Write your name here

Surname		Other names

**Pearson
Edexcel GCSE**

Centre Number

Candidate Number

Geography B
Unit 2: People and the Planet

Higher Tier

Wednesday 3 June 2015 – Afternoon
Time: 1 hour 15 minutes

Paper Reference
5GB2H/01

You do not need any other materials.

Total Marks

Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- In Section A, answer **all** questions.
- In Section B, answer **either** question 5 **or** 6.
- In Section C, answer **either** question 7 **or** 8.
- Answer the questions in the spaces provided
  – *there may be more space than you need*.

Information

- The total mark for this paper is 78.
- The marks for **each** question are shown in brackets
  – *use this as a guide as to how much time to spend on each question.*
- Questions labelled with an **asterisk** (*****) are ones where the quality of your written communication will be assessed
  – *you should take particular care on these questions with your spelling, punctuation and grammar, as well as the clarity of expression.*
- The marks available for spelling, punctuation and grammar are clearly indicated.

Advice

- Read each question carefully before you start to answer it.
- Check your answers if you have time at the end.

Turn over ▶

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PEARSON

SECTION A – INTRODUCTION TO PEOPLE AND THE PLANET

Answer ALL questions in this section.

Topic 1 – Population Dynamics

1   Figure 1 shows global population growth, 1850–2010.
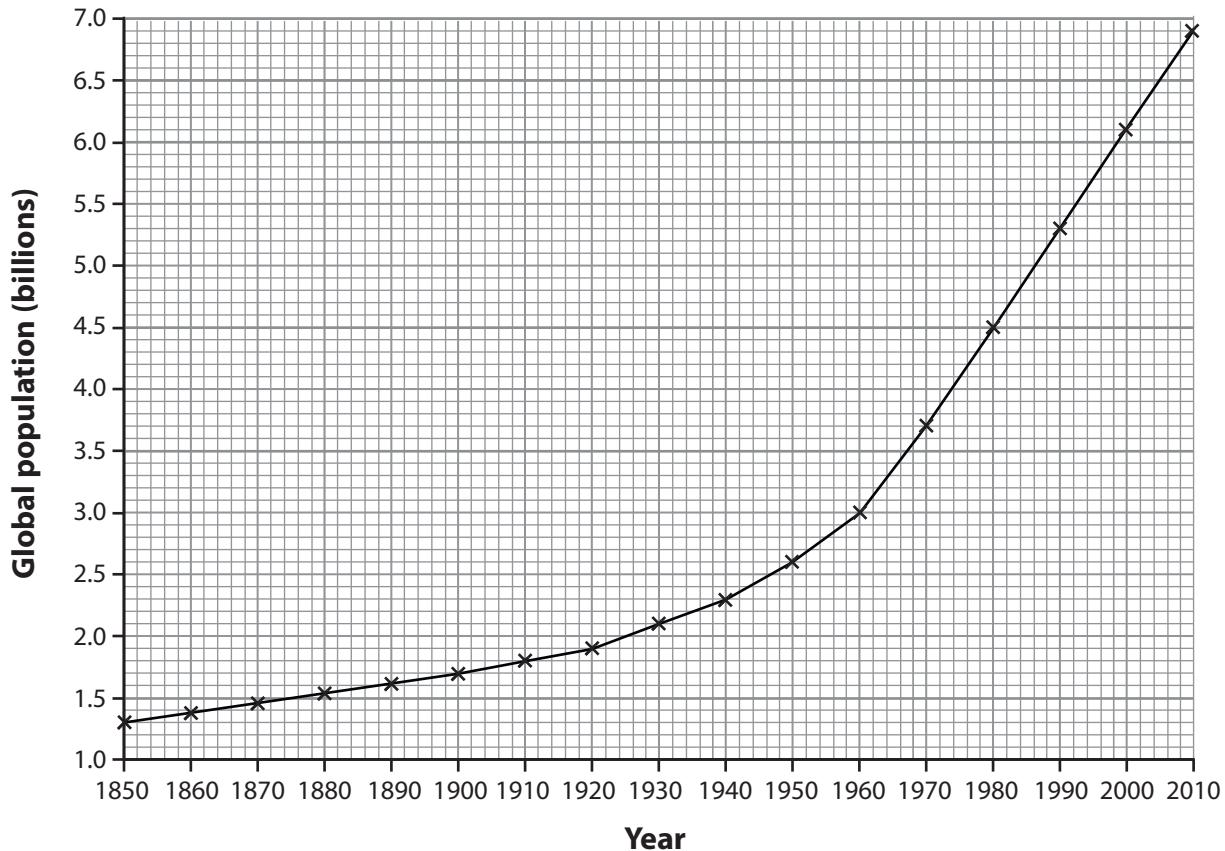
Figure 1

(a) Study Figure 1.

