Query Please Contact**

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**Day 1–3: READING + WRITING**

**Task 1: Newspaper Article Summary**

Read 2 articles from any English newspaper on Education/Environment/Youth Issues.

For each article, write:

- Headline
- Date
- 60-word summary
- 40-word personal opinion

**Task 2: Notice Writing**

Your school Literary Club is organizing a “Book Review Competition”.

Write a notice in 50 words to inform students. Include:

- Name of event
- Date
- Time
- Venue
- Last date of registration



**Day 4–7: LITERATURE – FLAMINGO**

**Task 3: Chapter Q&A**

From “The Last Lesson” by Alphonse Daudet:

- a) What was the mood in the classroom on M. Hamel’s last day? – 3 Marks
- b) Why does M. Hamel say “It is in our language that we are prisoners”? – 3 Marks

**Task 4: Character Map**

Make a character map of “Saheb” from “Lost Spring”.

Include:

- 4 traits
- 1 key quote
- 2 lines on “What Saheb teaches us”

Draw and write neatly.

**Day 8–9: LITERATURE – VISTAS**

**Task 5: Theme Note**

Read “The Third Level” by Jack Finney.

Write the central theme in 100 words.

Start with: “The story shows that...”

**Day 10: VOCABULARY + GRAMMAR**

**Task 6: Vocabulary Log**

Pick any 10 difficult words from Prose 1–2 and make a table:

Word | Meaning | Your Sentence



**Part A: Previous Years' Questions (PYQs) Compilation [35 MARKS]**

**Objective :**

To familiarize yourself with the pattern, difficulty level, and frequently asked concepts in CBSE Board Examinations.

**Instructions :**

- You will be provided with Previous Years' Board Question Papers and Sample Papers.
- Carefully go through all the papers.
- Identify and extract questions related only to the chapters completed in class (Chapter 1 to Chapter 7).
- Categorize the questions chapter-wise under appropriate headings.

**Further classify them into:**

- MCQs
- Case-Based Questions
- Short Answer Questions
- Long Answer Questions
- Numerical Problems
- Write the questions neatly in a separate notebook/file.
- Attempt all the extracted questions with complete solutions.
- Highlight important formulas, concepts, and derivations wherever applicable.

**Submission Format :**

- Maintain a separate "Physics PYQ Compilation Notebook/File".
- Questions and solutions should be written neatly with proper numbering.
- Use blue/black ink and draw diagrams wherever required.

**Part B: Investigatory Project [15 MARKS]**

**Objective :**

- To develop scientific inquiry, analytical thinking, and presentation skills.

**Instructions :**

- Choose the investigatory project topic allotted to you.

**Conduct research using :**

- NCERT Textbook
- Reference Books
- Authentic Educational Websites
- Scientific Journals/Articles (where applicable)

**Your project should contain the following sections :**

1. Cover Page	8. Theoretical Background
a) Project Title	9. Working Principle
b) Student Name	10. Experimental Setup/Methodology (if applicable)
c) Class & Section	11. Observations/Data Collection
d) Roll Number	12. Analysis and Discussion
e) School Name	13. Applications
2. Certificate	14. Limitations
3. Acknowledgement	15. Conclusion
4. Index	16. Bibliography



5. Main Content	17. Include relevant diagrams, graphs, photographs, tables, and illustrations wherever necessary.
6. Introduction	18. Originality of work will be given due importance.
7. Aim/Objectives	19. Avoid direct copying from the internet.

### Project Presentation Guidelines :

- Maintain proper margins and page numbering.
- Handwritten projects are preferred unless otherwise instructed.
- Use neat and labeled diagrams.
- Ensure logical flow and scientific accuracy.

## Chemistry

### 1. Board Examination Question Paper Analysis

- - Carefully analyze and solve the CBSE Board Examination Chemistry Question Papers of 2025 and 2026.
- - Mark the important concepts, repeated questions, and NCERT-based questions.

