

18711 120 MINUTES

l.	Rodi	•	to have f	ormed between about Ma andMa.					
	A)	1200 and 900	B)	450 and 320					
	C)	650 and 550	D)	2800 and 2700					
2.		- are ductile shear zones produced are a few hundred meters to tens of h	-	ting along convergent plate boundaries swide.					
	A)	Rift valleys	B)	Sutures					
	C)	Deep fractures	D)	Forelands					
3.	TTG	suite is made up of							
	A)	Trachyte, Troctolite and Granite							
	B)	Tonalite, Tinguaite and Granodio	rite						
	C)	Tonalite, Trondhjemite and Gran	odiorite						
	D)	Tonalite, Trondhjemite and grani	te						
4.		ss that formed at or near the earth's metamorphism and deformation a		but lost many of their primary features rocks.					
	A)	Archaean	B)	Precambrian					
	C)	Supracrustal	Ď)	Hadean					
5.		sting of oceanic lithosphere onto a sion is called Obduction	passive (B)	continental margin during a continental Subduction					
	C)	Penetration	D)	Passive rifting					
6.	come	es under the field of study is called		the relationships that are found between,					
	A)	Ornithology	B)	Ontology					
	C)	Potomology	D)	Topology					
7.		map shows the precise bounda	ries and s	size of land parcels.					
	A)	Municipal	B)	Thematic					
	C)	Revenue	D)	Cadastral					
8.	Whic	ch one of the statements is not true?							
	A)	Keeping the attribute data in a D of layers in a GIS	OBMS doe	es not interfere with the basic principles					
	B)	Attribute data cannot be expanded, accessed, deleted or updated without having to modify the spatial database							
	C)	Attribute data need not be storanywhere on the system or even or		the spatial database but may be kept a network					
	D)	2		patial units that may be represented in a					

wide variety of ways

9.	The Organization of data in ways, suitable for computer storage and manipulation is:											
	A)	Data structure		B)	Data record							
	C)	Database		D)	Data analysis	model						
10.	_	lar variations or erro ated with major mappe	•	_		be easi	ily expla	ained or				
	A)	Nominal data B)	Nugget	C)	Noise	D)	Node					
11.	Which deposi	one is a pathfinder its?	element for o	copper-z	zinc-lead-silver	and co	omplex	sulphide				
	A)	Manganese		B)	Molybdenum							
	C)	Arsenic		D)	Mercury							
12.		Choose the correct match:										
	A)	Muscovite- Metallic l	bond	B)	Corundum-V			nd				
	C)	Pyrite- Ionic bond		D)	Hydrogen-Co	valent b	ond					
13.		e the correct match:				- (21						
	A)	Almandine-Fe₃Cr₂(Si	/	B)	Grossular-Ca	,						
	C)	Andradite- Ca ₃ Al ₂ (Si	$O_4)_3$	D)	Pyrope-Mg ₃ A	Al ₂ (SiO ₄)з					
14.	Comp	ounds of frozen water	that contain ga	s moleci	ules:							
	A)	Permafrost		B)	Shale Gas							
	C)	Gas Hydrates		D)	Coal Bed Me	thane.						
15.		extural parameters of ability is/are:	f unconsolidat	ted sed	iment that m	ay affe	ct poros	sity and				
	A)	Grain shape B)	Grain size	C)	Sorting	D)	All the	above				
16.	Which A) B) C) D)	contour mining is car Room and pillar mini Opencast mining is al High wall mining is a	rried out in plaing is a type of lso referred to	open sto as surfac	opping in near ce mining		tal strata	ι				
17.	Which A)	one among the follow Nigeria B)	ving is a major Germany	coal pro C)	ducing country Brazil	y? D)	Japan					
18.	High I A) C)	Field Strength Element Metamorphic Rocks Pegmatites	s (HFSE) are t	ypically B) D)	found concent Early Magma Stratabound of	tic depo						
19.	The do	epth in the Ocean wher Homocline B)	e Calcium Car Lysocline	bonate b	Degins to dissol Thermocline		Pynocl	ine				
20.	Which A) B) C) D)	They are locations who will be to the series of the series	here hot upwell anoes on the lit along with the	hospher overlyi	ric plates as a fing moving lith	unction	of time					

