



**Dawood Public School**  
**O levels Section**  
**Syllabus For second Monthly Test 2025-26**  
**Class IX**

**English Language:**

- Comprehension: Text A (explicit, implicit, own words, writer's craft questions)
- Directed Writing: Letter Writing

**Urdu:** خطوط غالب-مضمون نویسی-اقتباس-تفہیم

**Urdu B :**

- Translation
- Sentence formation
- Email writing
- Multiple matching
- Short Answer questions

**Mathematics:**

**Cambridge IGCSE:**

- Surds, Chapter 8 and Chapter 10.

**EDEXCEL:**

- Chapter Number from unit 6, 7, 8, 9, 10.

**Biology:**

- Transport in plants
- Transport in animals

**Chemistry**

- **Atoms, elements and compounds**
  - 2.4 Ions and ionic bonds
  - 2.5 Simple molecules and covalent bonds
- **Stoichiometry**
  - 3.1 Formulae
  - 3.2 Relative masses of atoms and molecules
  - 3.3 The mole and the Avogadro constant

**Physics:**

- Pressure
- Work, Energy and Power
- Kinematic Molecular Theory

**History:**

- Pakistan Movement; 1946-1947. ( 1946 Elections, Cabinet Mission Plan, Direct Action Day, 3rd June Plan, Indian Independence Act )
- Partition Problems; 1947-1950
- Governor Generalship of Quaid-e-Azam

- Indo-Pak relations

### **Geography:**

- Chapter Water Resources

### **Islamiyat:**

1. Quran passages
2. Surah Kauther
3. Surah Baqarah 30-37
4. Surah Al Anaam 75-79
5. Quran as Legal thinking
6. Hadith as legal thinking .
7. The life of the Prophet (PBUH) in Makkah ( 7<sup>th</sup> year of Prophethood till migration to Madina)
8. Life of prophet (PBUH) in Madinah 1<sup>st</sup> and 2<sup>nd</sup> year of hijra only.

### **Computer Science:**

- Chapter 2: Data transmission
- Chapter 7: Algorithm design and problem-solving (Conditional Statements : If and Case, Iteration : For Loop ; Flowchart and pseudocode for the mentioned programming concepts)
- Chapter 8: Programming concepts (Conditional Statements : If and Case, Iteration : For Loop ; program codes in python)

### **Accounting:**

- Chapter 5: Petty cashbook
- Chapter 6: Business Documents
- Chapter 7: Books of Prime Entry

### **Business:**

- Chapter6: Organisation and management
- Chapter 8: Motivating employees

### **Economics:**

- Market failure
- Mixed economic system

### **Global perspectives:**

- Component 12: Questions 1 till 3 as per CAIE format of the written exam component

### **Sociology:**

- Sources of data:
- Secondary evidence:
- Analysis, interpretation and evaluation of data from qualitative and quantitative sources:
- Sampling:
- Quantitative and qualitative primary research methods:
- Types of question:
- The theoretical and practical issues affecting research:
- Ethical issues affecting research:

### **World History:**

- 1848 Revolution in Italy and Germany
- Failures of the Revolution

## **English literature:**

### **Poetry:**

- Carpet Weaver, Morocco by Carol Rumens
- Cockroach, Kevin Halligan

## **Environmental management:**

### Chapter 2 Land

#### Topics included:

1. Soil Composition
2. Types of Soil
3. Farming method/ types of agriculture
4. Soil pH
5. Monoculture and Crop rotation
6. Fertilizers
7. Nutrients deficiency in plants

## **Food & nutrition:**

- Minerals, NSP, WATER soluble Vitamins(B&C)

## **Add math:**

- Factors of polynomials

## **Coordinated Science:**

### **Biology:**

- Plant nutrition
- Transport in plants

### **Chemistry:**

#### **Atoms, elements and compounds**

- ions and ionic bonding
- simple molecule and covalent bonds
- Giant covalent structures
- Metallic bonding

#### **Stoichiometry**

- Formulas.
- Relative masses of atoms and molecules.
- The mole and the Avogadro constant.

### **Physics (Coordinated Science)**

- Hooke's Law
- Turning Effect/Moment