WESTMINSTER SCHOOL
THE CHALLENGE 2018

GEOGRAPHY

Wednesday 2 May 2018

Time allowed: 1 hour

You must answer all of Section A and one question from Section B.

Section A is worth 20 marks and Section B worth 25

Answers to Section A and Section B should be written on the headed lined booklets provided.

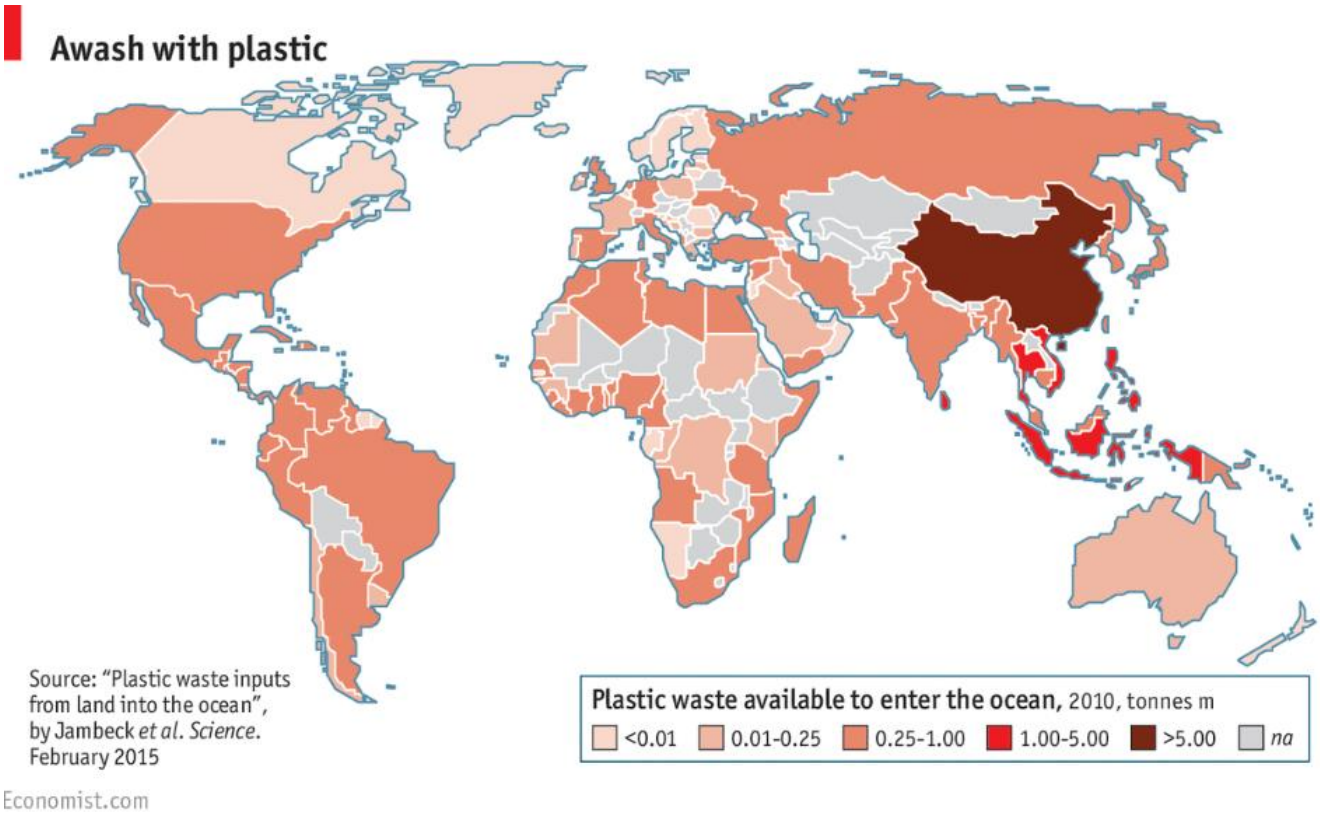
Please write in black or blue ink.