21.	Harzburgite is a variety of												
	A)	Peridotite	B)	Gabbro	C)	Diorite	D)	Granite					
22.	Viola	calaminaria i	s an ind	icator plant fo	or	prospecting.							
	A)	Fe	B)	Zn	C)	Cr	D)	Mn					
22	VV 4		- C	:4: F-O :	: - 41 1-4	. 4 . 1	: 41	- 641 41	ı_				
23.		Lower crust		of the earth	1.								
	A)				B)	Lower man	l le						
	C)	Upper mant	ie		D)	Outer core							
24.	Choo	se the mismate	ch:										
	A)	Nebular hyp	othesis-	Immanuel Ka	ant								
	B)	Planetesima	l Hypot	hesis -Chamb	erlin								
	C)	Tidal Hypot	hesis-H	arold Jeffrey									
	D)	Cloud Hypo	thesis -	Urey									
25.	Find	the statement	which is	not correct									
23.	A)				the 660 l	km discontinu	itv is ca	lled the transition	on				
	,	zone					J						
	B) Asthenosphere readily deforms by creep												
	C)	Low Veloci	ty Zone	(LVZ) occurs	s at the to	p of the asther	nosphere						
	D)	1.1			middle p	art of the lithe	osphere a	and the lower pa	ırt				
		of the asther	nospher	e									
26.	88% of the Earth's heat is lost from the												
20.	A)	Upper crust			B)	Lower crus	t						
	C)	Mantle			D)	Lithosphere							
27	TD1		. 1:1	.1 1		,. ,		1 (0 :)					
27.	The temperature at which thermal remnant magnetization is acquired (Curie temp) in magnetic minerals (Fe-Ti oxides) lies between°C and°C												
	_	magnetic minerals (Fe-Ti oxides) lies between°C and°C A) 500 and 600 B) 400 and 500											
	C)	600 and 700			Б) D)	350 and 450							
	C)		,		D)	330 and 430	J						
28.	Magı	netic surveys a	re usefu	l for locating		deposits.							
	A)	Salt dome			B)	Barite							
	C)	Pyrrhotite-ri	ich sulp	hide	D)	Graphite							
29.	Whic	h one of the fo	ollowing	r is a gas giant	t nlanet?								
2).	A)	Neptune Neptune	B)	Jupiter	C)	Pluto	D)	Uranus					
	11)	reptaire	2)	vapitei	٥)	1 1000	2)	Clarius					
30.	Whic	h is the correc	-	-	_	ensity of rocks	?						
	A)			ne-Rhyolite-S									
	B)		_	uartzite-Limes									
	C)	•		nestone-Sands									
	D)	Sandstone-S	Shale-Li	mestone-Qua	rtzite								
31.	The	Γharsis bulge i	s the do	minant structi	ure on the	surface of							
	A)	Moon	B)	Saturn	C)	Mars	D)	Venus					

