



## Regular Program Course Planning (Class 7th)

Academic Session 2016-17

### PHYSICS

Course Name : Action

Course Commencement : 4<sup>th</sup> April 2016

Course Completion : Last Week of Jan'17

S.No	Topic Name	Total Lectures	Lecture No.	Sub Topic Name	No. of DPPs	Misc. DPP's
1	Measurement	4	L-1	Measurement, Physical quantities, Units, Systems of Measurements.	1	1
			L-2	Fundamental units in international system of units, Derived units in international system of units, S.I. prefixes.		
			L-3	Some special units, Scalar and vector.		
			L-4	DPP / module discussion		
2	Motion and Time	4	L-5	Rest, Motion, Types of motion, Distance, Displacement, Uniform & non-uniform motion, Speed.	1	
			L-6	Velocity, Acceleration, Force of Gravity, Application of force of Gravity, Spring Balance.		
			L-7	Simple pendulum, Measurement of Time, Distance - time graph.		
			L-8	DPP/ module discussion		
3	Heat	4	L-9	Heat, Temperature, Different Scales of Temperature, Thermometer, Clinical & Laboratory Thermometer. Role of Temperature in Transfer of Heat Energy.	1	1
			L-10	Units of heat energy, Specific heat capacity, Specific heat of water, Advantages of the high specific heat of water, Transfer of heat, Conduction.		
			L-11	Convection, Radiation, Thermos Flask		
			L-12	DPP/module discussion		
4	Sound	4	L-13	Sound Wave, Production of Sound, Propagation of sound, Nature of sound.	1	
			L-14	Characteristics of sound waves, Relation between frequency and time period, Reflection of Sound, Range of Hearing.		
			L-15	Echo, Speed of sound in different Medium, Effect of Temperature of the Speed of Sound.		
			L-16	DPP/module discussion		
5	Electrical Current and Its Effect	4	L-17	Electrical Circuits, Circuit diagrams and circuit symbols, Electric current, Classification of electrical circuit, Difference between cell and battery.	1	
			L-18	Effects of electric current, Heating and magnetic effect of electric current, Fuse, Chemical effect of electric current, Magnetic effect of current, Electromagnets Electric Bell.		
			L-19	Calculate the cost of electricity, Electrical cells, Danger of electricity, Safety measures in using electricity.		
			L-20	DPP/module discussion		
6	Light	5	L-21	Light, Sources of light, Medium of light, Rectilinear propagation of light, Behaviour of light at the interface of two media, Reflection of light.	2	1
			L-22	Mirror, Plane mirror, Spherical mirror, Properties of images for convex & concave mirror.		
			L-23	Refraction of light, Cause of Refraction, Effects of Refraction, Refraction through a glass slab.		
			L-24	Refraction through a prism, Spherical lenses, Properties of images for convex & concave lens.		
			L-25	DPP/module discussion		
7	Winds, Storms and Cyclones	3	L-26	Wind, Air pressure, Wind speed is accompanied by reduced air pressure, Expansion of air on heating, Wind currents.	1	1
			L-27	Thunderstorms and Cyclones, Precaution against thunderstorms, Destruction caused by Cyclone, Safety measure of cyclone, Wind energy.		
			L-28	DPP/module discussion.		
8	Universe	4	L-29	Stars, Big bang theory, Constellations, Planets, Comets, Meteors, Asteroids,	1	
			L-30	Satellite, Remote sensing.		
			L-31	Lunar eclipse, Solar eclipse.		
			L-32	DPP/module discussion.		



