CLASS 10 | Geography



CHAPTER-5 | Minerals and Energy Resources

QUIZ PART-01

1.	What is the hardest known mineral?	6.	Toothpaste tubes and toothbrushes are made	
	A. Talc B. Diamond		using plastics derived from which source?	
	C. Quartz D. Mica (B)		A. Coal	
Explanation: Diamond is the hardest known mineral			B. Natural Gas	
	with a well-defined internal crystal structure.		C. Bauxite	
2.	What is the softest known mineral?		D. Petroleum (D)
	A. Talc	Ex	<i>rplanation:</i> Plastics used in toothpaste tubes and	
	B. Mica		brushes are derived from petroleum.	
	C. Fluorite	7.	Which of the following is classified as an energy	,
	D. Gypsum (A)		mineral?	
Ex	<i>planation:</i> Talc is the softest mineral and is used in		A. Mica	
	products like talcum powder.		B. Bauxite	
3.	What percentage of total nutrient intake in our	_	C. Coal	
	diet is made up of minerals?	Ь.	D. Iron Ore	(C)
	A. 99.7% U 6 7 5 U 5 U 5 U	Ex	planation: Coal is classified as an energy mineral	
	B. 75%		due to its use as a fuel source.	
	C. 50%	8.	What is the primary source of titanium oxide use	ed
	D. 0.3% (D)		in toothpaste?	
Explanation: Minerals make up only 0.3% of the total			A. Bauxite and Copper	
	nutrient intake but are essential for utilizing the		B. Rutile, Ilmenite, and Anatase	
	remaining 99.7%.		C. Silica and Limestone	
4.	Which of the following minerals is used to reduce		D. Mica and Fluorite ((B)
	cavities in toothpaste?	Ex	<i>planation:</i> Titanium oxide, found in most	
	A. Mica		toothpaste, is derived from rutile, ilmenite, and	
	B. Fluorite		anatase.	
	C. Rutile	9.	Which of these is a ferrous mineral?	
	D. Silica (B)		A. Copper B. Bauxite	
Ex	<i>planation:</i> Fluoride used in toothpaste to reduce	7		(C)
	cavities is derived from the mineral fluorite.	Ex	rplanation: Manganese is a ferrous mineral as it	
5.	Which mineral gives sparkle to toothpaste?		contains iron or is used with iron.	
	A. Mica	10.	. What determines the formation and properties o	of
	B. Silica		minerals?	
	C. Titanium Oxide COURSES QU	Z	A. Mining location only	
	D. Aluminium Oxide (A)	i	B. Amount of rainfall	
Explanation: The sparkle effect in toothpaste is		ľ "	C. Physical and chemical conditions	
	produced using the mineral mica.	_	-	C)
		Ex	rplanation: The formation and properties of minera	als
			such as color, hardness, and density depend on	

physical and chemical conditions.