

Online Class Program (OCP)

Science Road Map for Term-I (2020-2021) wef.01 jul 2020

DATE	CLASS - 8		CLASS - 7	
	CHAPTER	SUB TOPIC	CHAPTER	SUB TOPIC
01.Jul.20	CH-01-(CROP PRODUCTION AND MANAGEMENT)	Revision of the chapter Crop Production And Management.	Revision for pt-1	Nutrition in animals
02.Jul.20		Revision of the chapter Crop Production And Management.		Revision for pt-1
03.Jul.20		Revision of the chapter Micro-organism:Friend and Foe.		Revision for pt-1
04.Jul.20		Revision of the chapter Synthetic Fibres and Plastics.		Revision for pt-1
05.Jul.20				
06.Jul.20	CH-11-(FORCE AND PRESSURE)	Atmospheric Pressure&it's Application.		
07.Jul.20		Key Words &Exercise Questions from NCERT Text book.		
08.Jul.20	CH-04-(MATERIALS: METALS AND NON-METALS)	Elements ;Types of Elements; Metals.	ACIDS BASES AND SALTS	introduction, material, chemicals
09.Jul.20		Non-metals & Metalloids.		acids, bases and their properties
10.Jul.20		Physical Properties of Metals & Non-metals.		presence of acids and bases in our daily products
11.Jul.20		Malleability, ductility, Conductivity.		indicators, natural and synthetic
12.Jul.20				
13.Jul.20		Lustre, Strength, Sonorousness, Hardness.		litums, turmeric indicator
14.Jul.20		Chemical Properties of Metals & Non-metals.		china rose indicator
15.Jul.20		Reaction with Oxygen, Water, Acids & Bases.		synthetic indicators (phenolphthalein, methyl orange.)
16.Jul.20		Reactivity Series of Metals .		pH of acids, bases and neutral chemicals
17.Jul.20		Displacement Reactions of Metals.		neutralisation and its application
18.Jul.20		Uses of Metals & Non-metals.		neutralisation and its application
19.Jul.20				
20.Jul.20		Revision of complete Chapter.		
21.Jul.20	Key Words & Exercise Questions from NCERT Text book.			
22.Jul.20	CH-08-(CELL- STRUCTURE AND FUNCTIONS)	Discovery of Cell;Parts of Cell; Cell Membrane.		
23.Jul.20		Cytoplasm, Nucleus, Mitochondria.		introduction, changes
24.Jul.20	Cell Wall, Chloroplast & Large Vacuole.	physical change and its properties		
25.Jul.20	Structure of Plant & Animal Cells.	chemical change and its properties		
26.Jul.20				
27.Jul.20	CH-08-(CELL- STRUCTURE AND FUNCTIONS)	To Study Plant & Animal Cells With Microscope.	PHYSICAL AND CHEMICAL CHANGES	example of chemical change
28.Jul.20		Prokaryotic & Eukaryotic Cells.		example of chemical change
29.Jul.20		Organisms Show Varity in Cell Number.		example of chemical change
30.Jul.20		Cell Shape & Cell Size, Definition of Cell & Tissue.		observation during chemical change
31.Jul.20		Definition of Organs & Organ Systems.		rusting of iron , protection from rusting
01.Aug.20		Definition of Organisms, Activities given in the Chapter.		ozone layer , ozone hole
02.Aug.20				
03.Aug.20		Revision of complete Chapter.		crystallisation of copper sulphate
04.Aug.20		HOT Questions of the Chapter.		preparation of Alum, beneficial and harmful chemical changes.
05.Aug.20		Key Words.		REVISION
06.Aug.20	Exercise Questions from NCERT Text book.			
07.Aug.20	CH-12-(FRICTION)	Foce of Friction;Factors Affecting Friction.	TIONS OF ANIMALS TO	
08.Aug.20		Cause of Friction, Static Friction, Sliding Friction.		
09.Aug.20				
10.Aug.20		Rolling Friction,Friction ;Anecessary Evil.		introduction, temperature
11.Aug.20		Advantage & Disadvantage of Friction.		weather and its elements
12.Aug.20		Methods of Increasing & Decreasing Friction.		weather and sun
13.Aug.20		Fluid Friction, Reducing Drag, revision of Chapter.		climate
14.Aug.20		Key Words &Exercise Questions from NCERT Text book.		adaptation -polar region

