



MEDI-CAPS INTERNATIONAL SCHOOL

SUMMER ASSIGNMENTS (2026-27)

CLASS -XI

S. No.	Subject	ASSIGNMENTS
1.	English	Holiday Homework Q1. Poster Making A- You are the Head Boy/Head Girl of your school. After reading the chapter “We’re Not Afraid to Die... if We Can All Be Together”, you realise the importance of courage and teamwork in difficult times. Design a poster for the school notice board on the topic: “Courage Can Defeat Any Storm” Include: • Title • Slogans (at least 2) • Message in 3–4 points • Name of issuing authority B- Your school is organising a Disaster Management Awareness Campaign for students. Prepare a poster inviting students to participate. Include: • Date, time, venue • Key highlights • Instructions for students • Contact details • Catchy slogan Q 2. Classified Advertisement A- You have found a lost wallet in the school playground. Draft a classified advertisement for the Lost and Found column of a newspaper. Include: • Description of the wallet • Place and time found • Contact details • Proof of identity required B- Draft a classified advertisement for the sale of a second-hand scooter in good condition. Include: • Model/year • Condition and mileage • Expected price • Contact number Q 3. Fill in the blanks with correct tense forms of the verbs given in brackets. A- If the weather _____ (remain) calm, the journey will be safe. B- The captain _____ (check) the engine before the ship sailed.

		C-Hardly _____ the bell _____ (ring) when the students rushed out. D- By the time the teacher entered, the students _____ already _____ (complete) the test. E- She acted as if she _____ (know) everything about the matter. Q8. Rearrange the words to form meaningful sentences. 1- had / the / already / before / arrived / crew / the / repaired / damage 2- because / the / continued / sailors / brave / they / were / fighting 3- was / announced / it / that / the / voyage / successful / had been
2.	Physics	Investigatory project
3.	Chemistry	Investigatory project 1. Checking the bacterial contamination in drinking water by testing sulphide ion. 2. Study of methods of purification of water. 3. Testing the hardness presence of iron, fluoride, chloride etc. depending upon regional variations in drinking water and study of cause of presence of these ions above permissible limit (If any). 4. Investigation of the foaming capacity of different washing soap and the effects of addition of Sodium carbonate on it. 5. Study the acidity of different samples of tea leaves. 6. Determination of the rate of evaporation of different liquids. 7. Study the effects of acids and bases on the tensile strength of fibers. 8. Study of acidity of fruit and vegetable juices.
4.	Maths	Maths Practical File- To represent the set theory operations using Venn diagram To identify a relation and a function To interpret geometrically the meaning of iota To construct a Pascal's triangle and to write Binomial expansion for a given positive integral To construct different types of conic sections To explain the concept of octants by three mutually perpendicular planes Verification of the geometrical significance of derivative. To write a sample space when a die is rolled once, twice , thrice.
5.	Biology	Investigatory project practice file completion
6.	Accountancy	Numerical of accounting equation (TS grewal)
7.	Business Studies	Students must take any ONE TOPIC out of given Four topic 1. Field visit 2. Case study on a product 3. Aids to trade 4. Import export procedure
8.	Economics	All the graphs of chapter 1 to 4

9.	Pol. Science	CBSE PROJECT SUGGESTIVE TOPICS FOR PROJECTS - CLASS XI 1. Making of the Constitution. 2. Elections in India. 3. Working of the Indian Judiciary System. 4. Social Justice: Are ethics followed in Indian Politics 5. Human Rights Act and its gratification in India. 6. Political impact on Indian Legislation.
10.	History	CBSE PROJECT SUGGESTIVE TOPICS FOR PROJECTS - CLASS XI 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.	Applied Maths	Practicals 1. Visualizing Functions and Their Properties: Plotting graphs of functions to observe how coefficients change the graph's shape and to find out their domain and range graphically. 2. Understanding Derivatives: Constructing a tangent line to a curve observing its slope as the point moves and demonstrating the derivative as the instantaneous rate of change. 3. Personal Budgeting: Designing a comprehensive monthly budget tracker in a spreadsheet to manage income and expenditures using summation and percentage formulas. 4. Comparative Cost-Benefit Analysis: Building a decision-making model to identify the most economical purchase for a high-value product by comparing cost, shipping charges, tax and other hidden costs. 5. Descriptive Measures of Data: Using spreadsheet functions (e.g., AVERAGE,STDEV.P etc.) to compute the mean, median, mode, variance, and standard deviation of a raw dataset.
12.	Yoga	Practical Manual- Practical 1- Write Surya Namaskar including its 12 steps (with names, procedure, and mantras), benefits, contraindications, and neat labeled diagrams of each step.
13.	P.E.	Practical Manual - Practical 1- SAI KHELO INDIA FITNESS TEST
14.	I.P.	Short Answer Questions 1. Write any four examples of system software 2. Write any four examples of application software 3. Name any two operating

		4.What is the role of an operating system? Difference Between 1.System Software and Application Software 2.Open Source and Proprietary Software 3.Freeware and Sharewaresystems Project Work (Any One) 1.Role of Operating System in Computer 2.Types of Software Used in Daily Life 3. Importance of Open Source Software
15.	E.Ship	solve case study 1, case study 2 of chapter 1.
16.	Personality development	Entrepreneur Interview Video Objective Learn about entrepreneurship through a real-life interaction. Task: * Interview a local entrepreneur (shop owner, business owner, freelancer, etc.). * Record a video (3–5 minutes) of the interaction. Include Questions On: * Their journey * Challenges faced * Skills required * Advice for students Guidelines: * Take permission before recording * Ensure clear audio and video * Be respectful and professional Submission * Send the video on WhatsApp to your class teacher * Submit a formal written (physical) report based on the interview

Note for Class XI Summer Assignment

Students are hereby informed that for all subjects where the summer assignment is project-based, they are required to prepare a video presentation of their work. The video should clearly demonstrate the concept, process, and outcomes of the project.

Students must share their videos with their respective subject teachers within the stipulated time. Evaluation and grading will also be based on the quality, creativity, and presentation of these video submissions.

Ensure that the videos are clear, well-structured, and reflect your individual understanding and effort.