**Regular Program Course Planning (Class 7th)**  
**Academic Session 2016-17**  
**CHEMISTRY**

Course Name : Action

Course Commencement : 4<sup>th</sup> April 2016

Course Completion : Last Week of Jan.'17

S.No	Topic Name	Total Lectures	Lecture No.	Sub Topic Name	No. of DPPs	Misc. DPP's
1	General Chemistry	7	L-1	Introduction, Atom, Symbol, Dalton's Atomic Theory.	1	
			L-2	Merits & Demerits of Dalton's Atomic Theory, Modern atomic theory.		
			L-3	Atomic no., Mass no., Atomic mass, electronic configuration.		
			L-4	Valence shell and valence electrons, valency, variable valency.		
			L-5	How do atoms exist, ions, radicals.		
			L-6	Molecules, chemical formula, molecular mass.		
			L-7	Module DPP discussion.		
2	Fibre to Fabric	6	L-8	Introduction, Types of fibres-Natural fibres	1	
			L-9	Description of cotton		
			L-10	Natural Fibres-Description of Jute and wool.		
			L-11	Natural fibres -Description of silk.		
			L-12	Semi-synthetic and synthetic fibres.		
L-13	Module DPP discussion.					
3	Acids, Bases and Salts	10	L-14	Introduction, Acids-Definition, Classification of acids-on the basis of occurrence.	3	1
			L-15	Classification of acids-on the basis of strength and concentration.		
			L-16	Activity-To categories acids & bases by testing with litmus paper.		
			L-17	Classification of acids-on the basis of basicity, examples of some important acids and their uses.		
			L-18	Bases-Definition, alkalis, classification of bases.		
			L-19	Classification of bases (Continue), Some important bases and their uses, other uses of bases.		
			L-20	Indicators -Meaning, Significance, Types-Litmus, Phenolphthalein, Methyl orange.		
			L-21	Red Cabbage juice, Turmeric juice and china rose, Neutralisation.		
			L-22	Significance of neutralisation.		
L-23	Module DPP discussion.					
4	Physical and Chemical Changes	6	L-24	Introduction, Physical changes -Definition, characteristics and examples.	2	
			L-25	Chemical changes -Definition, characteristics and examples.		
			L-26	Activity CuSO <sub>4</sub> , Crystal + water + Iron Nail.		
			L-27	Corrosion of Iron.		
			L-28	Crystallisation.		
L-29	DPP Discussion.					
5	Water -A Precious Resources	7	L-30	Water management, effect of scarcity of water on plants, sewage	2	1
			L-31	Water as a solvent, gases dissolve in water.		
			L-32	WWTP, Introduction of waste water		
			L-33	waste water origin, wastewater constituents		
			L-34	Cleaning of wastewater, better house keeping practices.		
			L-35	Sanitation and Disease, Important points.		
L-36	DPP & Module discussion.					



## Regular Program Course Planning (Class 7th)

Academic Session 2016-17

### BIOLOGY

Course Name : Action

Course Commencement : 4<sup>th</sup> April 2016

Course Completion: Last Week of Jan.17

S.No	Topic(s) Name	No. of Classes	Lecture No.	Sub-topic(s) Name	No. of DPPs	Misc DPP
1	Nutrition in Plants	4	L-1	Nutrition, mode of nutrition, Types of Nutrition	1	
			L-2	Nutrition in plants, Photosynthesis		
			L-3	Photosynthesis, Heterotrophic nutrition in plants		
			L-4	DPP Discussion		
2	Nutrition in Animals	4	L-5	Steps of nutrition in animals,	1	1
			L-6	Nutrition in Amoeba, Nutrition in Humans.		
			L-7	Nutrition in Humans, nutrition in grass eating animals		
			L-8	DPP Discussion		
3	Weather Climate & Adaptations of Animals	4	L-9	Weather & weather condition, Humidity & rainfall, Climate	1	
			L-10	Adaptation of animal to climate, Adaptation of animals in polar region.		
			L-11	Adaptation of animal in desert and tropical regions		
			L-12	DPP Discussion		
4	Soil	4	L-13	Soil and its formation and its importance , Soil profile ,Composition of soil	1	
			L-14	Soil particles, Types of soil, Properties of soil, soil & crops		
			L-15	Soil erosion, Some important points		
			L-16	DPP Discussion		
5	Respiration in organisms	4	L-17	Respiration & its need, Types of respiration, Process of respiration & breathing	1	1
			L-18	Human respiratory system, Mechanism of Breathing in human		
			L-19	Respiration in other animals & plants		
			L-20	DPP Discussion		
6	Transportation of Materials	2	L-21	Circulatory system, Structures of human heart, Blood vessels and blood, Circulation of blood, Heart Beat, Excretion, Excretory system in Human, Transport of substances in plant	1	
			L-22	DPP Discussion		
7	Reproduction in Plants	4	L-23	Modes of reproduction, Asexual reproduction- Fission, Budding.	1	
			L-24	Fragmentation, Spore formation, Vegetative propagation.		
			L-25	Sexual reproduction - Sexual reproduction in flowering plants, Dispersal of fruit and seeds		
			L-26	DPP Discussion		
8	Scarcity of water	2	L-27	States of water, availability of water, Water scarcity & its effects, Depletion of water table, Water management	1	1
			L-28	DPP Discussion		
9	Forests	3	L-29	Forest, Uses of forest, Interdependence of Plants & Animals	1	
			L-30	Destruction of forest, Conservation of forest		
			L-31	DPP Discussion		