32.	Ceres	s is a well-stud	lied						
	A)	Comet	B)	Satellite	C)	Asteroid	D)	Meteorite	
33.	The A	Assam Himala	yas is th	e portion of the	ne Himala	yas lying bet	tween the	rivers	
	A)	Indus and G	•	•	B)				
	C)	Ganges and	_	nnutra	D)	Kali and Tista.			
	Ο)	Guiiges una	Diamin	pana	2)	11411 4114 1	1500.		
34.		se the correct				~ .	~		
	A)	Beryl		Be Al₂O₄	B)	Corundum		nO ₂	
	C)	Cerussite	-	PbSO ₄	D)	Spinel	- N	IgAl₂O₄	
35.	Exan	nine the statem	ents and	d find which o	ne is true	<u>.</u>			
	A)			f quartz is 0.0					
	B)			ns of minerals		s have a thic	kness of	0.03cm	
	C)			the prismatic			KIIC33 OI	0.05 c m	
	,					are isotropic			
	D)	Garnet secti	ons nav	e very low rel	161.				
36.	Whic	h one of the fo	ollowing	g is correctly n	natched?				
	A)	Three four f	old axis	of symmetry		-	Isom	etric system	
	B)			ne six fold axis		netry -	Trigo	onal system	
	C)	Four two fo	ld axis o	of symmetry	-	-		orhombic system	
	Ď)			of symmetry		-		gonal system	
37.	Danat	tration twin is	commo	n in a	nd				
37.							d Dymita		
	A)	Calcite and		ite	B)		-		
	C)	Rutile and Z	arcon		D)	Albite and	Ortnocia	se	
38.	Whic	h of the follow	ving is n	ot correct?					
	A)	Spherical pr	ojection	is analogous	to a glob	e			
	B)	Stereograph	ic proje	ction is the be	st for det	ermining the	symmetr	y of crystals	
	Ć)			ls lower hemis					
	D)							gs and graphical	
	2)	determination		-	71 101 111	g v 1300		92 mm Simbinian	
20	Emb	onlymanta aans	utmusts d	ar anlarged n	orollol to	a rivor ahan	nal ta nr	yyant flooding are	
39.		ankments cons 1	structed	or emarged p	aranei to	a river chan	nei to pre	event flooding are	
	A)	Weirs	B)	Levees	C)	Fills	D)	Groins	
)	***************************************	2)	20,000	σ,	1 1110	2)	GI GIIII	
40.		_	-		-	of the same	substance	e measured at the	
		temperature a							
	A)	Donnay	B)	Harkar	C)	Miller	D)	Steno	
41.	Whic	h one of the fo	ollowing	g in the crust o	of the eart	h is considere	ed as a mi	nor element?	
	A)	Mn	B)	Ni	C)	Ca	D)	Cr	
	,		,		-,		-,	-	
42.		node of occuri	rence of	Kimberlites:	D)	0.11			
	A)	Dykes			B)	Sills			
	C)	Volcanic pii	nes		D)	All the abo	ve		

Perli			d with				
A)	Devitrification	on		B)	Diagenesis		
C)	Metamorphi	sm		D)	Isomorphism		
Amo	ng the followin	g which	n one is not a n	ormativ	e mineral in CII	PW noi	rm?
A)	Leucite	B)	Biotite	C)	Haematite	D)	Corundum
Man	y carbonatites a	re enric	hed in				
A)	Nb	B)	Rb	C)	U	D)	V
				•	_		
A)	Ophiolites	В)	Picrites	C)	Komatiites	D)	Anorthosites
Whe	n three phases of	coexist i	in a one-compo	nent sy	stem, the system	n is sai	d to be
A)	Bivariant	B)	Univariant	C)			Invariant
The	boundaries of	the time	e units in year	rs are g	iven below. Fir	nd the	one which is no
corre	ect.						
A)	Permian - Ti	riassic -	325Ma	B)	Cretaceous-T	ertiary	- 65Ma
C)	Archaean- P	roterozo	oic – 2500Ma	D)	Cambrian- Pr	roteroz	oic – 540Ma
Hiatı				tigraphic	e record.		
A)			eposition				
				n or botl	1		
D)	Period of ero	osion or	deposition				
			d is well know			о	n the earth.
	-	ssils		/			
C)	Plant fossils			D)	Igneous rock	S.	
		_		anded I	ron Formations	(BIF)?	
			-		D 1		
					Palaeoproteroz	ZO1C	
						i	in ahallaw
D)				ormea c	on cratons or pa	ssive ii	iargins in snaiiow
Whic	ch one is not re	cognise	d as a period of	f mass e	xtinction?		
			1	B)			
C)	Late Triassic			D)	Late Ordovic	ian	
In Ra	amsay's classifi	ication o	of folds, which	class ha	ıs parallel isogo	ns?	
A)	Class1 B	B)	Class 2	C)	Class 3	D)	Class 1 C
			unit overlying	a tecton	ic surface surro	unded	in map pattern by
	-	JUNS.		B)	Fenster		
A) C)		ndow		D)	Nappe		
	A) C) Amo A) Man A) Whe A) The corre A) C) Hiata A) C) Whice A) C) Whice A) C) United A) C) The corre	A) Devitrification C) Metamorphic Among the following A) Leucite Many carbonatites and A) Nb	A) Devitrification C) Metamorphism Among the following which A) Leucite B) Many carbonatites are enrice A) Nb B)	Among the following which one is not a nation A) Leucite B) Biotite Many carbonatites are enriched inA) Nb B) Rb	A) Devitrification C) Metamorphism D) Among the following which one is not a normative A) Leucite B) Biotite C) Many carbonatites are enriched in	A) Devitrification C) Metamorphism D) isomorphism Among the following which one is not a normative mineral in CII A) Leucite B) Biotite C) Haematite Many carbonatites are enriched in	A) Devitrification C) Metamorphism D) Isomorphism Among the following which one is not a normative mineral in CIPW not A) Leucite B) Biotite C) Haematite D) Many carbonatites are enriched in