### 2. Investigatory Project

- Complete your Investigatory Project File neatly and properly.
- The topics have already been allotted in the classroom.
- Students who were absent may choose any one topic from the following:
- Corrosion and Prevention of Rusting
- Electroplating of Metals
- Study of Catalysts in Chemical Reactions
- Construction and Study of a Simple Galvanic Cell
- Study of Acid Rain and Its Effects on Monuments
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### 3. Revision Work

- Revise all the chapters that have been completed in the classroom.

#### Focus on:

- NCERT Textbook Questions
- Important Reactions
- Definitions and Key Concepts
- Numericals and Reasoning-Based Question
- "Success comes to those who prepare well. Use your holidays wisely and stay consistent with your studies."



Happy  
Summer

**NCERT SECTION (To be done in separate Notebook)**

Hello  
**Summer**



**ASSIGNMENTS -1 [Ch-1 : Relations & Functions]**

**A. NCERT**

Solved Examples	Exercises
Pg-3- Example 2, 4, 5 Pg-8- Example 8 Pg-9- Example 10, 11 Pg-14- Example 23, 24	Ex-1.1- Q2, Q3, Q5, Q8, Q9, Q10, Q12 Ex-1.2- Q2, Q3, Q6, Q8, Q9 Misc Ex-1- Q1, Q5, Q6, Q7

**B. Do write the summary given in last page of Chapter and learn [NCERT]**

**ASSIGNMENTS -2 [Ch-2: Inverse Trigonometric Functions]**

**A. NCERT**

Solved Examples	Exercises
Pg-26- Example 1, 2 Pg-28- Example 3, 4, 5 Pg-30- Example 6	Ex-2.1- Q5, Q7, Q10, Q11, Q12, Q13, Q14 Ex-2.2- Q3, Q5, Q6, Q8, Q9, Q12, Q14, Q15 Misc Ex-2- Q4, Q6, Q7, Q9, Q10, Q11, Q12, Q13, Q14

**B. Do write the summary given in last page of Chapter and learn [NCERT]**

**ASSIGNMENTS -3 [Ch-3: Matrices]**

**A. NCERT**

Solved Examples	Exercises
Pg-56- Example 18 Pg-63- Example 21 Pg-65- Example 22 Pg-70- Example 23, Pg-71- Example 25	Ex-3.1- Q4, Q5, Q10, Ex-3.2- Q6, Q8, Q11, Q15, Q17, Q18 Ex-3.3- Q6, Q7, Q9, Q11, Q12 Misc Ex-3- Q3, Q4, Q6, Q8, Q9, Q11

**B. Do write the summary given in last page of Chapter and learn [NCERT]**

**ASSIGNMENTS -4 [Ch-4: Determinants]**

**A. NCERT**

Solved Examples	Exercises
Pg-80- Example 4 Pg-83- Example 7 Pg-90- Example 13, Pg-91- Example 14 Pg-92- Example 15, Pg- 95- Example 17 Pg- 98- Example 19	Ex-4.1- Q4, Q8 Ex-4.2- Q2, Q3, Q5 Ex-4.4- Q13, Q14, Q17, Q18 Ex-4.5- Q12, Q14, Q15 Misc Ex-4- Q4, Q7, Q9

**B. Do write the summary given in last page of Chapter and learn [NCERT]**

**ASSIGNMENTS -5 [Ch-5: Continuity and Differentiability]**

**A. NCERT**

Solved Examples	Exercises
Pg-106- Example 3, Pg-108- Example 9 Pg-110- Example 10, 11, Pg-112- Example 15 Pg-115- Example 20, Pg- 132- Example 30 Pg- 135- Example 32, Pg-136- Example 34 Pg- 138- Example 37, Pg- 139- Example 38 Pg-140-Example 39, Pg-143- Example 42	Ex-5.1- Q5, Q8, Q9, Q13, Q16, Q17, Q18, Q19, Q23, Q25, Q28, Q30, Q34 Ex-5.2- Q9, Q10      Ex-5.3- Q9, Q12, Q13, Q15 Ex-5.5- Q8, Q10, Q15, Q13, Q15 Ex-5.6- Q7, Q8, Q11      Ex-5.7- Q11, Q13, Q16 Misc Ex-5- Q9, Q10, Q14, Q16, Q18, Q22