## Regular Program Course Planning (Class 7th)

Academic Session 2016-17

### MATHEMATICS

Course Name : Action

Course Commencement : 4<sup>th</sup> April 2016

Course Completion : Last Week of Jan.'17

S.No	Topic Name	Total Lectures	Lecture No.	Sub Topic Name	No. of DPPs	Misc. DPP's
1	Integers	3	L-1	(a) Integers (b) Addition of integers and its properties (c) Subtraction of integers and its properties.	1	
			L-2	(a) Multiplication of Integers and its properties. (b) Division of integers and its properties.		
			L-3	(a) Use of brackets. (b) Word problems		
2	Fractions & Decimals	4	L-4	(a) Fractions & types of fractions (b) Conversion of unlike fractions to like fractions (c) Comparison of fractions	1	1
			L-5	(a) Addition & subtraction of fractions. (b) Multiplication & Division of fractions		
			L-6	(a) Word problems on fractions (b) Decimals (c) Comparison of decimals. (d) Conversion of decimals into fractions (e) Conversion of fractions into decimals		
			L-7	(a) Addition, subtraction, multiplication, division of decimals (b) Word problems on decimals.		
3	Rational Numbers	4	L-8	(a) Rational numbers (b) Properties of rational numbers (Positive rational number, negative rational number, equivalent rational number, lowest form of rational number)	1	1
			L-9	(a) Representation of rational number on number line. (b) Comparing two rational numbers. (c) Operations on rational numbers (Addition and subtraction)		
			L-10	(a) Operations on rational numbers (multiplication & division) (b) Insertion of rational numbers between two given rational numbers.		
			L-11	Module & DPP Discussion.		
4	Lines and angles	3	L-12	(a) Pairs of angles (adjacent, linear, vertically opposite angles, complementary, supplementary angles)	1	
			L-13	(a) Parallel lines (b) Angles made by the transversal of two parallel lines		
			L-14	Module & DPP Discussion		
5	Triangles	4	L-15	(a) Polygon, types of polygons (b) Formula based on polygons and problems (c) Triangle	1	1
			L-16	(a) Types of triangles (b) Important results (c) problems based on triangles.		
			L-17	(a) Triangle inequality property (b) Problems based on it.		
			L-18	(a) Pythagoras theorem.		
			L-19	Module & DPP Discussion		
6	Congruency of Triangles	3	L-20	(a) Congruent figures (b) Congruent triangles (c) Condition for sufficiency for congruent triangles (d) SAS congruency (e) ASA congruency.	1	
			L-21	(a) AAS congruency (b) SSS congruency (c) RHS congruency		
			L-22	(a) Theorems (b) Problems based on congruency.		
7	Exponents	2	L-23	(a) Exponents (b) laws of exponents.	1	
			L-24	(a) Problems on exponents.		
8	Algebraic Expressions	4	L-25	(a) Definitions, types of algebraic expressions. (b) Polynomial, degree of a polynomial	1	1
			L-26	(a) Factors, Coefficient, Like and Unlike terms (b) Addition or subtraction of like terms (b) Multiplications of algebraic expressions		
			L-27	(a) Multiplication of a monomial by a monomial (b) Multiplication of a binomial by a monomial (c) Multiplication of a binomial by a binomial.		
			L-28	(a) Division of a algebraic expression (b) Division of a monomial by another monomial (c) Division of polynomial by monomial.		
9	Statistics	4	L-29	(a) Data, types of data (b) Range, frequency (c) Ungrouped frequency distribution (d) Grouped frequency distribution	1	1