55.	Fathor A)	n is a unit of Depth	 B)	Tempera	ture	C)	Salinity	D)	Speed
	,	1	,	-			J	,	•
56.		ons and rodding	are	dev	velop			orphoseo	d rocks.
	A) C)	Lineations Strike joints				B) D)	Foliations Lineaments		
	C)	Strike Joints				D)	Lineaments		
57.		of the following	_		_		_	_	
	A)	H ₂ , He, Li	B)	O_2,O_3, H	2	C)	H ₂ , N, Li	D)	He, O_2, H_2
58.	A Stre	am whose cour	se is co	ntrolled b	y the	form ar	nd slope of the	existing	g land surface:
	A)	Resequent stre				B)	Consequent s		
	C)	Obsequent str	eam			D)	Subsequent s	tream	
59.	Biscui	t –board topogi	raphy is	character	istic	of	landscape.		
	A)	Fluvial	B)	Aeolian		C)	Glacial	D)	Volcanic
60.	Match	the following	and cho	ose the co	rrect	answer			
		I				I			
		a) Red se			i)		current fault		
		b) Dead s c) Krakat			ii) iii)	Norma			
		/	loa Fangany	ika	iv)	Rift va Volcai	-		
		a) Lake I	angany	iku	11)	Voicai	iio		
	A)	a-i, b-iii, c-iv,				B)	a-ii, b-i, c-iv,		
	C)	a-iii, b-ii, c-i,	d-iv			D)	a-ii, b-iii, c-i	v, d-i	
61.	An is	land which is lo	cated o	n the Mid	-Atla	ntic Ric	lge or close to	it:	
	A)	Hawaii				B)	Diego Garcia		
	C)	Iceland				D)	Tasmania		
62.	In whi	ch of the follow	ving cou	ıntries pla	iteau	basalts	are found?		
	A)	Colombia and				B)	Sweden and	India	
	C)	Sri Lanka and	Bangla	desh		D)	Hungary and	China	
63.	Major	ity of the trench	nes in th	e sea–floo	or hav	/e			
	A)	Small positive			es	B)	Large negativ	_	•
	C)	No gravity an	omalies			D)	Large positiv	e gravit	y anomalies
64.	Match	the following a	and cho	ose the an	swer	s from t	he codes given	1	
		a) Argillad	ceous				i) Biolith	ite	
		*		rganic ori	_		ii) Rudite		
				liment wit		-	iii) Marl		
		d) Rock w	ith angu	ılar rock i	ragm	ents	iv) Arkose	;	
	A)	a-iv, b-iii, c-ii	, d-i			B)	a-iii, b-i, c-iv	, d-ii	
	C)	a-ii h-iii c-i	d-iv			D)	a-i h-iv c-ii	d-iii	