B. Do write the summary given in last page of Chapter and learn [NCERT]

**ASSIGNMENTS -6 [Ch-6: Application of Derivatives]**

A. NCERT

Solved Examples	Exercises
Pg-148- Example 2, Pg-155- Example 10,11 Pg-157- Example 13, Pg-167- Example 22 Pg-168- Example 23, Pg- 169- Example 24, 25 Pg- 170- Example 26, Pg-174- Example 29 Pg- 178- Example 31, Pg- 180- Example34 Pg-181-Example 36	Ex-6.1- Q5, Q8, Q10, Q12, Q14 Ex-6.2- Q7, Q9, Q11, Q14, Q17, Q18, Q19 Ex-6.3- Q4, Q9, Q15, Q18, Q22, Q25, Q26, Q27, Q28, Q29 Misc Ex-6- Q1, Q2, Q5, Q7, Q9, Q11, Q14, Q15

B. Do write the summary given in last page of Chapter and learn [NCERT]

**ASSIGNMENTS -7 [Ch-7: Integrals]**

A. NCERT

Solved Examples	Exercises
Pg-238- Example 6, Pg-247- Example 9 Pg-265- Example 23, Pg-276- Example 28 Pg-277- Example 30, Pg- 278- Example 33 Pg- 279- Example 34	Ex-7.4- Q6, Q8, Q12, Q15, Q20, Q23 Ex-7.5- Q6, Q11, Q14, Q16, Q19 Ex-7.6- Q7, Q10, Q14, Q22      Ex-7.7- Q5, Q7, Q9 Ex-7.10- Q5, Q7, Q12, Q16, Q17, Q18 Misc Ex-7- Q7, Q11, Q15, Q22, Q27, Q31, Q32, Q34, Q36

B. Do write the summary given in last page of Chapter and learn [NCERT]

**ASSIGNMENTS -8 [Ch-8: Application of Integrals]**

A. NCERT

Solved Examples	Exercises
Pg-294- Example 1, Pg-295- Example 2 Pg-296- Example 3, Pg-297- Example 4	Ex-8.1- Q1, Q2 Misc Ex-8- Q2, Q3

B. Do write the summary given in last page of Chapter and learn [NCERT]

**NCERT EXEMPLAR SECTION:**

Select 10 questions from each Chapters Completed (Ch 1,2,3,4,5, 6 , 7& 8) : 5 MCQs, 3 Short Answer Type Questions & 2 Long Answer Type Questions {Note :Select good questions aligned with CBSE standard norms}

**CBSE – PREVIOUS YEAR QUESTION PAPER: 2025 & 2026 QP and SQP**

Attempt all the questions related to chapters 1 to 8 in your notebook

Make a Portfolio with the following instruction:

PAGE 1. MY PORTFOLIO

PAGE 2. PHOTO, NAME , ROLLNO., CLASS, FATHER'S NAME, MOTHER'S NAME, D.O.B , ADDRESS

PAGE 3. MY GOALS / DREAMS AND ASPIRATIONS

PAGE 4. ACHIEVEMENTS (ACADEMICS,SPORTS, PUBLIC SPEAKING, CO-CURRICULAR)

PAGE 5. STRENGTH AND WEAKNESS (+VE AND –VE BOTH)

PAGE 6. My realistic strategies & study methods to score  $\frac{100}{100}$  in Mathematics: CBSE Board Exam-2027.

