



Upper secondary
Week 10

The Write Tribe

PAPER 2 TECHNIQUES
SECTION C



Section C

[25 Marks]

Text 3

The text below is about sediment being dumped at Abbot Point. Read it carefully and answer Questions 14 – 19.

- 1 Three million cubic metres of sediment from dredging to expand a coal port will be dumped in the Great Barrier Reef marine park, after the park authority approved the move on Friday. The spoil resulting from the Abbot Point port project is to be dumped 24km away at a location near Bowen in north Queensland. The expansion, which hinged on the Great Barrier Reef Marine Park Authority's approval of the dumping, means an extra 70m tonnes of coal each year, worth between \$1.4bn and \$2.8bn, will go through the port, which is also a gateway to the world heritage-listed reef.
- 2 The authority granted approval with strict conditions on Friday afternoon. The authority chairman, Dr Russell Reichelt, said he recognised the amount of debate and community concern the project had generated and shared with everyone a strong desire to ensure the reef remained a great natural wonder into the future.

"This approval is in line with the agency's view that port development along the Great Barrier Reef coastline should be limited to existing ports," Reichelt said. "As a deep water port that has been in operation for nearly 30 years, Abbot Point is better placed than other ports along the Great Barrier Reef coastline to undertake expansion as the capital and maintenance dredging required will be significantly less than what would be required in other areas. It's important to note the seafloor of the approved disposal area consists of sand, silt and clay and does not contain coral reefs or seagrass beds."
- 3 North Queensland Bulk Ports Corporation had applied to dump within the Great Barrier Reef marine park and, although the authority was asked to make a decision within 10 days of the environment minister, Greg Hunt, approving the project in December, it asked for an extension. North Queensland Bulk Ports Corporation is also expected to come up with an alternative site that is also expected to be within the marine park. The corporation has maintained flora and fauna are unlikely to be damaged by the dumping, with the water perhaps becoming cloudy for a short period of time, but the UN body Unesco is reviewing the decision. The corporation says it would be more environmentally damaging to dump the spoil on land.
- 4 World Wildlife Fund Great Barrier Reef campaigner Richard Leck said it was a sad day for the reef and anyone who cared about its future. "Federal environment minister Greg Hunt failed to show leadership on this issue," he said. "Mr Hunt could have stopped the dumping of dredge spoil in reef waters instead he gave dumping the green light. "The World Heritage Committee will take a dim view of this decision which is in direct contravention of one of its recommendations." The committee is meeting in Doha in June when it might list the reef as world heritage in danger.
- 5 Greenpeace has previously said any dumping of spoil on the reef would be an "international embarrassment". "We wouldn't throw rubbish on world heritage sites

like the Grand Canyon or the Vatican City, so why would we dump on the reef?" said a spokeswoman, Louise Matthiesson. "Scientists are clear that the potential impacts of dumping the dredge spoil so close to fringing reefs and the WWII Catalina plane 40 wreck are significant."

- 6 Great Barrier Reef campaign director with the Australian Marine Conservation Society, Felicity Wishart, said: "Most Australians are shocked and angry at this decision by the marine park authority and minister Hunt to allow dumping of dredge spoil in reef waters. "Across the board, people expect them to defend the reef, not approve 45 its destruction."

Adapted from: <http://www.theguardian.com/environment/2014/jan/31/great-barrier-reef-dredging-spoil-dumping-approved-abbot-point>

14. (i) With reference to paragraph 1, what is the purpose of dumping the sediment at Abbot Point? [1]

- (ii) With reference to paragraph 1, explain the motivation for such a development? [2]

15. From paragraph 2, quote the phrase which illustrates that the public is very much concerned about the project. [1]

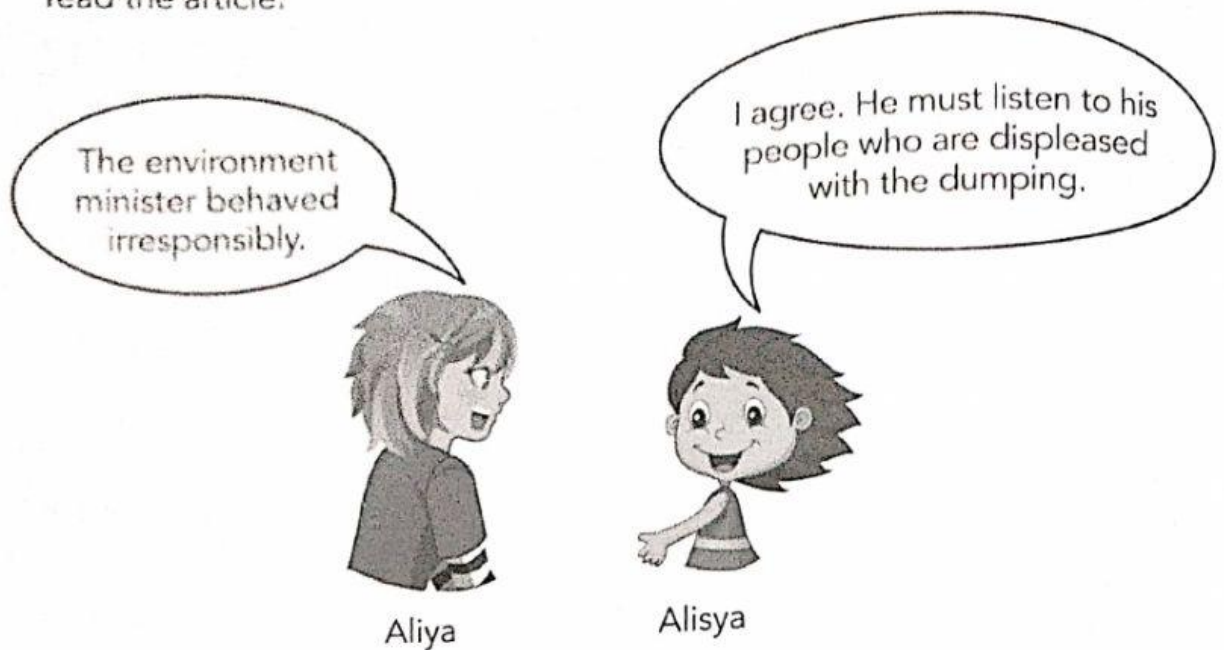
16. From paragraph 2 (line 12), 'This approval is in line with the agency's view that port development along the Great Barrier Reef coastline should be limited to existing ports'. [2]

Quote the word/phrase from the given sentence which means:

consistent	
restricted	

17. At the beginning of paragraph 5 (line 36) why would the dumping be viewed as an 'international embarrassment' ? [2]

18. Here is a part of a conversation between two students, Aliya and Alisya, who have read the article.



- (i) Quote a phrase from paragraph 5 that Aliya can use to support her view. [1]

- (ii) State evidence from paragraph 7 that Alisya can use to support her view. [1]

19. Using your own words as far as possible, summarise the reasons Abbot Point was chosen to be the dumping area.

Use only the material from paragraphs 2 – 3 of Text 3.

Your summary must be in continuous writing (not note form). It must not be longer than 80 words, not counting the words given to help you begin.

Abbot Point is considered ideal as...

No. of words [15]