



مدرسة دبي كرمل

Dubai Carmel School

Entrance exam portion
Admission to Grade.11

Mathematics

- Number Facts and sequences
- Probability
- Ratio, proportion and percentages, simple and compound interest
- Angle properties -polygons
- Area and perimeter of 2-D shapes
- Surface area of 3-D shapes
- Equation of a straight line, gradient, mid-point, distance formula
- Volume of Cuboid, Cylinder, prisms, Sphere, Cone
- Pythagoras Theorem
- Trigonometry (to find sides/angles in any triangle), Bearings
- Expanding brackets and simplification
- Changing subject of a formula
- Factorising algebraic expressions
- Solving linear and quadratic equations
- Statistics – (Averages, statistical graphs)

ENGLISH

The Entrance Test for English would be comprised of the following two Sections:

SECTION A: **Reading**
SECTION B: **Writing**

Note:

- ✚ The English Entrance Test Paper would be of **1 hour**.
- ✚ The total number of marks for this paper is **50**.
- ✚ All the Exercises in both the Sections would be marked following the Cambridge Assessment International Education (**CAIE**) Marking Schemes.

SECTION A: Reading

The following skills of the candidate would be tested through the unseen Reading Comprehension passage / s:

- Skimming
- Scanning
- Making Connections
- Making inferences
- Reading for detail
- Critical Thinking

SECTION B: Writing

This section will test candidates' writing skills in the areas of:

1. Summary Writing
2. Note-making

3. Letter Writing (*Formal / Semi-formal/ Informal*)
4. Article Writing

Use of Language

There will be no separate testing of the grammatical items in the **Year 11**, but the prospective candidate is expected to have a **thorough** knowledge of the following topics in order to attempt the questions successfully in both the sections:

1. Sentence Structure

- Subject
- Verb
- Predicate
- Direct Object
- Indirect Object

2. Sentences (Simple/ Compound/ Complex)

3. Kinds / Types of Sentences (Declarative / Negative/ Interrogative/ Imperative/ Exclamatory)

4. Clauses (Main Clause/ Sub-Ordinate Clause)

5. Parts of Speech

- *Nouns*
- *Pronouns*
- *Adjectives*
- *Verbs*
- *Adverbs*
- *Prepositions*
- *Conjunctions*
- *Interjections*

6. Determiners (Definite and Indefinite Articles)

7. Relative Clauses

8. Tenses

9. Active / Passive Voices

10. Narration (Direct and Indirect Speech)

11. Prefixes and suffixes

12. Conditionals

13. Phrasal Verbs

14. Figures of Speech

15. Modal Verbs

- *Can*
- *Could*
- *May*
- *Might*
- *Must*
- *Shall*
- *Should*
- *Will*
- *Would*
- *Ought to*

16. Punctuation

- *Period / Full Stop*
- *Comma*
- *Question Mark*
- *Exclamation mark*
- *Apostrophe*
- *Quotation Mark/ Inverted Commas*
- *Colon*
- *Semicolon*
- *Hyphen*

Arabic

- فهم وإدراك المعنى العام للكلمات والتعابير خن خلال السياق.
- فهم تسلسل الأحداث والتسلسل الزمني في النص.
- إبراز الفكرة المركزية المصرح بها وغير المصرح بها.
- التمييز بين جمل الرأي وجمل الحقيقة.
- إدراك العبرة والمغزى من النص.
- التعرف على نوع النص و أسلوبه.
- القدرة على إكمال الجمل مع المحافظة على المعنى الصحيح.

التعبير الأدبي:

القدرة على التعبير الكتابي الوظيفي والإبداعي..