DEPT. OF GEOGRAPHY

ivam	e:				
Envi	ronmental Geolo	gy Final Exam, (Geog 115 Fall 2004		Dr. John F. Looney, Jr.
1.	Renewable: no	on-renewable as _		m,	
	a. tide	b. wave c. c	oal d. nuclear	e. both a & b	
2.	Soft: hard as _		anthracite.		
	a. bituminous	b. coke	c. lignite	d. brown	e. both c & d
3.		:straturation as v			
	a. Aquifer	b. Hydrologic	c. Phreatic	d. Hydrothermale. r	none of these
4.		orm as		Secretary and an analysis of the Danger of	
.77.	a. TDS	b. Mg c. C		e, none of t	hese
-				0.110110 011	1000
5.	a. acid	: Chemical as a	brasion: hydrolysis.	d.decomposition	o both a 0 d
6.	A: B as leache	d area:	- (-12 - 1 - 11)	d. all of them	
	a, soluble mate	eriai b. accur	nulation c. deposition	d. all of them	e. none of these
7.	Oxisol: Laterite	as	:arisdosal		
	a. caliche	b. Entisol c. hi	stosol d. spodisol	e. Mollesol	
8.	Pedalfer: Acid:	east as pedocal: I	pase:	1971	
	a. North b. Sou	th c. West	d. Southeast	e. Northeast	
9.	Permeable: im	nermeable as san	d/gravel:		
	a. pebbles	b. cobbles c. cl	id/gravel:d. bo	ulders e.both c & c	
10.					
10.	a. precious	b. rock c galena	d. hematite	e. kimberlite	
22					
11.	a. TRUE	umes 15% of moly	bdenum reserves and b. FALSE	produces 50% of the s	supply.
			761		
12.		m gypsum and hai			
	a. TRUE		b. FALSE		
13.		ge course particles	mined in the sea bed	d floor.	
	a. TRUE		b. FALSE		
14.	The U.S. with 6	5% of world popula	tion consumers I/6 of	the world's resources.	
	a. TRUE	p p p and	b. FALSE		
15.	The following a	nay he recycled: A	I, CR, Co, Cu, Au, No.		
	a. TRUE	iay de recycled. A	b. FALSE		
	The state of the s		+		

MAT	гсн						
16.	lead				a. smelting tox	ice	
17	copp	or		b. nodules			
18.		ganese			c. substitution	for motal	
19.					d. natural gas	ioi illetai	
20.	arsei					State 1	
	41-				e. strategic res	erve	
21.	meth						
22.	petro						
23.	merc						
24.	buta						
25.	plast	ic					
26.	Fossil fuels contain h	ydrogen and ox		LSE			
27.	Cracking process sep						
	a. TRUE		b. FA	LSE			
28.	Many different geological structures contain hydrocarbon deposits of fossil fuels. a. TRUEb. FALSE						
29.	Slightly less than 40% a. TRUE	of U.S oil supp		oroduced i			
30.	Geopressurized deep a. TRUE				rine injections.		
31.	There are more than a. TRUE	10,000 oil spills		ar resultino LSE		gallons lost,	
90	a mělova a ita		1020				
32.	anthracite		a.	soft			
33.	coke		b.	hard	CIVILADO DE SE		
34.	lignite		c.		actured		
35.	bituminous		d.	brown			
36.	peat		e.	uncon	solidated		
37.	Fusion nuclear plants	utilize					
	- TO SEE SEEDING OF COMMISSION OF THE TOP OF THE PROPERTY OF THE	tritium c. u	ranium		d, both a & b	e. n	one of these
38.	A problem of nuclear a. radioactivity b. me	power generation	on is	d was	to diaposal	e, all of thos	
	a. radioactivity b. in	andowne, ruern	anuling	u. was	te disposal	e. all of thos	e
39.	Geothermal power we	orko woll in					
39.	a. Lardarello, Italy	b Dussia	o 10		d. Greenland	a all of the o	
	a. Lardarello, Italy	o. nussia	c. Ja	pan	d. Greenland	e. all of ther	n.
40.	Diamona power sens	ration may are d	luca				
40.	Biomass power gene a. alcohol b. tre	ration may prod	d po	traloum		ural ana	
	a. alconor b. tre	es c. coai	a. pe	troleum	e. nati	ıraı yas	
41	Hawaii utilizaa aalar s	and anothermal	DALLAR				
41.	Hawaii utilizes solar a	and geothermal		U.C.E			
	a. TRUE		D. FA	ALSE			
40	Diamond Colons						
42.	Biomass fuel may util	ize manure	, д.				
	a. TRUE		b. FA	LSE			
7.0			277 hal 0 il 1007 h	2022			
43.	Electrical power usua a. TRUE	Illy is transporte			es.		

