

FEDERAL PUBLIC SERVICE COMMISS TOFTITIVE EXAMINATION FOR TO POSTS IN BS-17 TOT 2011

GEOLOGY, PAPER-I

		GEOLOG	<u>1,1 AI ER-1</u>			
TIME ALLOWE	D: (PART-I MCQs	s) 30 MINU	JTES	Μ	IAXIMUM N	MARKS: 20
THREE HOURS	(PART-II)		S & 30 MINUT		AXIMUM N	
	st attempt PART-I (N utes.	ACQs) on separ	ate Answer She	et which shall	be taken bac	k after 30
	erwriting/cutting of t	the options/ans	wers will not b	e given credit		
	× ×			*	-	
	<u>(P</u> A	ART-I MCQs)	(COMPULSOI	<u>RY)</u>		
Q.1. Select the b	best option/answer and	d fill in the app	ropriate box on	the Answer S	Sheet. (1 x 20=20)
(i) Following are	e the members of plag	gioclase family:				
(a) Albite, (Oligoclase, Andesine	(b)	Andesine, Lab	oradorite, Byto	ownite	
(c) Oligocla	ase, Andesine, Labrad	orite (d)	Labradorite, B	ytownite, And	orthite (e)	All of these
(ii) Chaman Tran	sform Zone is charact	terized:				
(a) Mainly l	by strike-slip faulting	with minor sub	duction			
(b) Mainly l	by dip-slip faulting wi	ith minor subdu	ction			
(c) Mainly l	by subduction with m	inor strike-slip	faulting			
(d) Mainly l	by obduction with min	nor strike-slip fa	aulting		(e)	None of these
(iii) A blocky and	fragmented form of l	lava occurring i	n flows with fiss	sured and angu	ular surfaces i	is known as:
(a) Ad lava	(b) Ac lava	a (c)	Ab lava	(d) Aa l	lava (e)	None of these
(iv) The following	g formations are know	vn respectively	as Upper, Middl	e and Lower I	Productus Lir	mestone:
(a) Amb, W	argal and Chiddru	(b)	Chiddru, Warg	gal and Amb		
(c) Wargal,	Amb and Chiddru	(d)	Amb, Chiddru	and Wargal	(e)	None of these
(v) The following	g mineral shows two s	sets rhombic cle	eavage:			
(a) Hornble	nde (b) Gruner	ite (c)	Tremolite	(d) Acti	inolite (e)	All of these
(vi) Physical weat	thering process in whi	ich sheets of roo	ck are fractured	and detached f	from an outci	op is termed as
(a) Degener	ration (b) Transpi	iration (c)	Exfoliation	(d) Deform	ation (e)	None of these
-	Discontinuity is the b					
(a) Crust an	d Lithosphere	(b)	Sima and Sial			
(c) Crust an	d Mantle	(d)	Crust and Asth	nenosphere	(e)	None of these
(viii) Type of foliat	tion associated with v	ery fine grained	l pelitic rocks m	etamorphosed	to low grade	is known as:
• •	Structure	(b)	Gneissic Struc	-	C	
•	e Structure	(d)	Slaty Cleavage	е	(e)	None of these
(ix) Which of the	following statements		2			
	is harder than Fluorite		Quartz is hard	er than Calcite	e	
-	m is harder than Qua		Diamond is ha			e) All of these
	wing which are classe					,
-	iod, Epoch	(b)	Group, Forma	tion, Member		
	Series, Stage	(d)	Palaeozoic, Ci		ocene (e)	None of these
•	following group of ro				••••	
	ite, Syenite, Rhyolite		Granite, Diori		te	
	e, Andesite, Dacite	(d)	Gabbro, Norite			one of these
(c) Hacilyu	, macsile, Daene	(u)	540010, 10110	., Doionte		Daga 1 of 2

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••、		<u>DGY, PAPE</u>			1.	1					1	All of	
(X11)		istress and stres		als are dis	scussed 1				4			.00	
	(a)	Metamorphic				(b)	Sediment	•	ks			9	3x
(::;)	(c)	Plutonic rocks		t - hai	f 1.	(d)	Volcanic	rocks			(e)	All of	2.
(X111)		nd Arc is a linea			n of voic				.	1			.0
	(a)	Transform Pla		ndary		(b)	Converge			dary	<i>.</i>		
<i>.</i>	(c)	Mid-Oceanic	-	0 /		(d)	Divergen	t Plate	Bounda	ary	(e)	None of t	hese
(X1V)		al Fold Belt is t			re betwe			• • •	- 1				
	(a)	Indus and Kak				(b)	Lower an			8	<i>.</i>		
<i>·</i> 、	(c)	Southern and				(d)	Indus and	l Baloc	histan		(e)	None of t	hese
(xv)		rent ripples are		indicate:				0.01					
	(a)	Velocity of flo)W			(b)	Direction				4 \;		
<i>.</i> .	(c)	Line of flow	T			(d)	Gradient	of flow	1		(e)	All of the	se
(XV1)		ating invertebra				-					(0.1
(.::)	(a)	Benthos	(b)	Nektons	(c)	[Z00]	planktons	(d)	Phytop	olanktons	(e) None	of these
(XVII)		ich Nala is situa					***	~ 1. D					
	(a)	Eastern Salt R	-			(b)	Western S		-		4 \		
	(c)	Surghar Range			0	(d)	Central S		-		(e)	None of t	hese
xviii)	-	ression of the se	-		ll surtace							• • • • •	••
· • 、		Growth lines	. ,	Suture		(c)	Ribs	(d)	Umt	oilicus	(e)	None of	f these
(xix)		e Schist is comp	•	f:	-	-	· •	•					
	(a)	Smectite and (-			-	ohane, Law		and Qu	artz		- -	
<i>·</i> 、	(c)	Epidote and A					and Quartz	ite			(e)	None of	f these
(XX)		hinge line of a	•	1 0 0	•		 . ,		()	·· · 1	<i>(</i>)		0 .4
	(a)	Curvilinear	(b)	Rectiline	ear	(c)	Horizonta	al	(d)	Vertical	(e)	None of	f these
						<u>PAR</u>	<u>RT-II</u>	_					
NOT	TE:(i)			-	1		Answer Bo				~ • • • • •	- 1	
1101		a) Attempt	ONLY				PART-II.						
	ii) (ii		empt o	• • • • • • • • • •			are or one	auturn	pica 1-				
	(11 (ii		-			-							
	(ii	ii) Extra att considere	ed.					••				<u> </u>	
Q.2.	(ii De	ii) Extra att considere	ed.	rious mode			ons. Descr	ibe ma	in mor	phologica	l featu		
Q.2.	(ii De Tri	ii) Extra att considered efine fossil, disc ilobita of Phylu	ed. cuss vari um Arthi	ious mode ropoda.	es of foss	silizati			-	bhologica	l featu		s 0)
	(ii De Tri Wł	ii) Extra att considere	ed. cuss vari um Arthi now they	ious mode ropoda. y are recog	es of foss	silizati			-	ohologica	l featu	(2	
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