## B.Sc. Part-I (Semester-I) Examination 18: GEOLOGY

Time: Thre	Hours] [Maximum Marks	. 80			
N.B. :	- (1) All questions are compulsory.	ř.			
	(2) Draw neat diagrams wherever necessary.				
1. (A) F	in the blanks:				
- <b>(</b> ()	The axis about which the crystal may be rot is termed as	ated			
(ii	The crust and the mantle are separated discontinuity known as	by a			
(ji	Those geological processes which operate w the earth are termed as	ithin			
(i	The smallest subdivision in the geological scale is	time 2			
(B) C	pose the correct alternatives :				
(i)	Aeolian deposits are associated with:				
	(a) Rivers				
	(b) Glaciers				
	(c) Oceans				
	(d) Wind				
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	*
Indogangetic plains.	12
Order of Superposition	
0.4	
Petrification	
OR	
Geological time scale.	12
Extra peninsular India	
Cast and Mould	
plain the following:	
	. 12
Structure of a typical Volcano.	. 12
Diastrophism	
Seismic belts in India	
S	eismic belts in India

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	(C)	Ans	wer the fo	llowing in	one or to	vo sentences :	•
		<b>(i)</b>	What are	index for	ssils ?		
		(ii)	What are	crystallo	graphic ax	es ?	
4		(iii)	What is ra	adioactivi	ity?		
		(iv)	What are	fumarole	s ?		4
2.	Exp	lain t	he followin	g:			
	(A)	Car	bon-14 me	ethod.			-
-	(B)	Tida	l Hypothes	is.			
	(C)	Con	nposition o	of the core			12
				OR			
	(P)	Sco	pe and imp	ortance o	of Geology		
,	(Q)	Urai	nium-Lead	method.			
	(R)	Con	aposition o	f the Cru	st.	1	12
3.			pecific grav f specific g		cribe the V	Valker steel ya	ırd 12
				OR			
						he function a	
	worl	king	of contact (	Contome	er.	3	2
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4.	Explain the following:	
	(A) Batholith	
	(B) Formation of Sedimentary Rocks.	
	(C) Kinds of Metamorphism.	12
	OR	
	(P) Extrusive Forms.	
	(Q) Temperature	
	(R) Lithification and Diagenesis.	12
5.	What is Weathering? Describe in detail the We of rocks.	athering 12
	OR	-
*	Describe in detail the geological work of river.	12
6.	Explain the following:	
	(A) Causes and distribution of Volcanoes	
	(B) Stages in Organic Cycle	*
	(C) Elastic rebound theory.	12
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