65.						ne does not imp				
	A)	Pelagic	B)	Neritic	C)	Abyssal	D)	Bathyal		
66.	Rajm	ahal Hills are l	ocated i	n						
	A)	Jharkhand	B)	Uttarakhand	C)	Odisha	D)	Maharashtra		
67.	The s	lowest type of	mass w	asting which tal	kes pla	ce over a long	period o	of time:		
	A)	Slump		_	B)	Earthflow				
	C)	NuesArdente	•		D)	Creep				
68.	Bento	onites are almos	st comp	osed of	<u>-</u>					
	A)	Feldspars and	d silica		B)	Montmorillo	nite and	d colloidal silica		
	C)	Kaolinite and	d chlorit	e	D)	Illite and sili	ica gel			
69.	_		_		that or	riginated within	n a dep	ositional basin i	S	
		l congle	merate.		D)	F (C				
	A)	Intrinsic			B)	Extra-format	tional			
	C)	Intra-formati	onai		D)	Inter-fluvial				
70.	In the	Bouma Seque	nce cur	rent ripples and	lamina		in the -	part.		
	A)	Lower			B)	Middle				
	C)	Upper			D)	All the abov	e			
71.	Whic	h one of the fo	llowing	is not extinct?						
	A)	Acanthoda	B)	Paradoxide	C)	Placoderma	D)	Nautilus		
72.	Lam	ellibranchia is a	a/an							
	A)	Order	B)	Class	C)	Phylum	D)	Family		
73.	The Trilobites without Pygiduim are called									
	A)	Isopygous	, ,		B)	Apygous				
	C)	Micropygous	8		D)	Nonpygous				
74.	The p	orimitive horse	which 1	ived in the Eoc	ene Ep	och:				
	A) 1	Equus			B) 1	Hyracotheriu	ım			
	C)	Miohippus			D)	Merychippu				
75.	Choo	se the correct N	Match:							
	A)	Ambulacral of	canal -	Venus	B)	Pallial sinus	- Ech	inoid		
	C)	Cephalon -	Olenu	S	D)	Sutureline	- Tetr	ragraptus		
76.	Touri	maline comes u	nder							
	A)	Tectosilicate	S		B)	Inosilicates				
	C)	Cyclosilicate	es		D)	Phyllosilicat	es			
77.	Fossi	l remains of pri	imates a	re reported from	m the -					
	A)	Gondwana se			B)	Vindhyan se	diments	5		
	C)	Siwalik sedir	ments		D)	Kutch sedim	ents			

78.		th of the following	becai	me extinct in			riod?		
	A)	Ammonites			B)	Dinosaurs			
	C)	Belemnites			D)	All the above	e		
79.	A fol	d in which the axis	plun	iges directly d	lown the	e dip of the axia	al plane	is called	d
	A)	Isoclinal			B)	Reclined			
	C)	Similar			D)	Recumbent			
80.	In wh	nich type of aerial p	hoto	graph the hor	rizon is r	not seen?			
	A)	High oblique		C 1	B)	Panorama			
	C)	Low oblique			D)	Horizontal			
81.	The I	ndian Institute of R	Remo	te Sensing is	located	at			
	A)	Hyderabad			B)	Dehra Dun			
	C)	New Delhi			D)	Bangalore			
82.	The I	Eparchaean unconfo		- 1	ne				
	A)	Archaean from the							
	B)	The Precambrian			an				
	C)	The Cambrian fr							
	D)	The Mesozoic fr	om tl	he Palaeozoic					
83.		ılt that dips less tha	n 10°	°and has a lar	_	_			
	A)	Thrust			B)	Reverse faul	t		
	C)	Overthrust			D)	Upthrust			
84.	-	er Sander's (1948)							fold axis.
	A)	a B)	b	C)	c	D)	d	
85.		ypical copper sulph	nide 1	mineral forme		. •	ment:		
	A)	Chalcopyrite			B)	Covellite			
	C)	Chalcocite			D)	Tetrahedrite			
86.		e the Indian coast ds and has moderat		•	oroken l	pelt with subm	nerged	border a	and rocky
	A)	Konkan coast			B)	Karnataka co	oast		
	C)	Gujarat coast			D)	Kerala coast			
87.	Alfre	d Wegener, who ga	ave tl	he continental	l Drift h	ypothesis, was	a		
	A)	Geologist			B) .	Geographer			
	C)	Meteorologist			D)	Chemist			
88.	Whic	th one of the follow	ing s	statements is 1	not true?	•			
	A)	Mercalli Scale m	ıeasu	res intensity	of eartho	quakes.			
	B)	Richter scale me		_		-			
	C)	Rossi- Forell sca		_					
	D)	Modified Mercal	lli sca	ale has a rang	e from 1	to 8			