44.	Gasohol is usually 10% methane. a. TRUE b. FALSE
45.	Americans generate about 4 lbs/day of waste. a. TRUE b. FALSE
46.	The largest source of industrial waste is a. animal b. chemical c. paper d. cropse. minerals
47.	The common waste disposal site in Massachusetts
48.	The country with the largest garbage to energy conversion rate is
49.	In a sanitary landfill you and a. burn/bury b. compost/cover c. leach/run off d. recycle/ reuse e. none of them
50.	A good economic reason to recycle is that
MATC	H
51. 52. 53. 54. 55. 56. 57. 58. 59.	Soda bottles
61.	For non municipal waste plants the preferred treatment in Massachusetts is
62.	Most secondary sewage treatment utilizes a. screens b. chemicals c. filters d. both a & c e. none of these
63.	Massachusetts is one of the largest generators of radio active waste in the U.S. a. TRUE b. FALSE
64.	The U.S. Government selected Yucca Mountain as a nuclear waste site because a. arid climate b. low population c. low water table d. geological stability e. all of them
65.	Radioactive materials with the shortest I/2 life probability

66.	An important consideration in chemical contamination of water supplies is, a. point source b. non point source c- permeability d. resident time e. none of them					
MATC	Н					
67.	Pesticide	a. califaction				
68.	Thermal pollution	b. anaerobic				
69.	Fungicide	c. organic				
70.	PCB	d. Eutrophication				
71.	PVC	e. Negative human effect				
72.	H,S					
73.	Methane					
74.	Herbicide					
75.	Noxious gas					
76.	BOD	a. Califaction				
77.	Blue green algae	b. Anaerobic				
78.	Bloom	c. Organic				
79.	Teratogen	d. Eutrophication				
80.	Bog Formation	e. Negative Human Effect				
81.	Pesticides of restricted use in water are a. copper sulfate b. Rotenone c. DE Program to minimize amount of pesticides use a. IBM b. IPM c. PCB					
83.	The most common components of our air are a. Nitrogen b. oxygen c. carbon dioxide					
MATC	H					
84.	Oxides	a. Ozone				
85.	combustion products	b. Carbon monoxide				
86.	removed by rain from air	c. POM				
87.	high temperature	d. Nitrates				
88.	smog	e. Sulfur				
89	absorbs ultraviolet rays					
90.	may cause skin cancer					
91.	activated by CFC's					
92.	melanoma					
93.	O ₃					
94.	deadly					
95.	odorless					
96.	displaces hemoglobin in blood					
97.	urban industrial problem					
98.	low quality coal					
99.	acid rain					
100.	scrubbers					

