



# DR. RIZVI SPRINGFIELD SCHOOL

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## SYLLABUS (2018-19)

### CLASS: XII-A

|        | QUARTERLY   | HALF YEARLY EXAM  | PRE-BAORD (whole syllabus)  |
|--------|---|---|---|
| ENG    | 1.The last lesson<br>2. the lost spring<br>3. my mother at sixty-six<br>4. The Tiger king<br>5. writing skill   | 1. Deep water<br>2. The rattrap<br>3. An elementary school<br>4. A thing of beauty<br>5. the enemy<br>6. Should Wizard hit mommy<br>7. Novel part-i   | 1.Indigo<br>2. Aunts Jennifer's tigers<br>3. on the face of it<br>4. Evans tries O Level<br>5. Memories of childhood<br>5. Novel-ii<br>Whole syllabus   |
| HIN    | आत्म परिचय<br>दिन जल्दी<br>पतंग<br>कविता के बहाने<br>बात सीधी.....३<br>जन संचार माध्यम<br>पत्रकारीय लेखन<br>आलेख<br>फीचर                              | कैमरे में बन्द अपाहिज<br>सहर्ष स्वीकारा<br>सिल्वर वैडिंग<br>उशा<br>कवितावली<br>लक्ष्मण मूर्छा और राम का विलाप<br>जूझ<br>रूबाइयों<br>छोटा मेरा खेत<br>बगुले के पंख   | भक्तिन<br>बाजार दर्शन<br>काली मेघा पानी दे<br>अतीत मे दबे पॉव<br>पहलवान की ढोलक<br>चार्ली चैप्लिन<br>नमक<br>शिरीश के फूल<br>श्रम विभाजन<br>डायरी के पन्ने   |
| HIN    | जनसंचारमाध्यम और पत्रकारिता<br>के वववववध आयाम   | फीचर ररपोिि<br>आलेिलेिन   | ननबीधववककपसहहत<br>कायािलयपत्रववककपसहहत<br>Whole syllabus  |
| IP     | Introduction to Computer Systems  | Introduction To Programming   | Relational Database Management System<br>IT Applications<br>Whole syllabus  |
| PH.ED. | 1-Planning in Sports<br>2-Sports & Nutrition<br>3-Physical Education & Sports for CWSN (Children With Special Needs - Divyang)<br>4-Children & Sports | 1-Planning in Sports<br>2-Sports & Nutrition<br>3-Physical Education & Sports for CWSN (Children With Special Needs - Divyang)<br>4-Children & Sports<br>5-Women & Sports<br>6-Yoga & Lifestyle<br>7-Test & Measurement in Sports | 1-Planning in Sports<br>2-Sports & Nutrition<br>3-Physical Education & Sports for CWSN (Children With Special Needs - Divyang)<br>4-Children & Sports<br>5-Women & Sports<br>6-Yoga & Lifestyle<br>7-Test & Measurement in Sports<br>8-Physiology & Sports<br>9-Sports Medicine<br>10-Kinesiology, Biomechanics & Sports<br>11-Psychology & Sports<br>12-Training in Sports |

|       |   |   |   |
|-------|---|---|---|
| MATHS | <p>1. Relations and Functions</p> <p>2. <b>Inverse Trigonometric Functions</b></p> <p>3. <b>Matrices</b></p> <p>4. <b>Determinants</b></p>  | <p>5. <b>Continuity and Differentiability</b></p> <p>6. <b>Applications of Derivatives</b></p> <p>7. <b>Integrals</b></p> <p>8. <b>Applications of the Integrals</b></p> <p>9. <b>Differential Equations</b></p>                                  | <p>10. <b>Vectors</b></p> <p>11. <b>Three - dimensional Geometry</b></p> <p>12. <b>Linear Programming</b></p> <p>13. <b>Probability</b></p> <p>Whole syllabus</p>   |
| PHY   | <p>1. Electric charges and fields.</p> <p>2. Electrostatic potential &amp; capacitance</p> <p>3. Current electricity.</p> <p>4. Moving charge and magnetism.</p> <p>5. Atoms.</p>   | <p>6. Magnetism &amp; matter.</p> <p>7. Electromagnetic induction.</p> <p>8. Alternating current.</p> <p>9. <b>Electromagnetic waves</b></p> <p>10. <b>Nuclei</b></p>   | <p>11. <b>Ray Optics</b></p> <p>12. <b>Wave Optics</b></p> <p>13. Dual Nature of Radiation and Matter</p> <p>14. Semiconductor</p> <p>15. Semiconductor</p> <p>Whole syllabus</p>   |
| CHE   | <p>1. <b>Solid State &amp; solution</b></p> <p>2. <b>Electrochemistry</b></p> <p>3. <b>Chemical Kinetics</b></p>  | <p>4. <b>Surface Chemistry</b></p> <p>5. <b>General Principles and Processes of Isolation of Elements</b></p> <p>6. <b>p-Block Elements</b></p> <p>7. <b>Coordination Compounds</b></p>   | <p>8. <b>d -and f -Block Elements</b></p> <p>9. <b>Haloalkanes and Haloarenes</b></p> <p>10. <b>Alcohols, Phenols and Ethers</b></p> <p>11. <b>Aldehydes, Ketones and Carboxylic Acids</b></p> <p>12. <b>Organic Compounds containing Nitrogen</b></p> <p>13. <b>Biomolecules</b></p> <p>14. <b>Polymers</b></p> <p>15. <b>Chemistry in Everyday Life</b></p> <p>Whole syllabus</p> |
| BIO   | <p>1. <b>Reproduction in Organisms</b></p> <p>2. <b>Sexual Reproduction in Flowering Plants</b></p> <p>3. <b>Human Reproduction</b></p> <p>4. <b>Reproductive Health</b></p> <p>5. <b>Biodiversity and its Conservation</b></p> | <p>6. <b>Principles of Inheritance and Variation</b></p> <p>7. <b>Molecular Basis of Inheritance</b></p> <p>8. <b>Evolution</b></p> <p>9. <b>Biotechnology - Principles and processes</b></p> <p>10. <b>Biotechnology and its Application</b></p> | <p>11. <b>Human Health and Diseases</b></p> <p>12. <b>Strategies for Enhancement in Food Production</b></p> <p>13. <b>Microbes in Human Welfare</b></p> <p>14. <b>Organisms and Populations</b></p> <p>15. <b>Ecosystem</b></p> <p>16. <b>Environmental Issues</b></p> <p>Whole syllabus</p>  |