

**DALY COLLEGE, INDORE**  
**ANNUAL EXAM CLASS IX CI SYLLABUS**  
**MARCH–2024**

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**1. ENGLISH**

**Paper 1-** Reading Comprehension  
Summary  
Writer's Effect  
Article/ Interview/ Report/Journal

**Paper 2** -Directed Writing and Composition  
Letter/ Speech  
Narrative/ Descriptive  
Literature:  
The Invisible Man  
Keeping Quiet

**2.ECONOMICS**

Section 1 (Ch 1 to Ch 4)  
Section 2 (Ch 5 to Ch 15)  
Section 3 (Ch 16 to Ch 23)

**3. PHYSICS**

1 Motion, forces and energy

- 1.1 Physical quantities and measurement techniques.
- 1.2 Motion
- 1.3 Mass & weight
- 1.4 Density
- 1.5 Forces
- 1.6 Momentum
- 1.7 Energy, work & power
- 1.8 Pressure

2 Thermal physics

- 2.1 Kinetic particle model of matter
- 2.2 Thermal properties and temperature
- 2.3 Transfer of thermal energy

3 Waves

- 3.1 General properties of waves
- 3.2 Light
- 3.3 Electromagnetic spectrum
- 3.4 Sound

**4.CHEMISTRY**

- Unit 1** Particle theory
- Unit 2** Separating substances
- Unit 3** Atoms, elements and compounds
- Unit 4** Structure and bonding
- Unit 5** Formulae and equations
- Unit 6** Chemical Calculations
- Unit 7** Electricity and Chemistry
- Unit 8** Chemical energetic
- Unit 9** Rates of reaction
- Unit 11** Acids and Bases
- Unit 13** The Periodic Table
- Unit 18** Organic Chemistry and petrochemicals
- Unit 19** Some homologous series of organic compounds

**5. MATHEMATICS**

- 1. Numbers 1
- 2. Algebra 1
- 3. Number 2
- 4. Trigonometry 1
- 5. Mensuration
- 6. Algebra 2
- 7. Geometry
- 8. Algebra 3
- 9. Graphs
- 10. Trigonometry 2

## **6. BIOLOGY**

Ch2- cells  
Ch3- Movement in and out of cells  
Ch4- Biological Molecules  
Ch5 - Enzymes  
Ch6- Plant nutrition  
Ch7- Human Nutrition  
Ch8- Transport in Plants  
Ch9- Transport in Mammals  
Ch10- Disease and Immunity  
Ch11- Respiration and gas Exchange  
Ch13 - Excretion and Homeostasis

## **7. COMPUTER SCIENCE**

Ch-1 Data Representation  
Ch-2 Data Transmission  
Ch-7 Algorithm design and problem solving  
Ch-9 Databases  
Ch-10 Boolean Logic

## **8. FRENCH**

Vocabulaire unité 7-10  
Compréhension écrite  
Production écrite  
Compréhension orale  
Production orale

## **9. HINDI**

भाषा अनुराग

दिल है हिंदुस्तानी,  
राजकुमारी अमृत कौर,  
भारत की संस्कृति से प्रभावित गोतो सान,  
प्राकृतिक पदार्थों की बढ़ती लोकप्रियता,  
मोबाइल फोन से दूर रहने के लिए कैम्प,  
गोल्डन चैरियट : दक्षिण भारत की लग्जरी  
ट्रेन,  
निजामों का प्रिय शहर : हैदराबाद  
माया के इशारे पर न्यूयॉर्क में चलती टैक्सियां  
नादिया के साथ रसोई में  
वक्त से कहना ज़रा वो ठहर जाए वहीं

साहित्य

वहा मत ब्याहना बाबा  
हँसी की लड़ाई

व्याकरण

विलोम शब्द  
अनेकार्थी शब्द  
वाद विवाद

वाक्यांश के लिए एक शब्द  
समश्रुति भिन्नार्थक शब्द  
प्रपत्र भरना  
मुहावरे: अर्थ एवम् वाक्य प्रयोग  
पत्र लेखन  
ई मेल लेखन  
अपठित गद्यांश

## **10 GEOGRAPHY**

### **Theme 1**

Population  
Migration  
Settlement

### **Theme 2**

Earthquake  
Volcano  
River processes  
Tropical Rainforest  
Weather and Weather instruments  
(Anemometer, Wind Vane, Rain Gauge)

### **Theme 3**

Food production  
Tourism

### **Geographical Map Skills**

## **11. ARTS**

A total of **five prepsheets** with all the finishing, photographs, and annotations need to be submitted at the beginning of the annual exam. The sixth prepsheet will be done at the time of the eight-hour examination and needs to be submitted at the end of the eight-hour exam with all the finishing, photographs, and annotations.