			L-30	(a) Measures of central tendency : Mean for ungrouped data and when data is given in the form of frequency distribution (b) Median		
			L-31	(a) Mode (b) Graphical representation.		
			L-32	Module & DPP Discussion		
10	Probability	2	L-33	(a) Introduction to probability (b) Important definitions (c) Formula of probability	1	
			L-34	Problems based on probability.		
11	Construction	2	L-35	Construction of parallel lines (b) Construction of triangles based on SSS property (c) Construction of triangles based on SAS property.	0	
			L-36	(a) Construction of triangle based on ASA property (b) Construction of triangles based on RHS property.		
12	Symmetry and visualising solid shapes	2	L-37	(a) Symmetry, axis of symmetry (b) Rotational symmetry, order of rotational symmetry (c) Visualising solid shapes, types of solids (d) Euler's formula (e) Nets for building 3-D shapes.	0	
			L-38	Module & DPP Discussion		
13	Mensuration	5	L-39	(a) Perimeter and area of triangles (b) Perimeter and area of rectangle (c) Perimeter and area of square.	1	1
			L-40	(a) Perimeter and area of parallelogram (b) Perimeter and area of rhombus.		
			L-41	(a) Perimeter and area of quadrilaterals (b) Perimeter and area of trapezium.		
			L-42	(a) Circumference and area of circle (b) Problems based on it.		
			L-43	Module & DPP Discussion		
14	Linear Equation in one variable	2	L-44	(a) Linear equations (b) Properties of solving linear equations.	1	
			L-45	(a) Word problems		
15	Ratio and Proportion	2	L-46	(a) Ratio, Comparison of ratios (b) Proportion	1	
			L-47	(a) Continued Proportion (b) Word problems.		
16	Percentage	2	L-48	(a) Percent (b) Percent as a fraction (c) Percent as a ratio (d) Conversion of a percent into a fraction (e) Conversion of a fraction into a percent.	1	1
			L-49	(a) Conversion of decimal into percent (b) Word problems based on percentage (c) Important result based on percentage and its word problems.		
17	Profit, Loss & Discount	3	L-50	(a) C.P., S.P. (b) Profit, loss (c) Gain percent, Loss percent (d) Word problems.	1	
			L-51	(a) Marked price, Discount (b) Word problems.		
			L-52	Module & DPP Discussion		1
18	Simple Interest	2	L-53	(a) Simple interest (b) Formula of simple interest.	1	
			L-54	Word problems		



## Regular Program Course Planning (Class 7th)

Academic Session 2016-17

ENGLISH

Course Name : Action

Course Commencement : 4<sup>th</sup> April 2016

Course Completion : Last Week of Jan.'17

S.No	Topics Name	No. of Lectures	No. of DPPs
1	Noun	1	1
2	Pronoun	2	1
3	Verb forms	2	1
4	Notice	1	1
5	Spoken English Activity	2	1
6	One word Substitution	2	1
7	Adjective	1	1
8	Adverb	1	1
9	Informal Letter Writing	1	1
10	Spelling	2	1
11	Spoken English Activity	2	1
12	Tense	3	1
13	Diary Writing	1	1
14	Passive Voice	3	1
15	Spoken English Activity	2	1
16	Comprehension	2	1
17	Integrated Grammar	3	
18	SA-2		1
19	Preposition	2	1
20	Determiners + email	2	2
21	Synonym + Antonym	3	1
22	Conjunction+ formal letter	2	2
23	Spoken English Activity	2	1
24	Idioms & Phrases	4	1
25	Reported Speech	2	1
26	Modals	1	1
27	Proverbs	1	1
28	Spoken English Activity	2	1
29	Subject Verb Concord	2	1
30	Conditionals	1	1
31	article writing	1	1
32	Spoken English Activity	2	1
33	Integrated Grammar	2	1



## Regular Program Course Planning (Class 7th)

**Academic Session 2016-17**

### Mental Ability

Course Name : Action

Course Commencement : 4<sup>th</sup> April 2016

Course Completion : Last Week of Jan.'17

S.No	Topic(s) Name	Total Lectures	Lecture No.	Sub-topic(s) Name	No. of DPPs	Misc DPP's
1	Number Series	2	L- 1, 2	Number Series	1	1
2	Alphabet Series	1	L- 3	Alphabet Series	1	
3	Letter Repeating Series	1	L- 4	Letter Repeating Series	1	
4	Missing term in figure	1	L- 5	Missing term in figure	1	1
5	Alphabet Test	1	L- 6	Letter Word Problems, Word formation	1	
6	Coding-Decoding	2	L- 7, L- 8	Letter-Letter Coding, Letter-Number Coding Miscellaneous Coding	1	
7	Direction Sense	1	L- 9	Direction Sense	1	1
8	Ranking and Ordering Test	1	L-10	Number Test & Ranking Test	1	
9	Puzzle Test	2	L-11, L-12	Simple Puzzles, Seating Arrangement	1	
10	Mathematical Operations	1	L-13	BODMAS Application, Interchange of signs, Number	1	1
11	Analogy	1	L-14	Simple Analogy, Letter Analogy, Word Analogy, Number Analogy	1	
12	Classification	1	L-15	Classification (Number, Letter, Word & Miscellaneous)	1	
13	Dices	1	L-16	Dices	1	1
14	Figure Partition	1	L-17	Figure Partition	1	
15	Mirror & Water Images	2	L-18, L-19	Mirror Images (Number, Letter, Word, Figures, etc.) Water Images (Number, Letter, Word, Figures, etc.)	1	
16	Miscellaneous	2	L-20, L-21	Non-Verbal Series, Analogy, Classification Paper Cutting & Folding, Figure Completion, Figure Formation & Embedded Figure.	1	