SECTION A (20 marks)

Answer all questions

QUESTION 1

Study Figure 1 which shows the estimated amount of plastics in million tonnes being washed into the oceans in 2010.



According to Figure 1,

1. Which region contributed the most amount of plastic entering the ocean in 2010? [1]

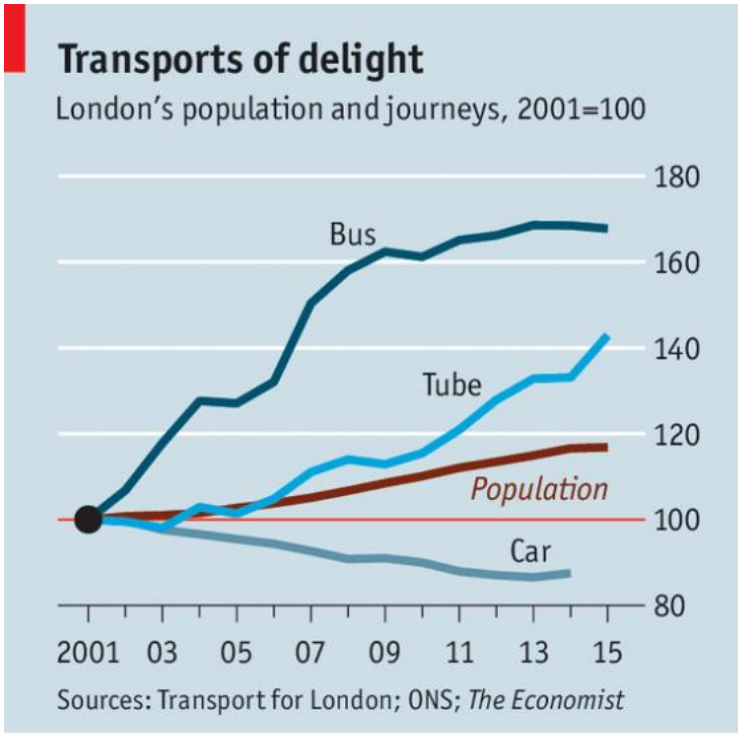
a) South America b) Europe c) North America d) East Asia

2. With reference to figure 1 describe the pattern of plastic waste entering the ocean in 2010. [2]

3. Suggest one advantage and one disadvantage of displaying data in this way. [2]

QUESTION 2

Study figure 2 which shows the change in population and transport use in London since 2001. The red line at 100 shows a starting point in 2001 and the graph shows relative change from then.



According to Figure 2,

1. Which type of transport usage in London has increased the most since 2001? [1]

2. Describe the change in tube and bus use, compared to that of cars in London since 2001. [2]

3. What does the graph suggest about the rate of increase for bus use, compared to that of population growth? [2]

QUESTION 3

Study the map which shows Newport/Trefdraeth on the Pembrokeshire coast in South West Wales. Credit will be given for effective reference to the map.

a) Compare the physical characteristics of grid squares 0339 and 0540. [4]

b) With reference to the map extract, suggest why Newport is a popular place for tourists to visit. [5]

c) Study Figure 3, a photograph of Newport taken from grid square 0540. In which direction is the photographer facing? [1]

d) This area can be very busy with tourists in the summer months. With reference to the map extract and the photograph, suggest some conflicts that might arise between the local residents, environmentalists and tourists at this time of year. [5]

Figure 3



SECTION B (25 marks)

Answer one of the following essay tittles. Credit will be given for reference to place specific case studies as well as to sketch maps and labelled diagrams.

Each essay is worth 25 marks.

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1. Evaluate the success of an urban development project you have studied.
2. With reference to the UK, discuss the extent to which we can reduce the human causes of carbon emissions.
3. To what extent can we really achieve a sustainable future?
4. To what extent can we predict weather events like 'The Beast from the East' in the UK?
5. Compare and contrast the human responses to, two natural hazards you have studied.