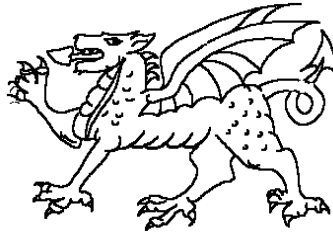


# Menai High School



## Marine Studies Oceans Alive

### Year 9 Examination 2011

**Time Allowed: 40 minutes**

#### **Instructions to Students:**

- All questions are compulsory ie Answer all questions.
- All questions must be answered in the **ANSWER BOOK** provided.
- Do **NOT** mark this **QUESTION BOOK** in any way.
- **ALL** papers must remain in the room at the end of this examination.
- Do **NOT** remove any papers from the room.
- Any form of cheating or communication with other students, may result in the cancellation of all or part of your exam paper.
- All written work is to be done in blue or black ink/ biro.
- Students are advised to use a **PENCIL** and **RULER**, if appropriate, for diagrams and graphs.
- Rulers, rubbers and approved calculators may be used in all parts of the exam.

#### **THIS EXAM PAPER IS DIVIDED INTO 3 PARTS:**

- Part A** This part contains 10 multiple choice questions (1 mark each).  
Answer each question in **PENCIL** on the special **ANSWER SHEET** provided.
- Part B** Answer TRUE or FALSE for Questions 11 to 20.
- Part C** Short Answer Questions.

## Part A Multiple Choice

Choose the correct answer and mark the letter (A, B, C or D) on the answer sheet.

1. Essential items for snorkelling are:
  - A. fins, snorkel and mask
  - B. mask, wet suit and fins
  - C. weight belt, snorkel and fins
  - D. wet suit, snorkel and mask
  
2. The bore on a snorkel should not be too long and thin because:
  - A. it will get caught on overhead objects
  - B. it causes a CO<sub>2</sub> problem as a diver re-breathes his own air
  - C. it is too difficult to clear the water from
  - D. you need a large lung volume to clear the snorkel
  
3. Equalisation during descent is necessary because:
  - A. the pressure inward on the eardrum is greater than outwards
  - B. the pressure outwards on the eardrum is greater than inward
  - C. the pressure of air in the lung increases
  - D. the ear becomes filled with water
  
4. When you are fishing from the rocks
  - A. You should be sure to have plenty of bait
  - B. You should use very strong line in case it gets snagged
  - C. You should always be aware of tide, sea and weather conditions for that area
  - D. You cannot catch more than six sand habitat fish
  
5. Fear of sharks is common because:
  - A. Sharks commonly attack people who go into the ocean.
  - B. The media and movies portray sharks as evil man-eaters.
  - C. Most sharks will attack humans on sight
  - D. Most sharks are large, aggressive fish.

6.

This method of catching fish is referred to as

- A. Beach Seine
- B. Purse Seine
- C. Otter Trawl
- D. Drift Net

7. When fishing, a **sinker** is used to

- A. Hit fish and knock them out
- B. Help cast the bait as far as possible
- C. Hold the line at the bottom, so the bait is held in the correct location or depth
- D. Hold the boat in the same position

8. Recreational and sports fishing people often use a 'lure'. The lure is used to

- A. Float the bait at the right depth
- B. Ward off unwanted fish
- C. Attract fish to the net
- D. 'Resemble' live bait

9.

This type of commercial fishing is referred to as

- A. A Danish Seine
- B. A drop line
- C. A long line
- D. Trolling

10. The correct first aid treatment for bluebottle stings is to put what on the affected area?

- a. alcohol
- b. vinegar
- c. hot water
- d. ice or cold water



## Part B

Answer TRUE or FALSE to the following statements.

11. A stingray is regarded as an 'aggressor' type marine organism. \_\_\_\_\_
12. A blue and white dive flag should always be displayed when diving. \_\_\_\_\_
13. A retaliator is an animal that attacks humans and other animals only when it feels threatened. \_\_\_\_\_
14. Commercial fishing and recreational fishing are both regulated by the NSW Department of Primary Industries, Fisheries. \_\_\_\_\_
15. Fishing regulations help to protect fish stocks for future generations. \_\_\_\_\_
16. Pole fishing uses a barbless, baitless hook and is used to catch schooling fish like tuna whilst in a feeding frenzy. \_\_\_\_\_
17. A **trawl net** is dropped off by a boat between two buoys then picked up some time later. \_\_\_\_\_
18. Lures can be made to **dive** to a certain depth by adjusting the angle of the bib. \_\_\_\_\_
19. The main reason that commercial fishing vessels use **nets** is to capture the fish alive and not hurt them before they are taken to market. \_\_\_\_\_
20. **Drift Netting** is dangerous to marine life because it is left in place for relatively long periods and catches **anything** that comes through it. \_\_\_\_\_

## Part C

21. In the table provided list the **name** of each part of this recreational fishing tackle **and** the **function** of each part.

22. Explain why the following **regulations** are used by the NSW Fisheries Department.

(a) **Minimum size** limits for fish. \_\_\_\_\_  
\_\_\_\_\_

(b) **Maximum size** limits for fish. \_\_\_\_\_  
\_\_\_\_\_

(c) **Total catch** number (maximum). \_\_\_\_\_  
\_\_\_\_\_

(d) **Mesh** size for fishing nets. \_\_\_\_\_  
\_\_\_\_\_

(e) **Seasonal closures** (no fishing during certain times of the year). \_\_\_\_\_  
\_\_\_\_\_

23. When making a pencil float for fishing explain **two features** that assist the purpose or performance of the float.

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24. List 3 safety procedures that you need to follow during an open water snorkelling exercise.

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25. Name a creature that could be a danger to people walking in shallow water and what people should wear to improve their safety.

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26. Describe the 3 steps that you need to follow in order to **'clear'** your mask.

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