89.	The	Raghavapuram for	mation be	longs to		_					
	A)	Upper Jurassic			B)	Permian					
	C)	Cretaceous			D)	Triassic					
90.	Whic	ch of the following	g is not tru	e about	red boles	found between	Deccar	n Lava flows?			
	A)	Considered as r	narker ho	rizons							
	B)	Composed of p	yroclasts								
	C)	Consist of illite	, plagiocla	ase and	quartz						
	D)	Have basic com	position.								
91.	Choo	se the correct mat	ch								
	A)	Palaeogene per	iod	- Pa	laeocene, I	Eocene, Oligoc	ene				
	B)	Neogene Period		- Mi	iocene, Plic	ocene, Pleistoc	ene				
	C)	Quaternary per	iod	- Hc	olocene, Ple	eistocene					
	D)	Tertiary Period		- Pa	laeocene, I	Eocene, Mioce	ne				
92.	Whic Kera	ch intrusive rock i la?	s commo	n to Ch	engannur,	Kalpatta, Mur	nnar and	d Ambalavayal in	ì		
	A)	Gabbro 1	B) Gr	anite	C)	Syenite	D)	Anorthosite			
93.		formation, Jaipurng to age.	formatio	n, Chui	ru formatio	on and Bikane	r forma	ntion in Rajasthan	ì		
	A)	•	B) Tri	iassic	C)	Cretaceous	D)	Quaternary			
94.	The S	Siwalik sediments	have been	n depos	ited in	environme	nts				
	A)	Outwash plains			B)	Channel and		olains			
	C)	Lacustrine			D)	All the above					
95.	Which is major copper producing state In India?										
	A)	Uttar Pradesh			B)	Telengana					
	C)	Madhya Prades	h		D)	Maharashtra					
96.	Amo earth	ng the following?	rocks wh	ich giv	es the high	hest radioactiv	e heat	production in the)		
	A)	Dunite			B)	Granite					
	C)	Alkali basalt			D)	Peridotite					
97.	In se	lf-potential survey	s for mine	eral exp	loration	is used.					
	A)	Digital voltmet	er		B)	Digital Amm	neter				
	C)	Gravimeter			D)	Geophone					
98.	In ve	rtical electrical so	unding the	e variati	ion of	with depth is	s used.				
	A)	Density			B)	Resistivity					
	C)	Current			D)	Porosity					
99.	On th	ne basis of	three ma	in class	es of magn	etic behaviour	are dis	tinguished.			
	A)	Magnetic susce	ptibility		B)	Permeability	•				
	C)	Polarity			D)	Gravity					