15.Aug.20		Activities & Exercise Questions from NCERT Text book.	WEATHER CLIMATE ADAPTA CLIMATE	adaptation -polar region
16.Aug.20				
17.Aug.20	CH-05-(COAL AND PETROLEUM)	Inexhaustible & Exhaustible Natural resources.		adaptation - the tropical rainforests
18.Aug.20		Fossil Fuels; Coal & it's Uses.		adaptation - desert
19.Aug.20		Products of COAL; Coal Gas , Coal Tar&Coke.		adaptation - desert
20.Aug.20		Petroleum; Occurrence, Extraction & Refining of Petroleum.		migration of birds and animals
21.Aug.20		Fractions of Petroleum, Petrole & Kerosene.		REVISION
22.Aug.20		Diesel, Lubricating Oil,		REVISION
23.Aug.20				
24.Aug.20		Paraffin Wax & Bitumen; Natural Gas.		introduction, air and wind
25.Aug.20		Petrochemicals on Earth are Limited.		air exert pressure
26.Aug.20		Revision of complete Chapter.		high speed air accompanied by reduced air pressure
27.Aug.20				high speed air accompanied by reduced air pressure
28.Aug.20		CH-07-(CONSERVATION OF PLANTS AND ANIMALS)	Key Words &Exercise Questions from NCERT Text book.	air expand on heating
29.Aug.20			Deforestation & it's Causes; Consequences.	wind current due to uneven heating
30.Aug.20	Conservation of Forest & Wild Life; Biosphere Reserves.			
31.Aug.20	Flora & Fauna; Endemic Species; Wildlife Sanctuaries.		wind current due to uneven heating	
01.Sep.20	Difference Between Wildlife Sanctuaries & Zoo.		thunderstorms and cyclones	
02.Sep.20	National Park; Extinct & Endangered Species.		thunderstorms and cyclones	
03.Sep.20	Red Data Book; Migration; Recycling of Paper.		thunderstorms and cyclones	
04.Sep.20	Reforestation, Activities Given in the Text Book.		safety measures	
05.Sep.20	Revision of complete Chapter.		REVISION	
06.Sep.20				
07.Sep.20			REVISION	
08.Sep.20			REVISION	
09.Sep.20	CH-06-(COMBUSTION AND FLAME)		Combustible & Non-combustible Substances; conditions.	introduction, soil and its uses
10.Sep.20		Supporters & Ignition Temperature.	formation of soil	
11.Sep.20		Types of Combustion; Rapid Combustion.		
12.Sep.20		Spontaneous & Explosive Combustion.	soil profile	
13.Sep.20		Fules & it's Type.	soil profile	
14.Sep.20				
15.Sep.20		structure of Flame Calorific Value.	soil types	
16.Sep.20		Burning of Fuel leads to Harmful Products.	properties of soil	
17.Sep.20		Revision, Activities Given in the Text Book.	air in soil	
18.Sep.20		Key Words &Exercise Questions from NCERT Text book.	moisture in soil	
19.Sep.20		Revision of complete Chapter.	soil colour and texture	
20.Sep.20		Revision of complete Chapter.	soil and crops	
21.Sep.20		CH-01-(CROP PRODUCTION AND MANAGEMENT)		
22.Sep.20				
21.Sep.20	CH-2-(MICRO-ORGANISM: (ORGANISM: FRIEND AND FOE)	Revision of complete Chapter.	soil erosion	
22.Sep.20		Revision of complete Chapter.	soil conservation	
22.Sep.20	CH-03-(SYNTHETIC FIBRES AND PLASTICS)	Revision of complete Chapter.		

23.Sep.20	CH-04- (MATERIALS: METALS AND NON-METALS)	Revision of complete Chapter.	REVISION
24.Sep.20	CH-05-(COAL AND PETROLEUM)	Revision of complete Chapter.	REVISION CHAPTER-2
25.Sep.20	CH-06- (COMBUSTI ON AND FLAME)	Revision of complete Chapter.	REVISION CHAPTER-5
26.Sep.20	CH-07- (CONSERVATIO N OF PLANTS AND ANIMALS)	Revision of complete Chapter.	REVISION CHAPTER-5
27.Sep.20			
28.Sep.20	CH-08-(CELL- STRUCTURE AND FUNCTIONS)	Revision of complete Chapter.	REVISION CHAPTER-6
29.Sep.20	CH-11- (FORCE AND PRESSURE)	Revision of complete Chapter.	REVISION CHAPTER-6
30.Sep.20	CH-12- (FRICTION)	Revision of complete Chapter.	REVISION CHAPTER-7