## Regular Program Course Planning (Class 7th)

**Academic Session 2016-17**

### SOCIAL SCIENCE

**Course Name :** Action

**Course Commencement :** 4<sup>th</sup> April 2016

**Course Completion :** Last Week of Jan.'17

S.No	Topic Name	Total Lectures	Lecture No.	Sub Topic Name	Misc. DPP's	No of DPP's
1	Tracing Changes Through A thousand years	2	L-1	Changing names of India, Medieval Indian history,:	1	1
			L-2	Major developments and historical trend in the Medieval India		
2	Environment	2	L-3	Components of Environment		
			L-4	(Natural Environment, Ecosystem, Human Environment)		
3	Equality In Indian Democracy	2	L-5	Equality in Indian constitution (Recognition of Equality, Implementation of Equality Mid -day Meal Scheme, Problems of Implementation), Issues of Equality in other countries (U.S.A.),		
			L-6	Prohibition of Discrimination (Article 15 of the Indian Constitution), Struggles for Equality (Struggles in India)		
4	New Kings and kingdoms	2	L-7	The emergence of new Dynasties, Kingdoms of India, Administration in the Kingdom (General Administration in the kingdoms, Land Grants and Prashastis, Warfare for Wealth)		
			L-8	A closer look of the Cholas (From Uraiyur to Thanjavur, Splendid Temples and Bronze Sculpture, The Administration of the Empire, Agriculture and Irrigation)		
5	Inside our Earth	2	L-9	Structure of The Earth (Interior of The Earth), Rocks and Minerals (Meaning of Rocks, Table of Rock Types, Metamorphic Rocks),		
			L-10	Rocks and Minerals (Rock Cycle, Uses of Rocks and Minerals, Rock Distribution in India, Flow Chart of Rock Cycle).		
6	The Delhi Sultans	2	L-11	The Sultanate Period, The Rulers of Delhi, Finding out about the Delhi Sultans, The expansion of the Delhi Sultanate,		
			L-12	Administration of Khalji's and Tughluq's, The Mongols, Alauddin Khalji and Muhammad Tughluq, Sayyid and Lodhi Dynasties.		
7	Our Changing Earth	2	L-13	Earth Movements (Type of Plates, Plate Movement, Formation of Mountains, Volcanoes , Types of Volcanoes, Earthquakes, The Bhuj Earthquake),		
			L-14	Major Land Forms (Work of a river, Work of Sea Waves, Work of ice, Work of wind).		
8	State Government and its Role in Health	2	L-15	Composition of State Government (Who is an MLA, The Government, Working of the Government),		
			L-16	The role of the government in Health (Introduction, Meaning of Health, Healthcare in India), Healthcare Services (Public Health Services, Private health facilities, Healthcare and Equality, Remedies)		
9	The Mughal Empire	2	L-17	The Great Mughals, Who were the Mughals, Mughal Military Campaigns, Mughal Emperors,		
			L-18	The Mughal Administration, Akbars Policies, Impact of The Mughal Empire in The Seventeenth Century and After		
10	Air	2	L-19	Study of Atmosphere (Composition of Atmosphere, Structure of The Atmosphere, Significance of The Atmosphere),		
			L-20	Weather and Climate (Difference between weather and Climate, Temperature, Air Pressure, Wind, Moisture).		
11	Rulers and Builders	2	L-21	Structure During 8th and 18th Century (Engineering Skills and Construction, Temple Construction in the Early 11th Century, Buildings Temples, Mosques and Tanks, Why Were Temples Destroyed?)	1	1