**Important Instructions: Timeline for submission of Summer Break Assignments is 06.07.2026.**

Chapters Covered:

1. Sexual Reproduction in Flowering Plants
2. Human Reproduction
3. Reproductive Health

### Section A: Multiple Choice Questions (1 Mark Each)

- Q1.** What is the ploidy level of the PEN (Primary Endosperm Nucleus) in a typical angiosperm?  
A)  $n$  B)  $2n$  C)  $3n$  D)  $4n$
- Q2.** Identification of the correct sequence of layers in an anther wall from outside to inside:  
A) Epidermis, Endothecium, Middle layers, Tapetum  
B) Epidermis, Middle layers, Endothecium, Tapetum  
C) Tapetum, Middle layers, Endothecium, Epidermis  
D) Epidermis, Tapetum, Endothecium, Middle layers
- Q3.** Which cells in the mammalian testis provide nourishment to the developing spermatozoa?  
A) Leydig cells B) Sertoli cells C) Spermatogonia D) Interstitial cells
- Q4.** The surge of which hormone induces ovulation?  
A) Progesterone B) Estrogen C) FSH D) LH
- Q5.** Which of the following is a non-medicated IUD?  
A) CuT B) Lippes Loop C) LNG-20 D) Multiload 375

### Section B: Very Short Answer Questions

- Q6.** Name the organic substance that makes up the exine of pollen grains.
- Q7.** What is apomixis? Give one example.
- Q8.** Define colostrum and state its immunological significance.
- Q9.** Why are the human testes located outside the abdominal cavity?
- Q10.** What is the primary mechanism of action of emergency contraceptive pills?

### Section C: Short Answer Questions

- Q11.** Explain the two major fusion events during double fertilization.
- Q12.** Draw a neat, labeled diagram of a mature anatropous ovule.
- Q13.** Compare spermatogenesis and oogenesis.
- Q14.** Describe hormonal changes during follicular and luteal phases.
- Q15.** Under what legal and medical circumstances is MTP permitted in India?

### Section D: Long Answer & Case-Based Questions

- Q16.** Discuss outbreeding devices and pollen-pistil interaction.
- Q17.** Trace the journey of a human sperm up to implantation.
- Q18.** Case Study: Combating Infertility.
- a) Suggest the most viable ART procedure.
  - b) How does ZIFT differ from GIFT?
  - c) Why is public awareness and counseling crucial?

### Student Instructions:

1. Complete this worksheet in your Biology assignment notebook.
2. Use diagrams wherever required.
3. Utilize your NCERT textbook as the primary reference guide.

## Accountancy (055)

### 1. Project work (as per CBSE Guidelines)

One specific project based on financial statements analysis of a company covering any two **aspects from the following.**

- Comparative and common size financial statements.
- Accounting Ratios.
- Segment Reports
- Cash flow statements.

### 2.Revision work

- Revise the chapter Change in profit sharing Ratio
- Admission of a Partner and
- Retirement of a partner for PT-2



## Business studies (054)

### 1.Project work (as per CBSE Guidelines)

Choose any one topic from.

- Marketing Management
- Principle of Management (based on survey)
- Business Environment (real-world examples)
- Stock Exchange

#### Format

- Cover page
- Certificate
- Acknowledgement
- Introduction
- Objectives
- Methodology
- Analysis and interpretation
- Conclusion
- Bibliography

### 2.Creative work

Prepare a Mind map/flow chart

- **Topics.** Function of management/staffing/controlling
- Use colored pen for better visual memory

### 3.Revision work

- Revise chapter no 3 (Business Environment)
- Revise chapter no 4 (Planning) for PT-2



Dear Students,

Prepare a well-presented Economics Project File on the topic allotted to you. The project should be handwritten on A4 sheets or in a project file, with neat handwriting, proper headings, coloured diagrams/charts wherever required, and relevant examples.