101.			chemical solve	nts c.	heavy metals d.	UFFI
102.		b. unhealth			14.7 J. 14.1.1.0	21 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	a. moderate	b, unneaith	Tui C. V	ery unnealt	hful d. both b &	c e, none of these
103.			ollution include. c. catalytic conv	erters	d. wet scrubbers	e. all of them
104.	Diparian: Dr	ior consensiatio	n na Maatr			
104.	a. North b. So	outh c. \	n as West: Westd. N	lortheast	e. Southeast	
105.	According to a. TRUE		oture anything yo		yours. SE	
106.	According to a. TRUE		asonable use you		polluted water to stre SE	eams.
107.	The oldest U	S law concerni	ng water pollution	n is		
1.07.1	a. Riverways d. Water Qua	Act b. I ality Improveme	Municipal Sewage ent Act	e Act e. EPA	c. Clear Water Act	
108.	According to a. TRUE		can mine in the A		SE	
109.	Love Ca	an!				
110.					a. Superfund b. Field ACT	
111.					c. MDS	
112.	Environ	mental Policy			d. EIS	
113.	Cost Be	nefit			e. FFIP	
114.	Toxic w	aste site			W. T. L. L.	
115.	Rivers					
116.	pollution	exclusion				
117.	coasts					
118.						
119.	marine	dumping				
120.	soils					
121,	Manganese i	n smoke and a	erosols may caus	se nerve an	d brain damage.	
	aTF		bF		a brain damage.	
122.	Locoweed is aTF		ay cause hair los bFA	s or depres	ssion is rich in the che	mical selenium.
100	O-landon to A	-Carrier to the	V. V			
123.	aTF	aken up by the IUE	b,F		neat, cabbage and on	ions.
124.	Radon is con	nmonly found ir	1 .			
	a. Fe	b.ÚO²	c. granite		d. limestone	e. both a & b
125.	Humans livin a. Fe	g in coastal cor	mmunities have h	nigher rates d. Mn	of heart disease beca	
	a. 1 C	b. UO ₂	c. Na	G. IVIII	e, a	ill but c

	Certain chemicals in environments impact human	physiology.
126.	6. teeth	a, zinc
127.	7. growth	b. chromium
128.	3. insulin	c. lodine
129.	glucose tolerance	d. lead
130.	D. bone strength	e. Fluorine
131.	1. healing	
132.	2. infertility	
133.	3. poisoning	
134.	4. reproduction	
135.	5. thyroid problems	81
136.	6. Of the 8639 dams in the U.S., the Corps of Engine	ers says that approximately one third of are unsafe.
	aTRUE bFA	ALSE
137.	7. An Olympic site in France recently that was the sit	e of a poorly engineered dam was the
		c. La Rance d. Voiante e. Lido
138.		
	a, hydro power b, irrigation c, flood control	d. both a & b e. all of them
139.	9. A good environmental planner would probably use	often all of the following maps except
	a. topographical b. geological c. politi	cal d. zoning e. flood plain
140.	D. Point source pollution is easier to define than non-	point source pollution.
	aTRUE bFALSE	
141,	The Field Act is important in re-establishing inner of the control of the co	city brown fields
	aTRUE bFALSE	
142.	2. A dam that holds base water, generates power, pr	ovides irrigation is described as segmental use function.
Action 6	aTRUE bFALSE	evises inigation to document as degitierital ase fairbillors.
143.	In the US for planning purposes land value is described.	arihad as the highest and best possible use
140.	aTRUE b. FALSE	
	u	
144.	 Pesticides can combine and react with mud. 	
	aTRUE bFALSE	
145.	5. Zoning, as we know it, is less than 100 years old in	LIS practices
0.000	aTRUE bFALSE	
146.	The Federal Government may legally allow mining	a Natural Park Land.
	aTRUE bFALSE	
147.	7. There is a natural conformity on water rights and la	aw in the US
12.005	aTRUE bFALSE	
	3,	
148.	 A pond with pH 4,2 could be sterile. 	
	aTRUE bFALSE	
1.40	Tomporatura invaraina contributor to to contributor to	to on humana
149.	 Temperature inversion contributes to smog impaction aTRUE bFALSE 	
	aINOE DPALSE	
150.	D. The movement of POM's is dependant upon size a	and amount of rain.
-,	aTRUE bFALSE	

Have a nice Vacation!