			L-22	Mughal Architecture (Gardens, Tombs and Forts) Sharing of Ideas Across Regions		
12	Water	2	L-23	Water Bodies (Distribution of Water Bodies),	1	
			L-24	Oceans (Ocean Circulation, Ocean Currents, Effects of Ocean Currents)		
13	Gender and the Role of Women	2	L-25	Gender distinction (Growing up as Boys and Girls, Growing up in Samoa in 1920s, Growing up male in Madhya Pradesh in the 1960s, Valuing housework, Lives of domestic workers, Nature of Housework)	1	
			L-26	Women and Equality (Women's work and equality), Role of women in changing the world (Learning for Change, Schooling and Education today, Women's Movement).		
14	Towns, Traders and Craftsperson's	2	L-27	Administrative Centers (Thanjavur, The Chola Dynasty Capital) Temple, towns and Pilgrimage Centre (Thanjavur, The Chola Dynasty Capital : A Temple Town), Small Towns (A Network of Small Towns), Traders (Big And Small Traders),	1	1
			L-28	Crafts, A Closer Look (Hampi, A Gateway to the West Surat, Fishing in Troubled Waters : Masulipatnam), New Towns and Traders (The Entry of European Companies), Elsewhere (Vasco-da-Gama and Christopher Columbus, Kabul)		
15	Natural and wild life	2	L-29	Types of Natural Vegetation (Forests, Types of Forests), Grasslands (Meaning),	1	
			L-30	Types of Grasslands (Tropical Grasslands, Temperate Grasslands, Desert Vegetation, Tundra Vegetation)		
16	Tribes nomads and settled communities	2	L-31	Beyond Big Cities (Tribal societies, Who Were Tribal People), Life of Nomads and Pastoralists (Nomadic Pastoralists) ,	1	
			L-32	Changing Society (New Castes and Hierarchies), Case Studies (The Gonds, The Ahoms)		
17	Human Environment Settlement, Transport and communication	2	L-33	Transport (General Introduction), Means of Transport (Roadways, Railways, Waterways),	1	1
			L-34	Means of Transport (Airways), Communication (Meaning and Types)		
18	Media and Advertisement	2	L-35	Understanding Media (Meaning of Media, Media and Technology, Media and Money, Media and Democracy, Setting Agendas),	1	
			L-36	Understanding Advertising (Meaning of advertising, Building Brands and Brand values, Brand Values and Social Values, How does an advertisement get made ?, Advertising and democracy).		
19	Devotional Paths to the Divine (Religious Movements)	2	L-37	The idea of a supreme god, Bhakti Movement in south India (Nayanars and Alvars, Philosophy and Bhakti, Basavann's Virashaivism),	1	
			L-38	The Saints of Maharashtra, Nathpantis Siddhas and Yogis, Islam and Sufism, New Religious developments in North India, Case Studies (Kabir, Guru Nanak)		
20	Human Environment Interaction. The tropical and sub-tropical region	2	L-39	Amazon Basin (Climate, Rainforests, People of The Rainforests),	1	1
			L-40	Ganga -Bhahmaputra Basin (Life and People)		
21	The Making of Regional cultures	2	L-41	Development of Malayalam (The Cheras), Rulers and Religious Traditions (The Jagannath Cult), Traditions of Heroism (The Rajputs), Beyond Regional Frontiers (The Story of Kathak),	1	
			L-42	The Tradition of Miniatures (Painting for Patrons), Case Study (Bengal The growth of Regional Languages, Pirs and Temples, Fish as Food)		
22	Life in temperate grasslands	2	L-43	Temperate Grasslands of The World (The Prairies, Climate of Prairies, Flora and Fauna, People of Prairies),	1	
			L-44	The Velds, Climate of Velds, Flora and Fauna, People of Veld)		
23	Market	2	L-45	Markets Around us (Various kinds of Markets, Weekly Market, Shops in the neighbourhood, Shopping complexes and malls, Chain of Markets, Markets everywhere, Markets and equality),	1	1
			L-46	The cloth market of erode (The garment exporting factory near Delhi, Market and equality)		

24	Eighteenth century political formations	2	L-47	Fall of Mughal Empire (The Crisis of the Empire and the later Mughals), New States (Emergence of New States),	1
			L-48	The Old Mughal Provinces (The Three States, Hyderabad, Awadh, Bengal, The Watan Jagirs of the Rajputs), Seizing Independence (The Sikhs, The Marathas, The Jats)	
25	Life in The deserts	2	L-49	Deserts of The World (The Hot Desert Sahara, Climate, Flora and Fauna, The Sahara Desert People),	1
			L-50	The Cold Desert (Ladakh, Flora and Fauna, People)	