

NAME (PRINT CLEARLY) _____

1. The Mary Celeste mystery was resolved when
 - a. it was discovered the crew had mutinied
 - b. had a single clock which was malfunctioning**
 - c. had encountered a rogue wave
 - d. had lost all of the sails

2. The largest of the bony fish is
 - a. the whale shark
 - b. the blue whale
 - c. the great white shark
 - d. the oarfish**

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 accidently 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 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
- coral reefs
 - estuaries
 - hydrothermal vents**
 - mangrove swamps
9. When one middle level of the food chain is removed
- the level above increases
 - the level below decreases
 - the level above decreases**
 - there is likely to be no change
10. What percent of the energy gotten from eating can be used for the organism's growth?
- about 10%**
 - about 50%
 - about 90%
 - about 25%
11. Growth overfishing takes place when
- the amount of overfishing keeps increasing
 - too many of the smallest (youngest) fish are being taken**
 - too many of the oldest (largest) fish are being taken
 - none of these
12. Nets which are pulled behind on fishing vessel are called
- gill nets
 - purse seine nets
 - long lines
 - trawls**
13. Regulations now cover
- the size of the openings in the nets
 - the strength of the nets
 - the degradability of the nets
 - all of these**
14. Magic and religion were seen as more closely related to one another than to science because they
- both deal with cause and effect
 - were both in the realm of the supernatural**
 - were both in the realm of the profane
 - were both involved with supplication

15. "You shouldn't eat oysters in months without an "r"
a. **is true for ocean grown oysters**
b. is true for all oysters, whether ocean raised or raised in tanks
c. is not true at all
d. is an injunction found in Leviticus
16. Rituals marking changes of status are known as
a. initiations
b. baptisms
c. **rites of passage or transition**
d. none of these
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. Animals which are born in the sea but live their lives largely in fresh water are
a. anadromous
b. **catadromous**
c. osteichthyes
d. chondrichthyes
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 oysters
- b. occur only naturally with material accidentally getting into the organism that makes the pearl
- c. can be formed only by men in Japan
- 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. The tying of a "Carrick bend" in some hard hat diving helmets is an example of

- a. skilled divers showing off their trade
- b. a religious practice
- c. a magical in a risky business**
- d. a practice which can be shown scientifically to be needed for safe dives.

25. $6\text{CO}_2 + 6\text{H}_2\text{O} \xrightarrow[\text{Chlorophyll}]{\text{sunlight}} \text{C}_6\text{H}_{12}\text{O}_6 + \text{O}_2$ is the formula for

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