## **COLUMBUS STATE COMMUNITY COLLEGE**

ESSH 1101-Introduction to Environmental Science, Safety & Health

Quiz 1 – Units 1 & 2 (60 points)

Name: DAVID KERSHIER

	1.	The maximum number of individuals of a species that can be sustained by an environment
		without decreasing the resources into the future is referred to as (2 points)
		Sustainability Sustainability
		(b) Carrying Capacity
		c. Human Population Growth
		d. Utilitarianism
		heavy being a think their continues in the call.
Ú.	2.	Many of the earth's resources are currently being utilized at an unsustainable rate. For
		example certain minerals, ground water, land and wildlife. The formal scientific definitions
		Sustainability: the capacity of the Garth's refined systems that
		support life and lunar economic systems to surveye a adapt to changer
	2	Identify two specific results linked to Rachel Carson's book Silent Spring. (4 points)
	J.	
		1. Heightened public annevers to polletin fewveronmental issues
		2. Regulation of several dangerous perficiels
		2. July of Marine Manager of party
	4	Over the last 200 years, death rates have dropped sharply because of improved sanitation and health
	100	care, including the development of antibiotics and vaccines to help control infectious diseases. (2
	- 1/2	point)
	a.	True
	b.	Fals
		e 1889   1 200 20 0 0 100 0 0 0 0 0 0 0 0 0 0 0
	5.	Describe what is meant by Exponential Human Population Growth, and illustrate
Mark Comment		exponential growth graphically where provided (4 points) Francisco Lief court for the court
3	)= <u>\$</u>	exponential growth graphically where provided. (4 points) Exponential growth owns
Ä	16	with a quentry total
<u>م</u>	i	perentage per unit of time. Typically at starts slowly but after a few
J	יו א	it starts slowly but efter e few
	pulation	doublings it grows to enounce musters
	μď.	as a first of first of

b. Fals e			
13. The rate of population growth has slowed since 1960, but the world point)  a. True  b. Fals	l's population is still growing. (1		
e e			
14. Cities can't ever be sustainable because they have such high concentrations of people, automobile business enterprises, and industries. (1 point)			
b. Fals			
15. Although car sharing has been successful in Europe, it has never be point)	een tried in the United States. (1		
a. True			
b)Fals e			
16. To keep human population constant, the global total fertility rate w	ould have to equal(1 point)		
a. 0 b. 0.			
5 C 1			
d.2.			
17. The population of a country will decline if its age structure diagrama, is widest in the middle	m(1 point)		
b. does not change in width until the very top			
c. is shaped like a skinny pyramid			
d. is shaped like a broad-based pyramid			
e. i) wider at the top than at the bottom			

- c. Environmental wisdom worldview
- d. Life-centered worldview
- 25. In contrast to the life-centered worldview, the human-centered environmental worldview considers all species as having value as participating members of the biosphere regardless of their potential or actual use to humans. (1 point)
- a. True b. Fals
- 26. Exponential growth occurs when a quantity such as the human population increases at a fixed percentage per unit of time, such as 0.5% or 2% per year. (1 point)

27. Natural resources are considered natural capital, whereas ecosystem services are not. (2 points)

Natural capital= natural resources + ecosystem services