



PORTION FOR ENTRANCE TEST
(2024-2025)

GRADE: VIII

ENGLISH:

1. Comprehension & Summary Writing
2. Compositions – Descriptive, Narrative (Person & Place Argumentative)
3. Letter Writing (Formal/Informal)

GRAMMAR:

1. Tenses (All)
2. Parts of Speech (All)
3. Preposition
4. Direct and Indirect Speech
5. Active and Passive Voice
6. Similes
7. Idioms

MATHS:

EQUATION

1. Solving equations, Brackets, Multiplication & Division of fractions. (Simplifications), Fractional equations.

RATIO

2. Simple ratio, compare ratio, Division in a given ratio and proportion.

GRAPHS OF DATA

3. Frequency tables and bar charts
Find mean, mode and median for the given discrete data.

PERCENTAGES

4. Meaning; One number as a percentage of another; Percentages, fractions and decimals.

VOLUME

5. Volume of Cuboids

INDICES

6. Positive & Negative Indices

CIRCLES

7. Circumference and area of a circle.

PHYSICS

1. Magnetism
2. Density and Pressure
3. Average Speed
4. Energy – its forms and conversions
5. Reflection of Light
6. Sound
7. Static Electricity
8. Electricity & its effects

<u>CHEMISTRY</u>	<ol style="list-style-type: none"> 1. Physical and Chemical changes 2. Elements, mixtures and compounds 3. Separation of mixtures (Getting pure substances) 4. Air 5. Atoms and molecules 6. Formulae and equations
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<u>BIOLOGY:</u>	<ol style="list-style-type: none"> 1. Cells and organisms 2. Circulatory system 3. Skeletal system 4. Diet and Digestion
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<u>I. C. T.</u>	<ol style="list-style-type: none"> 1. Software and its types 2. Input and Output Devices 3. Operating System 4. MS Excel 5. MS Word 6. Storage Devices 7. Computer Networks 8. Internet
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National Identity Syllabus

National Identity themes & elements: Culture (Arabic Language, History & Heritage), Values (Respect, Compassion & Global / Cultural Understanding), and Citizenship (National belonging, volunteering & conservation).

- **Understanding UAE Culture:** Explore Arabic language, history, heritage, and values such as respect, compassion, and cultural understanding.
- **Symbolism and Traditions:** Examine UAE symbols (national anthem, flag, etc.) and customs (coffee and dates, greetings, etc.).
- **Founding Fathers and Leadership:** Get familiar with the names of founding fathers, current rulers and crown princes. Explore the role of H.H. Sheikh Zayed and other founding fathers in the formation of the UAE, and learn about the current ruler's initiatives.
- **UAE Facts:** Discover geographical, historical, and cultural facts about the UAE.
- **Heritage and Landmarks:** Explore UAE's heritage buildings, ancient civilizations, and famous landmarks.