### Project Guidelines

Each project should include:

1.
  - ✓ Cover Page
  - ✓ Project Title
  - ✓ Student's Name
  - ✓ Class & Section
  - ✓ Roll Number
  - ✓ School Name
  - ✓ Session (2026-27)
2. Certificate
3. Acknowledgement
4. Index
5. Introduction
6. Objectives of the Study
7.
  - ✓ Main Content
  - ✓ Explanation of the topic
  - ✓ Definitions and key concepts
  - ✓ Diagrams/Flowcharts/Graphs
  - ✓ Real-life examples
  - ✓ Recent facts and statistics (where applicable)
8. Conclusion
9. Learning Outcomes
10.
  - ✓ Bibliography
  - ✓ NCERT Economics Textbook
  - ✓ Newspapers
  - ✓ Magazines
  - ✓ Government Reports
  - ✓ Reliable Educational Websites

### Instructions

- The project must be original and handwritten.
- Maintain neatness, creativity, and proper presentation.
- Use coloured headings, charts, pictures, and diagrams wherever appropriate.
- Submit the completed project on the first working day after the summer vacation.
- Project File Marks: 20 Marks (Presentation, Content, Creativity, Accuracy, and Viva).

### Project Allocation

**Unit 1** – National Income and Related Aggregates – Suryadev, Manasvi

**Unit 2** – Money and Banking – Khushbu, Gaurav

**Unit 4** – Government Budget and the Economy – Kartik

**Unit 6** – Development Experience (1947-90) and Economic Reforms Since 1991 – Nupur

**Unit 7** – Current Challenges Facing the Indian Economy – Gaurav, Aman

### Week 1: Nation Building, Dominance & Foreign Policy

#### Day 1: Three Challenges (1947)

- Unity: Keeping a highly diverse, Partition-torn country together.
- Democracy: Setting up free elections for a largely illiterate population.
- Development: Eradicating poverty and ensuring economic growth for all.

#### Day 2: Congress Factionalism

- The Strength: Congress acted as a broad coalition of ideologies. Internal disagreements were settled inside the party via internal factions. This absorbed opposition viewpoints and kept Congress adaptive and dominant.

#### Day 3: Green Revolution

- What it was: A mid-1960s initiative using HYV seeds, fertilizers, and irrigation to boost food production.
- Positive: India became self-sufficient in food grains.
- Negative: Increased regional disparities (benefited only Punjab/Haryana) and class gaps (favored rich farmers).

#### Day 4: Non-Alignment & NPT

- NAM: Staying independent of the US and USSR Cold War blocs to maintain foreign policy freedom.
- NPT Refusal: India called it discriminatory because it allowed pre-1967 nuclear states to keep weapons while banning others from developing them.

#### Day 5: The Syndicate & 1969 Split

- Syndicate: A powerful group of senior, conservative organizational leaders within Congress.
- The Split: A power struggle between the Syndicate and Indira Gandhi. It peaked in 1969 when Indira backed V.V. Giri for President against the official Congress candidate, splitting the party into Congress (O) and Congress (R).

### Week 2: Crisis, Regionalism & Modern Era

#### Day 6: 1975 Emergency Factors

- Economic: High inflation, food scarcity, and the 1974 nationwide Railway Strike.
- Political: Mass anti-corruption protests in Gujarat and Bihar (JP Movement).
- Trigger: The Allahabad High Court unseated Indira Gandhi for electoral malpractice.

#### Day 7: Punjab Crisis & Anandpur Sahib Resolution

- Resolution (1973): Akali Dal's demand for greater state autonomy and center-state redefinition.
- The Crisis: Escalating extremism led to militants occupying the Golden Temple, resulting in military action (Operation Blue Star, 1984) and Indira Gandhi's assassination.

#### Day 8: Five Developments Post-1989

- Decline of Congress: Shift from single-party rule to the Era of Coalitions.
- Mandal Issue: 27% job reservation for OBCs, reshaping caste politics.
- Economic Reforms: Launch of Liberalization, Privatization, and Globalization (LPG) in 1991.
- Ayodhya/Hindutva: Demolition of Babri Masjid (1992), rising debate on secularism.
- Rajiv Gandhi Assassination (1991): Led to a major leadership shift in the Congress party.

#### Day 9: Map Skill

- Operation Polo: Point to Hyderabad (Telangana).

- Anti-Foreigner Movement (1979-85): Point to Assam.

