S.N	Folder Number & Question Code	Торіс	Question Answers O				Image ( If An	у)		Correct Answer ( Option – A, B, C, D )
1.	2_9 Science 6110	Chapter 4 Metals and Non metals	Water and m do not mix. V of these is th correct representation tube contain equal amour mercury and water?	Which ne on of a ing nts of						A
					Answer Op	tions				
		Ор	tion A	C	Dption B		Option C		Option D	
					'ater		← Mercury			

S.N	Folder Number & Question Code	Торіс	Question Answers O			Image ( If Any	)	Correct Answer ( Option – A, B, C, D )
2.	1_3 Science 6712	Chapter 4 Metals and Non metals	A typical displacement reaction can written as for AB + C> A Which amore following is a displacement reaction?	be bllows: A + BC. ng the a				A
					Answer	Options		
		Ор	Option A		Option B	Option C	Option D	
		H <sub>2</sub> SO <sub>4</sub> + Fe FeSO <sub>4</sub> + H <sub>2</sub>	> 2	2H <sub>2</sub> O 2H <sub>2</sub> + (	> D <sub>2</sub>	H <sub>2</sub> + Cl <sub>2</sub> > 2HCl	CO <sub>2</sub> + H <sub>2</sub> O >H <sub>2</sub> CO <sub>3</sub>	
S.N	Folder Number & Question Code	Торіс	Question Answers O			Image ( If Any	)	Correct Answer ( Option – A, B, C, D )

	1_3	Chapter 4	Use this tabl	e and	Name of the substance	Heat	Electrical		
	Science	Metals	answer the		Copper	good	good		A
	6724	and Non	question.		Asbestos	bad	bad		
		metals	<b>q</b>		Aluminium	good	good		
3.		metals	A copper roc	l and a	Mica	good	bad		
5.			carbon rod o		Carbon	bad	bad		
			same length						
			mounted as in the figure. is fixed at the distance fror end of both rods using w Both the rod heated. Wha happen?	shown A pin e same m one the ax. s are	Carbon Roa	d J ed with wax	Copper Road	1	
				1	Answer Option		I		
			tion A		Option B	Optio		Option D	
		The pins v	vill fall - the	The pir	ns will fall - 🛛 🛛 Tl	he pins wi	ill fall	Neither pin will	
		pin fixed t	o the copper	the pin	fixed to the b	oth at the	same	fall.	
		rod will fa	ll first.	carbon	rod will fall ti	me.			
				first.					

S.N	Folder Number & Question Code	Торіс	Question W Answers Opt			Correct Answer ( Option – A, B, C, D )			
	1_3	Chapter 4			Name of the substan	ce Heat	Electrica		
	Science 6725	Metals and Non	Use this table answer the	and	Copper	good	good		В
4.	0725	metals	question.	Asbestos	bad	bad			
			From the above which one wo	-	Aluminium	good	good		
					Mica	good	bad		
	be the best to use as an outer cover for the pipes to transport hot liquids?		:0	Carbon	bad	bad			
					Answer Optio				
		Op Copper	Pption A C Asbesto		Option B       Ds	<b>Option</b> Aluminium		Option D Mica	

S.N	Folder Number & Question Code	Торіс	Question Answers O			Image ( If Any	· )	Correct Answer ( Option – A, B, C, D )		
5.	1_3 Science 7403	Chapter 4 Metals and Non metals	You need to metal rod in hole in a me cylinder. It is tight. Which be the best r to do it?	to a tal too would				D		
					Answer Options					
		Option A		0	Option B	Option C	Option D			
		Heat the r cylinder.	od and the	Cool th cylinde	ne rod and the er.	Heat the rod and cool the cylinder.	Cool the rod and heat the cylinder.			
S.N	Folder Number & Question Code	Торіс	Question Answers O			Image ( If Any	· )	Correct Answer ( Option – A, B, C, D )		

	0_0	Chapter 4	Friedrich Moh	-			Scratching	material			
6.	Science	Metals	devised a scal		Mineral 🌡	Fingernail	Copper coin	Pocket knife	Steel file	1	
	9084	and Non	1812 to classi	-	Feldspar				Х	X indicates	
		metals	minerals base		Fluorite			Х	Х	that the material	
			hardness. A h	arder	Topaz					<ul> <li>scratched the mineral.</li> </ul>	
			material can		Gypsum	Х	Х	Х	Х		А
			scratch a softe		Calcite		Х	Х	Х	-	
			one. The table	e 🛛	UNKNOWN			Х	Х	-	
			below shows	the						-	
			results of tryir	ng to							
			scratch some								
			minerals and a	an							
			UNKNOWN								
			substance usi	-							
			different mate	erials.							
			The question								
			based on this.								
			Which of thes	se can							
			be used to								
			distinguish gy	psum							
			from calcite?								
						r Options		<u>_</u>			
		Option A	•	tion B		Option		Option D			
		Fingernail		Copper c	oin	Po	cket knife		Steel file		

