

NAME (PRINT CLEARLY) \_\_\_\_\_

1. In how many societies are all things that are edible actually eaten?
  - a. all
  - b. most
  - c. a few
  - d. none (No culture eats everything available to it)**
  
2. The largest fish is
  - a. the whale shark**
  - b. the blue whale (Not a fish)
  - c. the great white shark
  - d. the oarfish (This is the largest bony fish, and is smaller than the whale shark)
  
3. "Ghost fishing" refers to
  - a. stories about supernatural beings trying to catch fish
  - b. stories about the spirits of fish looking for the people who caught them
  - c. fishing equipment that has broken free and is floating in the ocean**
  - d. none of these
  
4. "By catch" refers to
  - a. fish that are accidentally caught and are not the kind the fishermen are after**
  - b. fish that are bought to use for bait
  - c. fish that are purchased for the crew on a fishing vessel to eat
  - d. fish that bring a higher price than expected.
  
5. Which of the following has (have) been used to define "culture"
  - a. shared learned behavior
  - b. rules for behavior
  - c. that which occurs when humans come together in social organization
  - d. all of the above**
  
6. The earliest evidence we have for pelagic fishing dates from about
  - a. 300,000 years ago
  - b. 40,000 years ago**
  - c. 1,000,000 years ago
  - d. 5,000 years ago
  
7. A "holdfast" is something which occurs
  - a. on kelp to attach it to surfaces**
  - b. on ships, to make sure they stay anchored
  - c. as a true root in some algae
  - d. none of these

8. Giant tube worms are found in the area near
- a. coral reefs
  - b. estuaries
  - c. **hydrothermal vents**
  - d. mangrove swamps
9. When one middle level of the food chain is removed usually
- a. the level above increases
  - b. the level below decreases
  - c. **the level above decreases**
  - d. there is likely to be no change
10. What percent of the energy gotten from eating can be used for the organism's growth?
- a. **about 10%**
  - b. about 50%
  - c. about 90%
  - d. about 25%
11. Growth overfishing takes place when
- a. the amount of overfishing keeps increasing
  - b. **too many of the smallest (youngest) fish are being taken**
  - c. too many of the oldest (largest) fish are being taken (THIS IS RECRUITMENT)
  - d. none of these
12. Nets which are pulled behind on fishing vessel are called
- a. gill nets
  - b. purse seine nets
  - c. long lines
  - d. **trawls**
13. Regulations now cover
- a. the size of the openings in the nets
  - b. the strength of the nets
  - c. the degradability of the nets
  - d. **all of these**
14. The blood of which animal is used to test pharmaceuticals?
- a. cetacean
  - b. hammerhead sharks
  - c. sessile invertebrates
  - d. **horseshoe crabs**

15. Life forms that give off light are
- a. found only in the depths of the ocean (algae are on the surface)
  - b. found only on the surface of the ocean (bioluminescent fish are aphotic)
  - c. **are found at different depths of the ocean**
  - d. exist only in the air like glow worms or fireflies
16. What are areas where water covers the soil either all year or at different times of the year – which includes the growing season of plants.
- a. estuaries
  - b. **wetlands**
  - c. coral reefs
  - d. mangroves
17. Which of the following minerals has (have) not been found in the ocean?
- a. salt
  - b. gold
  - c. tin
  - d. **all of the above have been found in the ocean**
18. Algae are
- a. largely one celled heterotrophs
  - b. only one celled autotrophs
  - c. **largely one celled autotrophs but with some multicellular autotrophs as well**
  - d. some one celled and some multicellular heterotrophs
19. The largest structure made by non human animals on earth is
- a. terrestrial
  - b. **marine (salt water)**
  - c. aquatic (fresh water)
  - d. atmospheric
20. Which species has staged enough of a come back to be removed from the endangered species list?
- a. **California gray whale**
  - b. North Atlantic right whale
  - c. Blue whale
  - d. whale shark
21. The article on sponge diving deals largely with
- a. **deep sea or hard hat diving**
  - b. Scuba diving
  - c. mask-hose diving
  - d. nude diving

22. Pearls

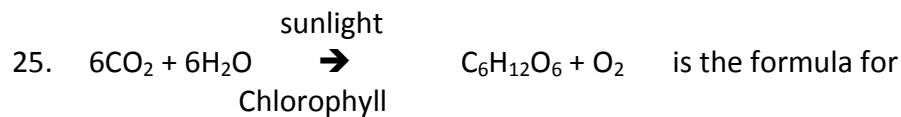
- a. can come only from arthropods (these are joint legged animals like insects and crabs)
- b. occur only naturally with material accidentally getting into the organism that makes the pearl (cultured pearls are deliberately made not accidentally)
- c. can be farmed only by men in Japan (are farmed by women – see article)
- d. None of the above are true**

23. Shipping in ancient Rome

- a. was not very profitable
- b. was not very extensive
- c. has been investigated by maritime archaeologists**
- d. had routes going as far as the New World.

24. If humans are defined as the only “tool users”, which animal contradicts this

- a. chimpanzees
- b. sea otters
- c. some birds that drop shell fish on rocks
- d. all of these**



- a. photosynthesis**
- b. chemosynthesis
- c. hydrolysis
- d. metathesis