### Day 10: Revision

- History: Make a file of the map work of all the chapters which are completed.

## Computer Science (083)

### Unit 2 — Computer Networks

#### General Instructions for Students:

- All network topology and transmission media diagrams must be drawn neat and clean.
- This is also your PT-2 Syllabus.
- Do all the work in your Calss work notebook.

#### Day 1: June 22 | Evolution of Networking

Focus: How the internet started and the fundamental building blocks of communication.

Syllabus Reference: Evolution of networking: introduction to computer networks, evolution of networking (ARPANET, NSFNET, INTERNET)

#### Homework Questions:

1. What is the historical significance of ARPANET in the evolution of modern internets?
2. Expand the terms ARPANET and NSFNET.
3. Identify the main limitation of NSFNET that ultimately led to the creation of the commercialized Internet.

#### Day 2: June 23 | Data Communication Terminologies

Focus: Basic components of data transfer and measuring capacity.

Syllabus Reference: Data communication terminologies: concept of communication, components of data communication (sender, receiver, message, communication media, protocols), measuring capacity of communication media (bandwidth, data transfer rate)

#### Homework Questions:

1. Differentiate between a message and a protocol in data communication.
2. Define Bandwidth. How does it differ from Data Transfer Rate?
3. Convert 4 \text{ Mbps} (Megabits per second) into \text{Kbps} (Kilobits per second).

#### Day 3: June 24 | Switching Techniques & IP Addressing

Focus: How data travels across a network and how devices are identified.

Syllabus Reference: IP address, switching techniques (Circuit switching, Packet switching)

#### Homework Questions:

1. Explain the core difference between Circuit Switching and Packet Switching. Which technique does the modern Internet use?
2. What is an IP Address? Why must every device on a network have a unique IP address?
3. In packet switching, why are data packets reassembled only at the receiver's end instead of during transit?

#### Day 4: June 25 | Transmission Media (Wired & Wireless)

Focus: The physical and wireless paths that data takes to travel.

Syllabus Reference: Transmission media: Wired communication media (Twisted pair cable, Co-axial cable, Fiber-optic cable), Wireless media (Radio waves, Micro waves, Infrared waves)

### **Homework Questions:**

1. Why are Fiber-optic cables immune to electromagnetic interference (EMI) compared to coaxial or twisted-pair cables?
2. Which wireless transmission medium is ideal for:  
A TV remote control operating in a single room?  
Long-distance, line-of-sight communication between hills?
3. Give one specific advantage and one disadvantage of a Twisted Pair Cable.

### **Day 5: June 26 | Network Devices**

Focus: The hardware components that connect computers and networks.

Syllabus Reference: Network devices (Modem, Ethernet card, RJ45, Repeater, Hub, Switch, Router, Gateway, WIFI card)

### **Homework Questions:**

1. Differentiate between a Hub and a Switch. Why is a switch often referred to as an "intelligent hub"?
2. What is the distinct operational purpose of a Gateway when connecting networks?
3. When and why would a network engineer install a Repeater in a local area network?

### **Day 6: June 27 | Network Types and Topologies**

Focus: Geographic scale of networks and geometric layouts.

Syllabus Reference: Network topologies and Network types: types of networks (PAN, LAN, MAN, WAN), networking topologies (Bus, Star, Tree)

### **Homework Questions:**

1. Arrange the following network types in increasing order of their geographical area coverage: LAN, WAN, PAN, MAN.
2. Draw a neat architectural diagram of a Star Topology. List one major advantage of using this layout.
3. If the central backbone cable fails in a Bus Topology, what happens to the communication between the remaining nodes?

### **Day 7: June 28 | Network Protocols**

Focus: The standard rules governing web data exchange, mail systems, and remote login.

Syllabus Reference: Network protocol: HTTP, FTP, PPP, SMTP, TCP/IP, POP3, HTTPS, TELNET, VoIP

### **Homework Questions:**

1. What is the operational difference between HTTP and HTTPS? Why is the latter mandatory for banking and e-commerce websites?
2. Distinguish between the roles of SMTP and POP3 in managing email communications.
3. What does VoIP stand for? Give one real-world application or software that relies on it.

