

PRINCE ACADEMY OF HIGHER EDUCATION

PRINCE OLYMPIAD SYLLABUS (40%) (2022-2023)

CLASS	MENTAL ABILITY	PHYSICS	CHEMISTRY
XI - SCIENCE	1. ALPHABET TEST 2. ALPHABET SERIES 3. NUMBER SERIES 4. MISSING NUMBER 5. SYMBOL AND NOTATION 6. CODING - DECODING 7. ANALOGY 8. CLASSIFICATION 9. BLOOD RELATION 10. DISTANCE AND DIRECTION 11. RANKING AND ORDER 12. DICE 13. CUBE AND CUBOID 14. CLOCK 15. CALENDAR 16. SYLLOGISM 17. SITTING ARRANGEMENT 18. COUNTING FIGURE 19. COMPLETION OF FIGURE 20. MIRROR AND WATER IMAGE	CH. 1. UNITS AND MEASUREMENTS CH. 2. MOTION IN A STRAIGHT LINE CH. 3. MOTION IN A PLANE CH. 4. LAWS OF MOTION CH. 5. WORK ENERGY AND POWER CH. 6. SYSTEM OF PARTICLES AND ROTATIONAL MOTION	CH. 1. SOME BASIC CONCEPTS OF CHEMISTRY CH. 2. STRUCTURE OF ATOM CH. 3. CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES CH. 4. CHEMICAL BONDING AND MOLECULAR STRUCTURE
XII - SCIENCE	1. ALPHABET TEST 2. ALPHABET SERIES 3. NUMBER SERIES 4. MISSING NUMBER 5. SYMBOL AND NOTATION 6. CODING - DECODING 7. ANALOGY 8. CLASSIFICATION 9. BLOOD RELATION 10. DISTANCE AND DIRECTION 11. RANKING AND ORDER 12. DICE 13. CUBE AND CUBOID 14. CLOCK 15. CALENDAR 16. SYLLOGISM 17. SITTING ARRANGEMENT 18. COUNTING FIGURE 19. COMPLETION OF FIGURE 20. MIRROR AND WATER IMAGE	Ch. 1. ELECTRIC CHARGES AND FIELDS Ch. 2. ELECTROSTATIC POTENTIAL AND CAPACITANCE Ch. 3. CURRENT ELECTRICITY Ch. 4. MOVING CHARGES AND MAGNETISM Ch. 5. MAGNETISM AND MATTER Ch. 6. ELECTROMAGNETIC INDUCTION	CH. 1. SOLUTIONS CH. 2. ELECTROCHEMISTRY CH. 3. CHEMICAL KINETICS CH. 4. D AND F BLOCK ELEMENTS