

Name Date

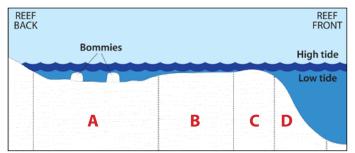
Organisation

1	The information provided in the Rapid Monitoring Survey informs		
	Marine Park managers about conditions on the reef.		
	True or false?		

- **A** True
- **B** False
- **2** The Rapid Monitoring Survey fits into the Early Warning System component of the Eye on the Reef Program. True or false?
 - **A** True
 - **B** False
- **3** The GBRMPA zoning maps can be used to find:
 - **A** the Reef ID, tidal charts and Reef name:
 - **B** the Marine Park Zone, latitude and longitude.
 - **C** the Reef ID, Marine Park Zone and Reef name:
 - **D** the Reef ID, Reef name and water temperature.
- **4** The preferred GPS format for the latitude and longitude is decimal degrees. An example of decimal degrees is:
 - **A** -14.6689°, 145.4594°
 - **B** -14°40'08", 145°27'34"
 - **C** -14°40.133, 145°27.567



5 Which letter – A, B, C or D – indicates the lagoon?



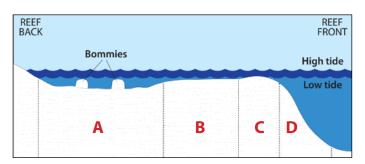
- 6 Identify the reef habitat highlighted in red.
 - A Lagoon
 - **B** Flat
 - **C** Crest
 - **D** Slope



- 7 Identify the reef habitat highlighted in red.
 - A Lagoon
 - **B** Flat
 - **C** Crest
 - **D** Slope



8 Which letter – A, B, C or D – indicates the slope?





- 9 Identify the benthos shown in the photo.
 - **A** Macroalgae
 - **B** Live coral
 - **C** Live coral rock
 - **D** Coral rubble



- 10 On the Rapid Monitoring form, in which categories would you put this benthos and animal?
 - A Coral rubble, anemone
 - **B** Sand, sea cucumber
 - **C** Gravel, sea cucumber
 - **D** Gravel, anemone



- 11 On the Rapid Monitoring form, in which category would you put this fish?
 - **A** Anemonefish
 - **B** Grazing herbivore
 - **C** Coral trout
 - **D** Butterflyfish



- **12** On the Rapid Monitoring form, in which category would you put these fish?
 - **A** Grazing herbivores
 - **B** Butterflyfish
 - **C** Coral trout
 - **D** Anemonefish





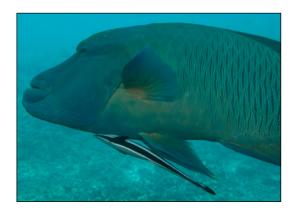
- **13** On the Rapid Monitoring form, in which category would you put these animals?
 - **A** Giant clam
 - **B** Sea cucumber
 - **C** Hard coral
 - **D** Macroalgae



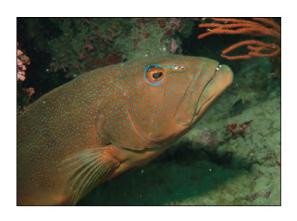
- 14 Identify the turtle species shown in the photo.
 - A Hawksbill turtle
 - **B** Green turtle
 - **C** Leatherback turtle
 - **D** Olive Ridley turtle



- **15** On the Rapid Monitoring form, in which category would you put this fish?
 - **A** Parrotfish
 - **B** Cod
 - **C** Grouper
 - **D** Maori wrasse



- **16** On the Rapid Monitoring form, in which category would you put this fish?
 - **A** Coral trout
 - **B** Maori wrasse
 - **C** Grazing herbivores
 - **D** Shark





- **17** On the Rapid Monitoring form, in which category would you put this animal?
 - **A** Giant clam
 - **B** Drupella
 - C Sea cucumber
 - **D** Anemone



- **18** On the Rapid Monitoring form, in which category would you put this fish?
 - **A** Anemonefish
 - **B** Grazing herbivores
 - **C** Butterflyfish
 - **D** Sea cucumber



- 19 On the Rapid Monitoring form, in which category would you put this fish?
 - A Maori wrasse
 - **B** Cod
 - **C** Coral trout
 - **D** Grazing herbivores



- 20 Identify the shark species shown in the photo.
 - A Blacktip reef shark
 - **B** Whitetip reef shark
 - **C** Epaulette shark
 - **D** Leopard shark





21 Identify the benthos indicated in the photo.

- A Live coral
- **B** Recently dead coral
- **C** Live coral rock
- **D** Coral rubble



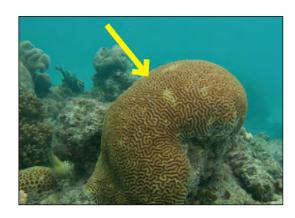
22 Identify the benthos shown in the photo.