### **Day 8: June 29 | Introduction to Web Services**

Focus: How information is structured, located, and hosted on the web.

Syllabus Reference: Introduction to web services: WWW, Hyper Text Markup Language (HTML), Extensible Markup Language (XML), domain names, URL, website, web browser, web servers, web hosting

### **Homework Questions:**

1. Differentiate between HTML and XML based on their core purpose and tag structure.
2. Break down the following Uniform Resource Locator (URL) into its components (Protocol, Domain Name, and File Path):

[<https://www.cbse.gov.in/cnd/index.html>](<https://www.cbse.gov.in/cnd/index.html>)

3. Clearly explain the relationship between a Web Server and Web Hosting.

### ★ Words of Inspiration

"The computer was born to solve problems that did not exist before." — Bill Gates

## Physical Education

### Project Work (Any One Game)

Choose any one game of your choice and prepare a project file on the following topics:

(Examples of Games: Cricket, Football, Hockey, Volleyball, Basketball, Kabaddi, Kho-Kho, Badminton, Tennis, Table Tennis, Handball, Athletics, etc.)

1. Introduction of the Game
2. History and Origin of the Game
3. Playing Area/Court Diagram and Equipment Used in the Game
4. Number of Players and Basic Rules and Regulations
5. Fundamental Skills and Techniques
6. Officials and Their Duties
7. National and International Tournaments
8. Awards Related to the Game
9. Famous Indian and International Players
10. Latest Developments in the Game



### Instructions

1. Prepare the project neatly in a **project file** using clear and legible handwriting.
2. Draw and **properly label** the playing area/court related to the selected game or sport.
3. Paste **relevant and well-labeled pictures** to enhance the presentation of the project.
4. Use **colored headings, subheadings, and proper formatting** to make the project attractive and organized.
5. The project should be **15–20 pages long**, excluding the cover page and index.
6. Ensure that all information is **accurate, well-organized, and presented neatly**.

## Painting

### Note Making

The Deccani School of Painting

Prepare handwritten notes on the Deccani School of Painting covering the following points:

- Introduction and Origin
- Historical Background
- Important Centres:

- Ahmadnagar
- Bijapur
- Golconda
- Major Features and Characteristics
- Influence of Persian and Indian Art
- Important Patrons and Artists
- Famous Paintings and Manuscripts
- Contribution to Indian Art



-Conclusion

Instructions:

- Write the notes in your Fine Arts notebook.
- Include relevant illustrations or sketches.
- Use headings and sub-headings.

### Short Answer Questions

1. What is meant by Deccani Painting?
2. Mention any two characteristics of the Deccani School of Painting.
3. Name any two important centers of Deccani Painting.
4. Write two features of the Ahmadnagar School.
5. Why is the Golconda School important?

### Long Answer Questions

1. Explain the major characteristics of the Deccani School of Painting.
2. Describe the Bijapur School of Painting and its contributions.
3. Compare the Ahmadnagar and Golconda Schools of Painting.

### HOTS

#### Activity 1: Observation Study

- Observe any Deccani miniature painting and write:
- Colours used
- Costumes shown
- Background details
- Persian influences
- Attach a picture of the painting or draw a rough sketch.

#### Activity 2: Creative Work

- Draw a miniature painting inspired by the Deccani Style and colour it using bright colours.
- Suggested Themes:
- Royal Court Scene
- Music and Dance
- Prince and Princess
- Garden Scene
- Falcon or Myna Bird

### **Composition Work**

- Create an Original Composition on an A3 Sheet using Acrylic Colours.
- Instructions:
- Theme: Any creative composition (Nature, Festival, Village Life, Cultural Heritage, Music, etc.)
- Use proper colour harmony and balance.
- Create a decorative border around the composition.
- Maintain neatness and creativity.
- Use bold and bright colours.

