Describe the classification, geographical distribution, AP-471 lithological characteristics and economic importance of Deccan Traps. 12 B.Sc. Part - II (Semester - IV) Examination OR 4S: GEOLOGY Describe the classification, geographical distribution, lithological characteristics and economic importance of Time—Three Hours] [Maximum Marks—80 Gondwana supergroup. 12 Explain the following: (A) Fill in the blanks: 2 (a) Cretaceous of Trichinopolly is a coal of highest rank. Lameta formation The age of Deccan trap is . Lithology of Siwalik Supergroup. Magnetite is the ore mineral of . OR (iv) Oil in Digboi is found in rock. Cretaceous of Narmada Valley (B) Choose the correct alternative: Jurassic of Kutch 2 Coal is composed chiefly of: Classification of Siwalik Supergroup. (a) Carbon, Oxygen, Hydrogen and Nitrogen Chloride, Sulphate and Nitrate Potassium and Magnessium (d) None of the above Bauxite is the ore of: (a) Iron (b) Copper (c) Lead and Zinc (d) Aluminium UWO-42419(Re) (Contd.) UWO-42419(Re) 100

	(")	The Bombay high deposits of oil lies in:	3.	3. Write note on:		
	(iii)			(a)	Mineralogy and use of Mica	4
		**		(b)	Geographic distribution of Gypsum	4
		(b) Arabian Sea		(c)	Origin of Coal.	4
		(c) Bay of Bengal(d) None of the abovev) Manganite and Psilomelane is the ore minerals of:		OR		
				(p)	Origin of Petroleum	4
	(iv)		4.	(q)	Mode of occurrence and origin of Asbestos	4
				(r)	Magnesite of Salem.	4
		(a) Manganese		Explain the following:		
		(b) Zinc and Lead		(a)	Paragenetic diagrams	4
		(c) Asbestos		(b)	Delta formation	4
		(d) Copper swer the following in one or two sentences:		(c)	Deep-sea environments.	4
	(C) Ans			OR		
				(p)	Flood plains	4
	(i)			(q)	Aeolean deposits	4
	(ii)			(r)	Projective analysis.	4
	(iii)	What is alluvial fan ?	5.	Ex	plain the following:	
	(iv)			(a)	Pneumatolytic Metamorphism	4
2.	Describ		(b)	Cataclastic Metamorphism	4	
	and geographical distribution of Lead and Zinc deposits			(c)	Injection Metamorphism.	4
	of India				OR	
	OR			(p)	Dynamothermal Metamorphism	4
	Describ	escribe the mineralogy, geological occurrence, origin			Thermal Metamorphism	4
	and geo	ographical distribution of Iron deposit of India.		(r)	Autometamorphism.	4
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UW	O-42419(Re) 2 (Contd.)	יט	WO	42419(Re) 3	Contd.)

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