100.	Thermal Infrared waves have wave lengths ranging between										
	A)	$0.7\mu m$ and $1.3 \mu m$		B)	1.2 μm and 1	.4 μm					
	C)	$3~\mu m$ and $14~\mu m$		D)	1.5 µm and 1	.8 μm					
101.		ine traced on the gro	ound directly be	eneath 1	the aircraft dur	ing acq	uisition of aerial				
	A)	Nadir line		B)	Azimuth						
	C)	Flight line		D)	None of the a	above					
102.	To m	easure the moisture co	ontent in bore ho	oles	are used.						
	A)	Calibrated neutron	logs	B)	Natural gamı	nalogs					
	C)	Resistivity logs		D)	Sonic logs						
103.	-	orincipal source of fluo	_		-						
	A)	Plagioclase B)	Enstatite	C)	Hornblende	D)	Dolomite				
104.		water zone forms part	of								
	A) Capillary Zone B) Intermediate Vadose										
	C)	Zone of Saturation		D)	Zone of Aera	ition					
105.	 Which of the following is not true about gravel packs surrounding the well screens? A) Stabilizes the aquifer B) Minimizes sand pumping C) Permits use of a small screen slot with a minimum open area D) Increases the effective radius and yield of the well 										
106.	From animal wastes, the most important persistent pollutant that may reach the water table is										
	A)	Nitrate- nitrogen		B)	Calcium and	Sodium	1				
	C)	Phosphorous		D)	Bicarbonate	Sociali	•				
107.	For th	ne Ghyben- Herzberg i	relation the den	sity of t	vnical sea wate	r is take	en as				
		1.100g/cm^3		-	•						
	C)	$1.025\mathrm{gm/cm^3}$		D)	1.050gm/cm ²	\$					
108.	Grou	ndwater withdrawn at	a rate exceeding	g rechar	ge results in						
	A)	Maximum Perennia	l Yield	B)	Mining yield						
	C)	Overdraft		D)	Deferred per	ennial y	ield				
109.	Hirak	and Dam constructed a	cross the Maha	nadi Ri	ver is						
	A)	A concrete gravity of	lam	B)	A masonry a		1				
	C)	An earth dam		D)	An arch dam	-					
110.		h of the following do vation of tunnels in an There should be only The rock should be The rock should be The rock should be	area? y one rock type without faults o hard but not sti	er intrus		geologic	eal conditions for				

111.	Compa	action grouting	is also	called				
	A)	Low mobility	grouting	g	B)	Clay grouting		
	C)	Jet grouting			D)	Compensation	n groutir	ng.
112.	Find th A) B) C) D)	Blueschist fac Greenschist fa Granulite facie Zeolite facies	ies cies es	metamorphic fa - Glaucophan - Albite-Trer - Hornblende - Laumontite	e nolite e-Plagio	_	nerals a	ssemblages.
113.	In Reg	ional metamor	ohism, r	netamorphic he	eat may	be transported	by:	
	A)	Conduction	. /	1	B) .	Conduction of	•	ction
	C)	Advection			D)	Convection or	advect	ion
114.	Fenitiz	cation is the for	mation	of metasomatic	rocks a	aroundin	trusions	
	A)	Alkaline syeni	ite		B)	Carbonatite		
	C)	Kimberlite			D)	All the above		
115.	Ductile	e flow of rocks	can occ	cur by				
	A)	Dislocation cr						
	B)	Granular flow		location creep				
	C)	Cataclastic flo						
	D)	Granular flow	, disloca	ation creep and	diffusio	on creep		
116.		e the mismatch		~.		~		
	A)	Diagenetic fol			B)	Composite fol		•
	C)	Gnessic foliati	ion - Gr	neiss	D)	Crenulation cl	leavage	- Schist
117.		ing mills are us	sed in	process of		•		
	A)	Crushing			B)	Grinding		
	C)	Jigging			D)	Screening		
118.		rinciple of Faun	al Succ	ession was stat	-			
	A)	A.G.Werner	_		B)	Nicholaus Ste	no	
	C)	William Smith	1		D)	Lehmann		
119.		ea covered in 4 or of 1:25,000 sl		urvey of India	topogra	aphic sheet will	l be sha	red among
	A)	2	B)	4	C)	6	D)	8
120.	Strike-	Oriented ridges	s are cha	aracteristic of -	d	ominated delta	ıs.	
	A)	River	B)	Tide	C)	Current	D)	Wave
