

# Geography

## Section II (continued)

Marks

### Question 18 (5 marks)

Refer to Sources D, E and F.

An environmental impact report must be written before drilling for oil in AR 3593.

- (a) From the sources, identify ONE ecosystem that could be placed at risk as a result of drilling for oil. 1

as a result of drilling for oil, the dune ecosystem in AR 3593, could be placed at risk.

- (b) Outline TWO likely impacts that the drilling could have on the ecosystem identified in part (a). 4

Drilling could impact the structure of the sand dunes, by pulling up primary colonising plants and removing other stabilising vegetation resulting in blowouts.  
alternately, drilling may lead to H<sub>2</sub>O pollution contaminating the water, and affecting the marine environment, possibly changing the sand ~~etc~~ sedimentation budget of the dune ecosystem.