- **A** Macroalgae
- **B** Recently dead coral
- **C** Live coral rock
- **D** Coral rubble



23 Identify the benthos shown in the photo.

- **A** Macroalgae
- **B** Live coral
- **C** Recently dead coral
- **D** Live coral rock



24 Identify the benthos shown in the photo.

- **A** Macroalgae
- **B** Recently dead coral
- **C** Live coral rock
- **D** Coral rubble





25 Identify the benthos shown in the photo.

- **A** Macroalgae
- **B** Recently dead coral
- **C** Coral rubble
- **D** Live coral rock



26 Identify the benthos shown in the photo.

- **A** Macroalgae
- **B** Live coral
- **C** Recently dead coral
- **D** Live coral rock



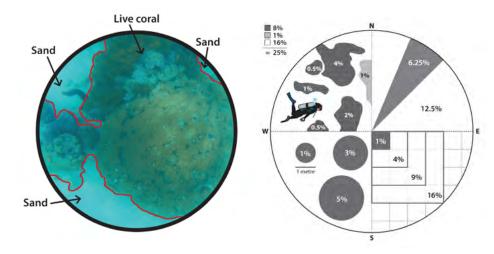
27 Identify the benthos shown in the photo.

- **A** Macroalgae
- **B** Recently dead coral
- **C** Live coral
- **D** Live coral rock

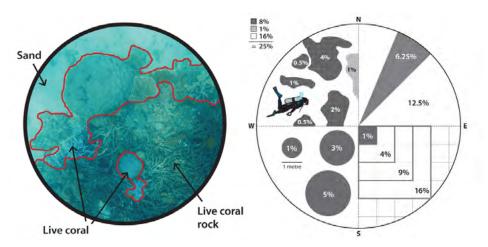




- 28 Which is the best estimate for % cover in the survey circle shown? Use the guide to estimating % cover to help you decide.
 - A Sand 20%, Live coral 80%
 - **B** Sand 40%, Live coral 60%
 - C Sand 60%, Live coral 40%
 - D Sand 80%, Live coral 20%



- 29 Which is the best estimate for % cover in the survey circle shown? Use the guide to estimating % cover to help you decide.
 - A Sand 10%, Live coral rock 80%, Live coral 10%
 - **B** Sand 20%, Live coral rock 50%, Live coral 30%
 - C Sand 30%, Live coral rock 10%, Live coral 60%
 - D Sand 40%, Live coral rock 30%, Live coral 30%



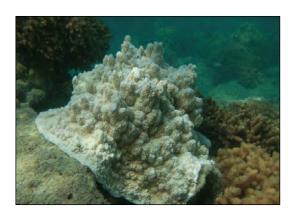
- **30** It is the zooxanthellae present in the coral polyps that provide the bright colours of corals. True or false?
 - **A** True
 - **B** False



- **31** The photo shows an example of coral bleaching. True or false?
 - **A** True
 - **B** False



- **32** The photo shows an example of predation. True or false?
 - **A** True
 - **B** False



- **33** The photo shows an example of predation by *Drupella*. True or false?
 - **A** True
 - **B** False



- **34** The photo shows an example of bleaching. True or false?
 - **A** True
 - **B** False





- **35** The photo shows an example of coral competition. True or false?
 - **A** True
 - **B** False



- **36** The photo shows an example of disease. True or false?
 - **A** True
 - **B** False



- **37** The photo shows an example of disease. True or false?
 - **A** True
 - **B** False



- **38** The photo shows an example of damage. True or false?
 - **A** True
 - **B** False





- **39** The photo shows an example of Crown-of-thorns starfish predation. True or false?
 - **A** True
 - **B** False



- **40** Some corals such as the one shown in this photo are naturally pale. This is not an impact. True or false?
 - **A** True
 - **B** False



When you are finished, go to the File menu and choose 'Save as' (not 'Save') to keep a copy of your answers.

Final Exam – Answer summary



Name Date

Organisation

The answers you enter on the previous pages will also appear here. This makes it easier to mark the answers, or you can print the page first so you can answer with pen on paper.

1	11	21	31
2	12	22	32
3	13	23	33
4	14	24	34
5	15	25	35
6	16	26	36
7	17	27	37
8	18	28	38
9	19	29	39
10	20	30	40

When you are finished, go to the File menu and choose 'Save as' (not 'Save') to keep a copy of your answers.