

Read **Text A, Kayaking**, in the insert and then answer **Questions 1(a)–1(e)** on the question paper.

### Text A: Kayaking

Kayaking is a fun activity that involves moving through water using a double-bladed paddle in a small buoyant vessel, a kayak. The paddler sits face-forward in a cockpit with the legs extended beneath a closed deck, propelling ahead with alternating side-to-side paddle strokes.

The kayak has been around for centuries. It was first used by people living in the Arctic regions for navigating waterways. It offered a pragmatic way to hunt, fish, and transport passengers across water. 5

Nowadays kayaking is also a great activity for enthusiasts of all levels – one reason for its popularity. It can be a wonderful way to discover quiet, shallow waters at the edge of a lake, or an exciting high-energy sport racing along fast-moving rivers and rapids. Open to everyone, basic kayaking requires no previous experience other than a passion for exploring open waters. 10

Kayaking can be combined with other outdoor activities like camping and fishing, adding another layer of challenge to your trip. If you plan on ski-touring or rock-climbing in areas that require water travel, a kayak can be an excellent tool for accessing the remote beauty of a region. 15

Kayaks come in two basic styles: sit-on-top and sit-inside. Sit-on-tops are increasingly popular as they're the most stable, easy to get in to and out of, so a great choice for new, or nervous paddlers, for warm environments and for paddling with kids who love to swim. Sit-insides shelter your lower body from the wind, which makes them much warmer. They're great for paddlers on cooler water who want to stay dry while paddling, and who consider the kayak more a vehicle for travel than a toy. 20

Sleek and noiseless, kayaks have few limits – though high-traffic waterways are best avoided to prevent accidents. Faster vessels, emitting pollutants, can seriously harm populations of water-dwelling species who cannot move quickly enough to avoid a speedy oncoming boat. Kayaking is an environmentally friendly alternative to boating. Responsible kayakers always drain their boat before leaving a paddle-site to avoid transporting water, which may contain some form of living creature or plant material, from one water course to another. 25

Read **Text A, Kayaking**, in the insert and then answer **Questions 1(a)–(e)** on this question paper.

**Question 1**

(a) What piece of equipment is used to move a kayak through the water according to the text?

..... [1]

(b) Using your own words, explain what the text means by:

(i) 'buoyant vessel' (line 2):

.....

[2]

(ii) 'pragmatic way' (line 6):

.....

[2]

(c) Re-read paragraph 3 ('Nowadays ... waters.').

Give the **two** examples of 'open water' that can be explored in a kayak according to the text.

• .....

• .....

[2]

(d) Re-read paragraphs 4 and 5 ('Kayaking can be ... toy.').

(i) Identify **two** reasons why combining kayaking with other outdoor activities might appeal to some people.

• .....

• .....

[2]

(ii) Explain why sit-on-top kayaks may not be suitable for some paddlers according to the text.

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[3]

(e) Re-read paragraph 6 ('Sleek and noiseless ... another.').

**Using your own words**, explain why some people might think that kayaking is better for the environment than other forms of water-based transport.

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[3]