S.N	Folder Number & Question Code	Торіс	Question With Answers Options			Image	( If Any )			Correct Answer ( Option – A, B, C, D )
	0_0	Chapter 4	Friedrich Mohs			Scratching	material			
	Science	Materials	devised a scale in	Mineral 🌡	Fingernail	Copper coin	Pocket knife	Steel file		
7.	9085	Metals	1812 to classify	Feldspar				Х	X indicates	
		and Non	minerals based on	Fluorite			Х	Х	that the material scratched	
		metals	hardness. A harder	Topaz					the mineral.	
			material can	Gypsum	Х	X	X	Х	_	
			scratch a softer	Calcite		X	X	X	_	D
			one. The table	UNKNOWN			Х	Х		
			below shows the							
			results of trying to							
			scratch some							
			minerals and an UNKNOWN							
			substance using 4							
			different materials.							
			The question is							
			based on							
			this.Choose the							
			BEST answer: The							
			hardness of the							

			unknown substance lie between	es				
					Answer Opt	ions		]
		Ор	tion A	(	Option B	Option C	Option D	
		gypsum ai	nd calcite	fluorite	e and feldspar	gypsum and fluorite	feldspar and calcite	
S.N	Folder Number & Question Code	Торіс	Question Answers O			Image ( If Aı	ny )	Correct Answer ( Option – A, B, C, D )
8.	2_9 Science 5027	Chapter 4 Material: Metals and Non- metals	Four identica cans filled w sand were p BLACK, RED, and WHITE respectively were kept in sunlight and temperature recorded eve	ith ainted PINK They the their	36°C time -	black red pink white		В

			minutes for 3	30				
			minutes. The	e graph				
			given below	shows				
			the tempera	ture of				
			the tin cans.	Based				
			on the above	ē				
			graph, which	n of				
			these observ					
			is CORRECT?					
					I			
					Answer Op	tions		
		Ор	tion A	C	Option B	Option C	Option D	
		All the car	ns finally	In all th	ne cans, the	The white	The darker its	
		reach abo	ut the same	tempei	rature rises	coloured can	colour, the	
		temperatu	ure.	sharply	/ initially but	absorbs the	longer it takes	
				then st	abilises.	maximum amount	the can to heat	
						of heat.	up.	
						·	·	
S.N	Folder	Торіс	Question	With		Image ( If Any	)	Correct
	Number		Answers O	ptions				Answer
	&							( Option – A,
	Question							B, C, D )
	Code							
	2_10	Chapter 4	Each of the f	our				

9.	Science 4189	Material: Metals and Non- metals	glasses below contains different quantities of wate A musical instrument is mac by tapping the top of each glass with metal spoon. Which glass would have the lowest pitch?	er. le a			A
		Op	tion A	Answer C Option B	Options Option C	Option D The pitch would be the same for all glasses. D.	
S.N	Folder Number & Question Code	Торіс	Question With Answers Option	5	Image ( If Any	<b>' )</b>	Correct Answer ( Option – A, B, C, D )

10.	4_25 Science	Chapter 4 Materials : Metals and Non- Metals	Which of the correctly des what happer the molecule BOWL OF ICI CREAM whe melts?	scribes ns to es in a				В
					Answer Op	otions		
	11985	Ор	tion A	C	Option B	Option C	Option D	
		•			bsorb heat	They release heat	They release	
		They abso	rb heat	-	and start	energy and start	heat energy and	
		energy an			g more	moving more	start moving	
		moving more slowly.		rapidly		slowly.	more rapidly.	
S.N	Folder Number & Question	Торіс	Question Answers O			Image ( If Any	)	Correct Answer ( Option – A, B, C, D )
	Code							b, c, b j
	4_24	Chapter 4	Air contains	about				
	Science	Materials	21% oxygen.					
	_	: Metal	we breathe i					
11.	10330	and Non-	some of the					С
		Metals	is used and o	arbon				

			dioxide is produced. W happens to t NITROGEN ir air we breat	he the			
			tion A	Answer C	-	Ontion D	
		U		Option B It is also converted into CO <sub>2</sub> .	Option C It comes out of the body unchanged.	Option DOnly the O2 in airis breathed inand CO2 isbreathed out.	
12.	1_3 Science 6649	Chapter 4 Metals and Non metals	A carbon roc copper rod v hit alternativ with a hamn The carbon r broke into p Which prope carbon does observation indicate?	vere vely ner. od ieces. erty of			D

		Answer Options					
		Ор	tion A	Option B	Option C	Option D	
		Ductility		Elasticity	Malleability	Brittleness	
13.	2_10 Science 4143	Chapter 4 Metals and Non metals	Matter is cla into various groups. Whic group is typic described by characteristi listed below 1 Usually sol room tempe 2 Can be ber changed in s without brea 3 Show a shi lustre when scratched or polished.	ch cally the cs ? id at rature. nt or hape sking. ny			A
				Answer Op			
			tion A	Option B	Option C	Option D	-
		M	letals	Non metals	Elements	Compounds	

S.N	Folder Number & Question Code	Торіс	Questio Answers		Image ( If Any )						Correct Answer ( Option – / C, D )	r	
14.		Chapter 4 Materials : Metals and Non- Metals	of the Scien	Arrange these steps of the Scientific Method in the correct sequence:		2. Hypothe	sis	3. Observation	4. Question	5. Test Hypo	thesis	В	
	3_17 Science	Opt	ion A	Answer Options ption B Option C O					Ор	ption D			
	1885	2 4 1	3 5	3 4	- 2 5 -	- 1	4 5	3	1 2 -	- cc se m	here i orrect equer iany a ossib	nce - are	
S.N	Folder Number & Question	Торіс	Questio Answers				Ima	ge ( If A	ny )			Correct Answer ( Option – /	r

	Code							C, D )
15.	3_16 Science 2484	Chapter 4 Materials : Metals and Non- Metals	Study the d printed on a Garam Mas alongside, e its ingredien this, we can Garam Mas	a pack of ala shown especially nts. From n say that	मार्थम से निर्देश को को का सामय का मार्थ को कि की सामय का सामय को सी की कि का के का साम कि साम की की का की की की की सामय के साम कि साम की की की सामय का साम की सी की का को की का सामय का साम की साम	CUT OF CONTRACT OF CONTRA	form) hillies umin nnel seeds Tej patta Cloves k pepper	C
	2404	Answer Options						
		Opt	Option A Opt		ion B	Option C	Option D	
		element		compound		mixture	none of these	