

GEOGRAPHY

9696/33

Paper 3 Advanced Physical Geography Options

October/November 2019

INSERT

1 hour 30 minutes



READ THESE INSTRUCTIONS FIRST

This Insert contains all the resources referred to in the questions.

This document consists of **6** printed pages and **2** blank pages.

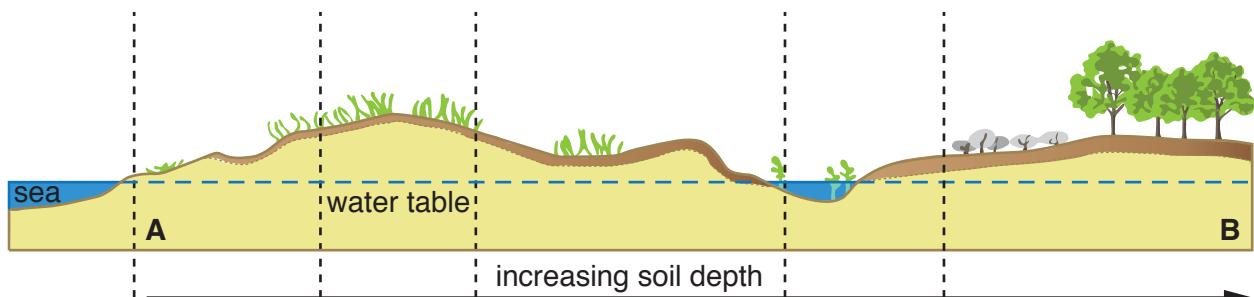
Fig. 1.1 for Question 1

A landform in a tropical environment



Fig. 4.1 for Question 4

A model of a coastal dune system



location/type of dune	strand line	embryo dunes	fore dunes	fixed dunes	dune slack	dune scrub	woodland
approximate distance from sea (m)	0–20	20–80	80–150	150–300	300–500	variable	variable
pH at surface of soil	8.5	8.0	7.5	7.0	6.5	6.0	6.0
soil colour	yellow			yellow and grey		grey	brown
% organic content	<1	2.5	5		20	>40	
% calcium carbonate	10	8		5	1	<0.1	

Fig. 7.1 for Question 7

The distribution of tornadoes in the USA, by state, in 2016

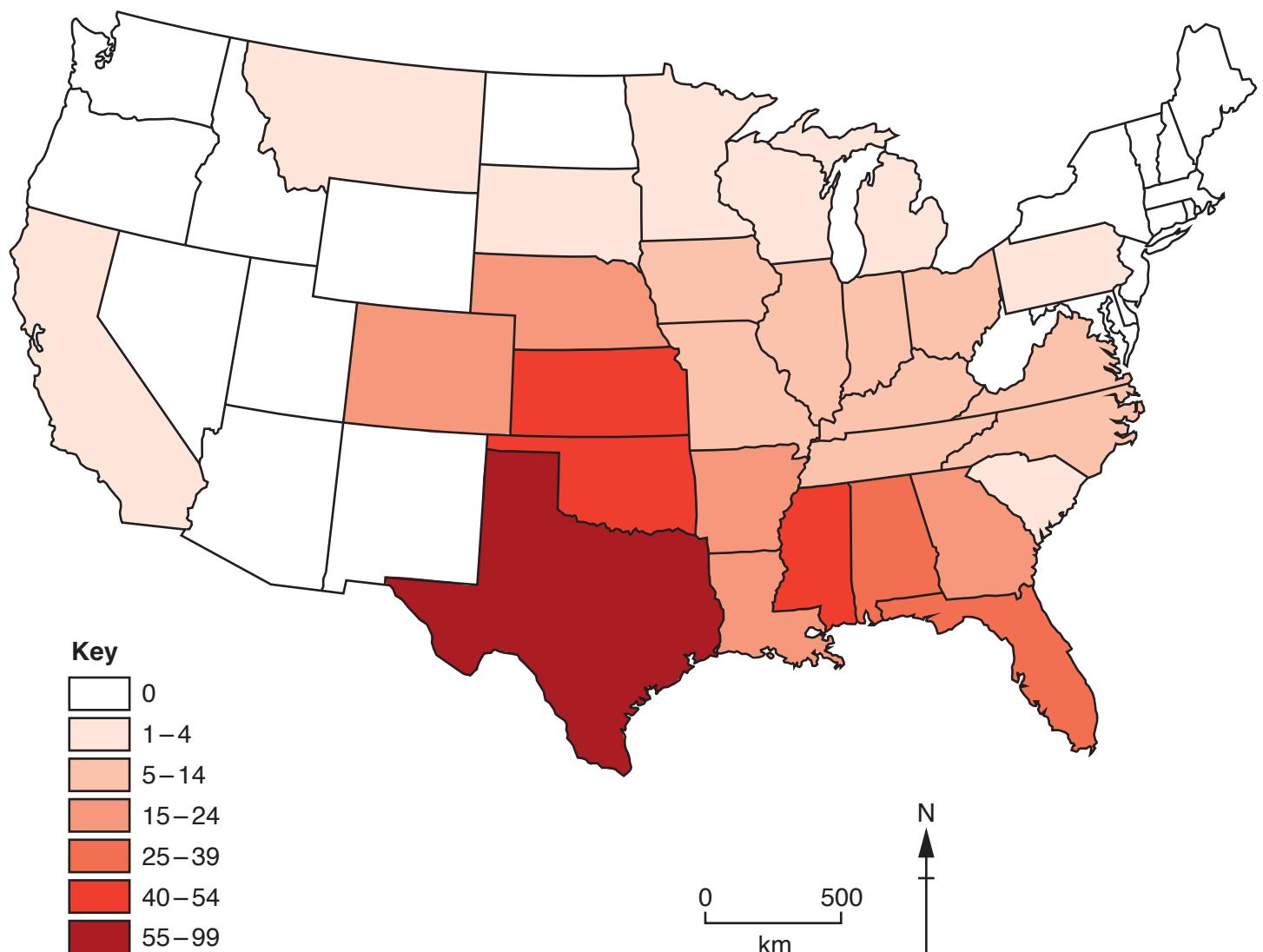


Fig. 7.2 for Question 7

The names of the states



Fig. 10.1 for Question 10

Some landforms in a hot arid environment



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