Describe the change in global population growth between 1850 and 2010.

(2)

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(b) For a named country, explain how it is attempting to increase the birth rate.

(4)

Named country ....

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*(c) Explain the differences in population pyramids for countries at different levels of development.

You may use diagrams to support your answer.

(6)

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(Total for Question 1 = 12 marks)

Topic 2 – Consuming Resources

2 Figure 2 shows the percentage of electricity generated from renewable resources.

Percentage (%) of electricity generated from renewable resources
- 80 – 100
- 60 – 79.9
- 40 – 59.9
- 20 – 39.9
- 0 – 19.9
- No data

(Source: © http://www.geocurrents.info/)
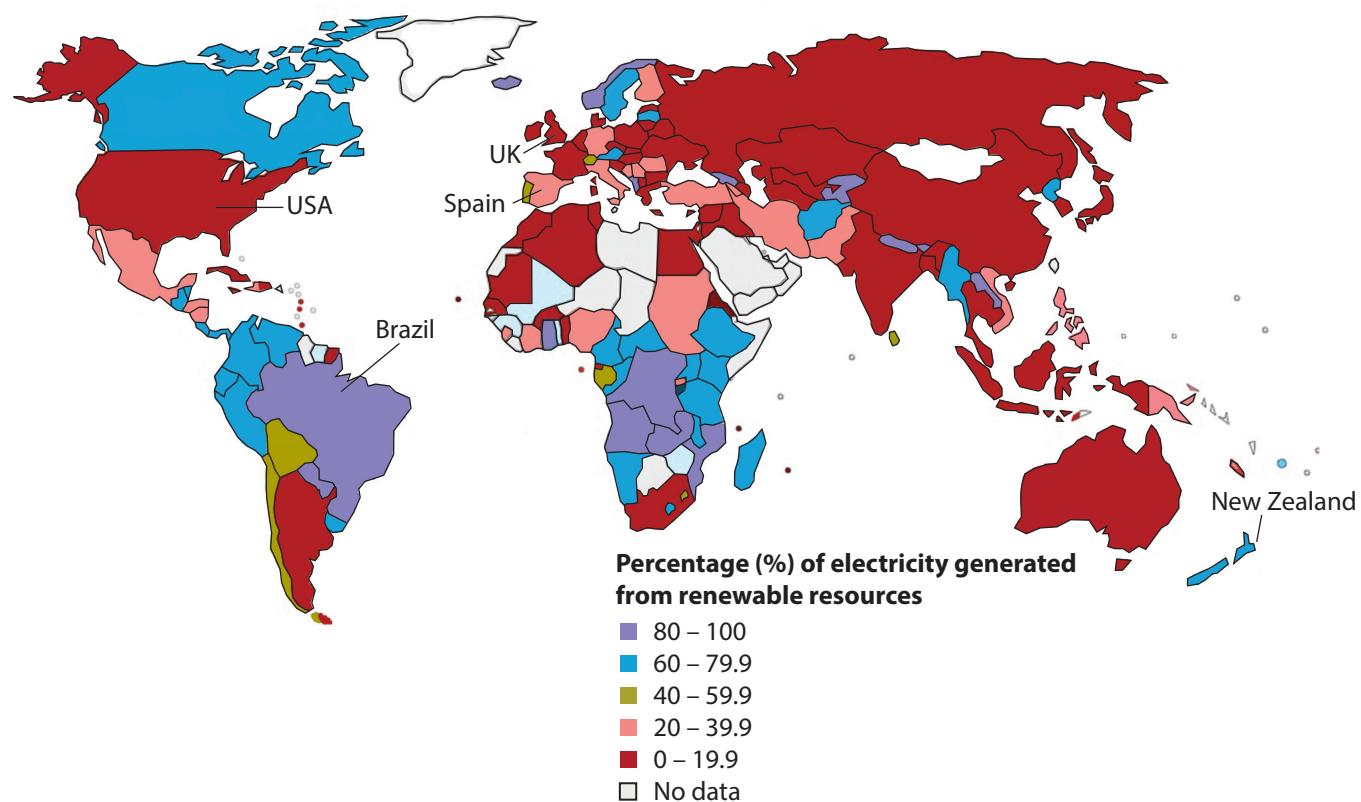
Figure 2

