

ARMY PUBLIC SCHOOL MIRAN SAHIB

ANNUAL EXAMINATION SYLLABUS FOR CLASS- XI (2023-24)

SCIENCE STREAM

S.NO	SUBJECT	SYLLABUS
1	CHEMISTRY	UNIT I - SOME BASIC CONCEPTS OF CHEMISTRY UNIT II - STRUCTURE OF ATOM UNIT III - CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES UNIT IV - CHEMICAL BONDING AND MOLECULAR STRUCTURE UNIT V - CHEMICAL THERMODYNAMICS UNIT VI - EQUILIBRIUM UNIT VII - REDOX REACTIONS UNIT VIII - ORGANIC CHEMISTRY: SOME BASIC PRINCIPLES AND TECHNIQUES UNIT IX - HYDROCARBONS
2	PHYSICS	CH 2:- UNITS AND MEASUREMENTS CH 3:- MOTION IN A STRAIGHT LINE CH 4:- MOTION IN A PLANE CH 5:- LAWS OF MOTION CH 6:- WORK, ENERGY AND POWER CH 7 :- SYSTEM OF PARTICLES AND ROTATIONAL MOTION CH 8 :- GRAVITATION CH 9 :- MECHANICAL PROPERTIES OF SOLIDS CH 10 :- MECHANICAL PROPERTIES OF FLUIDS CH 11 :- THERMAL PROPERTIES OF MATTER CH 12 :- THERMODYNAMICS CH 13 :- KINETIC THEORY CH 14 :- OSCILLATIONS CH 15 :- WAVES
3	MATHEMATICS	CH. 1 SETS CH. 2 RELATIONS AND FUNCTIONS CH. 3 TRIGONOMETRIC FUNCTIONS CH. 4 COMPLEX NUMBERS AND QUADRATIC EQUATIONS CH. 5 LINEAR INEQUALITIES CH. 6 PERMUTATIONS AND COMBINATIONS CH. 7 BINOMIAL THEOREM CH. 8 SEQUENCES AND SERIES CH. 9 STRAIGHT LINES CH. 10 CONIC SECTIONS CH. 11 INTRODUCTION TO THREE DIMENSIONAL GEOMETRY CH. 12 LIMITS AND DERIVATIVES CH. 13 STATISTICS CH. 14 PROBABILITY
4	BIOLOGY	CH-1: THE LIVING WORLD CH-2: BIOLOGICAL CLASSIFICATION CH-3: PLANT KINGDOM CH-4: ANIMAL KINGDOM CH-5: MORPHOLOGY OF FLOWERING PLANTS CH-6: ANATOMY OF FLOWERING PLANTS CH-7: STRUCTURAL ORGANISATION IN ANIMALS CH-8: CELL-THE UNIT OF LIFE CH-9: BIOMOLECULES

		CH-10: CELL CYCLE AND CELL DIVISION CH-13: PHOTOSYNTHESIS IN HIGHER PLANTS CH-14: RESPIRATION IN PLANTS CH-15: PLANT - GROWTH AND DEVELOPMENT CH-17: BREATHING AND EXCHANGE OF GASES CH-18: BODY FLUIDS AND CIRCULATION CH-19: EXCRETORY PRODUCTS AND THEIR ELIMINATION CH-20: LOCOMOTION AND MOVEMENT CH-21: NEURAL CONTROL AND COORDINATION CH-22: CHEMICAL COORDINATION AND INTEGRATION
5	ENGLISH	1. DISCOVERING TUT: THE SAGA CONTINUES 2. THE ADVENTURE 3. THE LABURNUM TOP (POEM) 4. THE VOICE OF THE RAIN (POEM) 5. THE ADDRESS 6. SILK ROAD 7. CHILDHOOD (POEM) 8. MOTHER'S DAY 9. THE TALE OF MELON CITY (POEM) 10. FATHER TO SON (POEM) 11. BIRTH 12. NOTE MAKING 13. SPEECH 14. DEBATE 15. ADVERTISEMENTS 16. POSTER MAKING 17. GAP FILLING 18. JUMBLED SENTENCES
6	PHE	CH 1:- CHANGING TRENDS &. CAREERS IN PHYSICAL EDUCATION CH 2:- OLYMPISM VALUE EDUCATION CH 3:-YOGA CH 4:-PHYSICAL EDUCATION AND SPORTS FOR CWSN CH 5:- PHYSICAL FITNESS, WELLNESS AND LIFESTYLE CH 6:- TEST, MEASUREMENTS & EVALUATION CH 7 :- FUNDAMENTALS OF ANATOMY, PHYSIOLOGY IN SPORTS CH 8 :-FUNDAMENTALS OF KINESIOLOGY & BIOMECHANICS IN SPORTS CH 9 :- PSYCHOLOGY & SPORTS CH 10 :- TRAINING & DOPING IN SPORTS
7	COMP.SC	CH-1 COMPUTER SYSTEM CH-2 DATA REPRESENTATION AND BOOLEAN LOGIC CH-3 GETTING STARTED WITH PYTHON CH-4 PYTHON PROGRAMMING FUNDAMENTALS CH-5 CONDITIONAL AND LOOPING CONSTRUCTS CH-6 STRINGS IN PYTHON CH-7 LISTS IN PYTHON CH-8 TUPLES AND DICTIONARY CH-9 INTRODUCTION TO PYTHON MODULES CH-10 SOCIETY LAW AND ETHICS CH-11 CYBER SAFETY