**MAHARASHTRA SSC SYLLABUS**

| **Subjects** | **List of Chapters** | |
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| **Mathematics+ General Mathematics** | 1. Arithmetic progression | 7. Circle |
| 2. Quadratic equations | 8. Co-ordinate geometry |
| 3. Linear equations in two variables | 9. Geometric constructions |
| 4. Probability | 10. Trigonometry |
| 5. Statistics | 11. Mensuration |
| 6. Similarity | - |
| 1. Arithmetic | 4. Geometry |
| 2. Commercial Mathematics | 5. Constructions |
| 3. Algebra | 6. Statistics |
| **Science (Theory + Practical)** | 1. Materials | 6. To determine the equivalent resistance of two resistors when connected in series. |
| 2. The World of the Living | 7.  To determine the equivalent resistance of two resistors when connected in parallel. |
| 3. Moving things. People and Ideas | 8. To prepare a temporary mount of a leaf peel to show stomata. |
| 4. Natural Phenomena | 9. To show experimentally that light is necessary for photosynthesis. |
| 5. Pollution | 10. To show experimentally that carbon dioxide is given out during respiration. |
| 1. To find the pH of the following samples by using pH paper universal indicator. | 11. To study (a) binary fission in Amoeba and (b) budding in yeast with the help of prepared slides. |
| 2.  To study, the properties of acids and bases HCl & NaOH by their reaction | 12. To determine the percentage of water absorbed by raisins. |
| 3. To determine the focal length of a) Concave mirror  b) Convex lens by obtaining the image of a distant object. | 13. To perform and observe some reactions and classify. |
| 4. To trace the path of a ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result. | 14. a) To observe the action of Zn, Fe, Cu and Al metals on the following salt solutions. i) ZnS04 (aq.) ii) FeS04 (aq.) iii) CuS04 (aq.) iv) Al2(S0)3 (aq.) b) Arrange Zn, Fe, Cu and Al metals in the decreasing order of reactivity based on the above result. |
| 5. To study the dependence of current (I) on the potential difference (V) across a resistor and determine its resistance. Also, plot a graph between V and I | 15. To study the following properties of acetic acid (ethanoic acid): i) odour ii) solubility in water iii) effect on litmus iv) reaction with sodium bicarbonate |
| **Social Sciences (History+Political Science+Geography+ Economics)** | 1. Imperialism | 12. Peninsular Plateau Region |
| 2. Twentieth-century – age of conflict | 13. Western Ghats and Eastern Ghats |
| 3. Emancipation of Asia and Africa | 14. Coastal Region |
| 4. World after World War II | 15. Indian Islands |
| 5. Democracy | 16. Practical |
| 6. Political Parties and types | 17. Introduction of an economy |
| 7. Social Diversity and Democracy | 18. Basic problems of an economy solution |
| 8. Challenges to Democracy | 19. Inflation |
| 9. Physical divisions of India | 20. Public distribution system & consumer protection |
| 10. North Indian Mountains | - |

**English**

| **Topic** | **Detailed Syllabus** |
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| Prose | 64 pages of literary and non-literary (informative) text (excluding notes, illustrations, tasks, etc.) |
| Poetry | About 250 lines. Non-detailed study:  A selection of literary texts (short stories, one-act plays) |
| Revision of grammar | Revision of grammatical items studied up to class 8th |
| Different kinds of sentences | Simple, compound, complex |
| Different kinds of clauses | Principal, co-ordinate, sub-ordinate |
| The tenses | a) Continuous - i) Present perfect ii) Present perfect iii) Past perfect iv) Future with will/shall and ‘going to’  b) Continuous sequence of tenses |
| Articles | a, an, the (advanced level) |
| Prepositions | Different uses |
| Word formation | Nouns/Adjectives/Verbs/Adverbs |
| Voice transformation | Statements, questions, negatives, indirect object |
| Question formation | Tag questions |
| Reported speech | Statements, questions, commands, requests, exclamation |
| Punctuation | Usage |
| Non-finites | Infinitives, gerunds, participles |
| Modal auxiliaries | Uses of ‘can’, ‘may’, ‘might’, etc |
| Conditionals | Unreal conditions in the present/past possible conditions in the future |