

## XII Standard - Test Series-(2016-17)

SUB.	PART I	PART II	PART III	PART IV
<b>PHYSICS</b> <b>(35 MARKS)</b> <b>1.30 HRS</b>	1. Circular Motion 2. Gravitation 3. Rotational Motion 4. Oscillations 5. Elasticity	1. Surface Tension 2. Wave Motion 3. Stationary waves 4. Kinetic theory of gases and Radiation	1. Wave theory of light 2. Inteferece and diffraction 3. Electrostatics 4. Current Electricity 5. Magnetic effects of electric current 6. Magnetism	1. Electromagnetic inductions 2. Electrons and photons 3. Atoms, Molecules and Nuclei 4. Semiconductors 5.Communication Systems
<b>CHEMISTRY</b> <b>(35 MARKS)</b> <b>1.30 HRS</b>	1.Solid State 2. Solution and Colligative Properties 3. Chemical thermodynamics & Energetics 4. Electrochemistry	1. Chemical Kinetics 2. General Principles and process of isolation of element 3. p-block element	1. d and f Block element 2. Coordination chemistry 3. Halogen derivatives of alkanes and arenes 4. Alcohols, phenols and Ether 5. Aldehyde, Ketones and carboxylic acid	1. Compound contaning nitrogen 2. Biomolecules 3. Polymers 4. Chemistry in everyday life
<b>MATHEMATICS</b> <b>(40 MARKS)</b> <b>1.30 HRS</b>	1. Contunity 2. Differentiation 3. Application of Derivatives 4. Integration	1. Integration 2. Application of Definite Integral 3. Differential Equation	1. Probability distribution 2. Binomial distribution 3. Pair of Straight Lines 4. Linear Programming Problems	1. Mathematical Logic 2. Vector 3. 3 D, Line & Plane 4. Trigonometric functions
<b>ENGLISH</b> <b>(40 MARKS)</b> <b>1.30 HRS</b>	1. Unit I 2. Unit II 3. Unit III 4. Unit IV 5. Question 2-b Note Making (Information Transfer from verbal to non verbal ) 6. Rapid Reading - 1,2,3 a. Rewrite from the point of view b. Extend the paragraph 7. Grammar 8. Writing Skills Q 6 ( A ) Letters (Formal & Semi Formal ) Q 6 ( B ) Appeal, Report writing, dialogue writing, Developing News item.		1. Unit 5 2. Unit 6 3. Unit 7 4. Unit 8 5. Rapid Reading - 4,5 Continuous Write up Dialogue Writing 6. Grammar 7. Q 3 ( B ) - Summary Writing 8. Writing Skills Q 6 ( C ) - Counter Viewer and Information Transfer ( Non Verbal to Verbal ) Q 7 ( A ) - Preparing Interview Questions ( B ) - Writing Speech	

<p><b>EM 1</b> <b>(25 MARKS)</b> <b>1.30 HRS</b></p>	<p>1. Electrical Symbol 2. Circuit diagram and panel wiring diagram 3. Fuses 4. Conductors, gauge of conductor, insulator, semiconductor and high resistance heating elements. 5. Types of wires &amp; Wiring accessories 6. Wiring system.</p>	<p>1. House Wiring, indian electricity rules &amp; overhead lines. 2. Underground cables. 3. Illumination 4. Electrical appliances.</p>		
<p><b>EM 2</b> <b>(25 MARKS)</b> <b>1.30 HRS</b></p>	<p>1. Transformer 2. Single Phase motors. 3. Theory of rotating magnetic field &amp; 3 Phase induction motor</p>	<p>1. Measuring Instruments. 2. Electric heating 3. parallel operation of 3 Phase alternators 4. Synchronous motor.</p>		
<p><b>CS 1</b> <b>(25 MARKS)</b> <b>1.30 HRS</b></p>	<p>1. C++ 2. Data Structures</p>	<p>1. Operating System 2. HTML</p>		
<p><b>CS 2</b> <b>(25 MARKS)</b> <b>1.30 HRS</b></p>	<p>1. Organization OF 8085 microprocessor a) ALU b) Register Array c) Control Unit d) System Bus 2. Instructions &amp; Programs 3. Networking a) Characteristics of Transmission media b) Types of Wires 4. Introduction to X'86 Family</p>	<p>1. Organization of 8085 microprocessor a) Addressing modes b) Interrupts c) Stack pointer and program counter d) Generation of microprocessor 2. Instructions &amp; Programs 3. Networking a) Wireless Media b) Topologies c) Hub, Repeater, modem 4. Introduction to 8051 Microcontroller.</p>		
<p><b>PSYCHOLOGY</b> <b>(40 MARKS)</b> <b>1.30 HRS</b></p>	<p>1. Intelligence 2. Personality 3. Stress Management 4. Psychology Disorders &amp; Therapies</p>	<p>1. Attitude 2. Social Influence 3. Psychology &amp; Life 4. Developing Psychological Skills</p>		

<b>IT (40 MARKS) 1.30 HRS</b>	1.Web Publlion 2.Cyber Law And Ethics 3.E-Commerce	1.Java Script 2.ASP.Net 3.Database Concepts		
<b>BIOLOGY (35 MARKS) 1.30 HRS</b>	(BOTANY) 1. Genetic Basis of Inheritance. 2. Gene-Its nature ,expression and regulation. 3. Biotechnology :-process and application. 4. Enhancement in food production. 5. Microbes in Human welfare.	(BOTANY) 1. Photosynthesis 2. Respiration 3. Reproduction in plants 4. Organisms and Environment I	(ZOOLOGY) 1. Origin and Evolution of life. 2. Chromosomal basis of Inheritance. 3. Genetic Engineering and Genomics. 4. Human health and diseases. 5. Animal Husbandary	(ZOOLOGY) 1. Circulation 2. Excretion and osmoregulation 3. Control and co-ordination 4. Human Reproduction 5. Organisms and Environment II

### XII STD BOARD PRACTICE TEST TIME TABLE

SR.NO	DATE	DAY	SUBJECT	TIME
1	22-11-16	TUESDAY	PHYSICS(SET 1) ENGLISH(SET 1)	10.00-11.30 11.30-01.00
2	23-11-16	WEDNESDAY	CHEMISTRY(SET 1) EM 1/ CS1 (SET 1)	10.00-11.30 11.30-01.00
3	24-11-16	THURSDAY	MATHS(SET 1) PHYSICS( SET 2)	10.00-11.30 11.30-01.00
4	25-11-16	FRIDAY	PHYSICS(SET 2) ENGLISH(SET 2)	10.00-11.30 11.30-01.00
5	26-11-16	SATURDAY	CHEMISTRY(SET 2) EM 2/ CS 2 (SET 1)	10.00-11.30 11.30-01.00
6	28-11-16	MONDAY	MATHS(SET 2) EM 1/ CS1 (SET 2)	10.00-11.30 11.30-01.00
7	29-11-16	TUESDAY	PHYSICS(SET 3) MATHS(SET 3)	10.00-11.30 11.30-01.00
8	30-11-16	WEDNESDAY	CHEMISTRY(SET 3) EM 2/ CS 2 (SET 2)	10.00-11.30 11.30-01.00
9	01-12-16	THURSDAY	MATHS(SET 4) CHEMISTRY(SET 3)	10.00-11.30 11.30-01.00