(a) Study Figure 2.

Compare the amount of electricity generated from renewable resources in Brazil and the USA.

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(b) Describe the Malthusian theory about the relationship between population and resources (food supply).

You may use a diagram in your answer.

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*(c) Explain how national and local governments attempt to manage resource consumption.

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(Total for Question 2 = 12 marks)

Topic 3 – Globalisation

3 Figure 3 shows the Clark Fisher model.
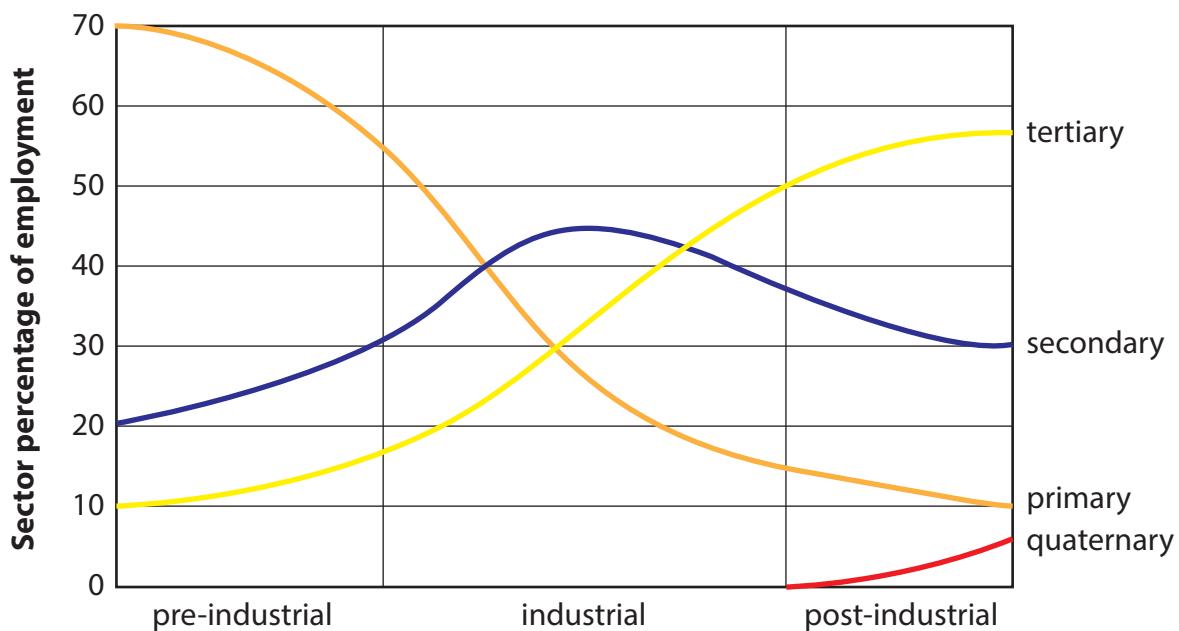
Figure 3

(a) Study Figure 3.

Describe the changes to secondary sector employment.

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(b) Describe the impact of globalisation on different groups of people in the developing world.

(4)

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*(c) Explain why there has been growth in international trade over the past 50 years.

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(Total for Question 3 = 12 marks)

Topic 4 – Development Dilemmas

4 Figure 4 shows two indicators used to measure development for selected countries.

	Country			
Development indicator	Argentina	Cameroon	Cuba	Italy
GDP per person (US$)	18 400	2 400	6 100	30 600
Life expectancy at birth (years)	77	55	79	82

Figure 4

(a) