SYLLABUS FOR HAVALDAR EDUCATION (SCIENCE)

1. **Pattern.**

<table>
<thead>
<tr>
<th>Ser No</th>
<th>Subject</th>
<th>Questions</th>
<th>Marks</th>
<th>Pass Marks</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a)</td>
<td><strong>Paper-1</strong>: General Knowledge &amp; English</td>
<td>50</td>
<td>50</td>
<td>20 in each Paper</td>
<td></td>
</tr>
<tr>
<td>(b)</td>
<td><strong>Paper-2</strong>&lt;br&gt;Maths&lt;br&gt;Physics&lt;br&gt;Biology&lt;br&gt;Chemistry&lt;br&gt;Computer Science</td>
<td>50</td>
<td>50</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. **Syllabus.**

(a) **General Knowledge**: The test will include questions relating to India and its neighboring countries especially pertaining to History, Culture, Geography and who’s who. In addition Abbreviations, Sports, Awards and Prizes, Terminology, Indian Armed Forces, Continents and Sub Continents, Inventions and Discoveries, The Constitution of India, International Organizations, Books and Authors, Knowledge of Important events that have happened in India and at world level in the recent years, Current important world events, Prominent personalities etc.

(b) **English**.

   (i) Comprehension.
   (ii) **Parts of Speech**.
        (aa) Article.
        (ab) Noun and Pronoun.
        (ac) Adjective.
        (ad) Preposition.
        (ae) Conjunction and models.
   (iii) Verbs
   (iv) **Tenses**.
        (aa) Present/past forms.
        (ab) Simple/continuous form.
        (ac) Prefect forms.
        (ad) Future time reference.
   (v) Sentence Structure
   (vi) **Type of Sentences**.
        (aa) Affirmative/interrogative sentences.
        (ab) Use of Phrases.
        (ac) Direct and Indirect speech.
        (ad) Active and Passive Voice.
   (vii) **Other Areas**.
        (aa) Idioms and Phrases.
        (ab) Synonyms and antonyms.
        (ac) One word substitution.
(c) **Mathematics.**

(i) Algebra.
(ii) Matrices & Determinants.
(iii) Analytical Geometry.
(iv) Trigonometry.
(v) Integral Calculus.
(vi) Differential Calculus.
(vii) Probability and Statistics.
(viii) Number Systems
(ix) Fundamental arithmetical operations
(x) Mensuration
(xi) Area, Volume and Surface Area


(g) **Computer**: Computer System, Concept of Memory, Input / Output Devices, Basic concept of an Operating System and its functions, Introduction to Windows, MS Word, MS Power Point, MS Excel.

**Note:** The above syllabus is not a comprehensive list of topics pertaining to the subject. Questions are designed to test the candidate's general awareness of the environment around him and its application to society. Questions are also designed to test knowledge of current events and such matters of everyday observation and experience as may be expected of an educated person. At times questions may be asked other than the above topics but definitely within the syllabus of CBSE.
SYLLABUS FOR HAVALDAR EDUCATION (ARTS)

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<th>Marks</th>
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<tbody>
<tr>
<td>(a)</td>
<td>Paper-1: General Knowledge &amp; English</td>
<td>50</td>
<td>50</td>
<td>20 in each Paper</td>
<td></td>
</tr>
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</table>
| (b)    | Paper-2 | Maths
History
Geography
Political Science
Economics | 50 | 50 | |

2. **Syllabus.**

(a)  **General Knowledge**: The test will include questions relating to India and its neighboring countries especially pertaining to History, Culture, Geography and who’s who. In addition Abbreviations, Sports, Awards and Prizes, Terminology, Indian Armed Forces, Continents and Sub Continents, Inventions and Discoveries, The Constitution of India, International Organizations, Books and Authors, Knowledge of Important events that have happened in India and at world level in the recent years, Current important world events, Prominent personalities etc.

(b)  **English.**

(i) Comprehension.

(ii) **Parts of Speech.**

(aa) Article.
(ab) Noun and Pronoun.
(ac) Adjective.
(ad) Preposition.
(ae) Conjunction and models.

(iii) Verbs

(iv) **Tenses.**

(aa) Present/past forms.
(ab) Simple/continuous form.
(ac) Prefect forms.
(ad) future time reference.

(v) Sentence Structure

(vi) **Type of Sentences.**

(aa) Affirmative/interrogative sentences.
(ab) Use of Phrases.
(ac) Direct and Indirect speech.
(ad) Active and Passive Voice.

(vii) **Other Areas.**

(aa) Idioms and Phrases.
(ab) Synonyms and antonyms.
(ac) One word substitution.
(c) **Mathematics**.

(i) Algebra.
(ii) Matrices & Determinants.
(iii) Analytical Geometry.
(iv) Trigonometry.
(v) Number Systems
(vi) Fundamental arithmetical operations
(vii) Mensuration
(viii) Area, Volume and Surface Area

(d) **History**: All aspects of Indian History from Ancient to Modern, Indian Freedom Struggle, Post Independence issues of consolidation and reorganization of the nation, World History including World War–I, Industrial Revolution, Colonization, decolonization and neo colonization, World War–II, Economic depression, emergence of new political philosophies – communism, capitalism and socialism.


(f) **Political Science**: Political Theory and Thought, Indian Government and Politics, Public Administration, International Relation, Political Development and modernization, Power and Authority, Theory of International Relation, International Law and UN, Indian Foreign Policy, Ideology Power and Interest.

(g) **Economics**: Basic concepts of economics, macro and micro economic policy, micro macro balance, impact of economic policies, development versus growth, determinant of growth and development, India’s ranking in the various indices, poverty and its eradication programmes,, All Demographics issues and aspects, All aspects of Fiscal policy.

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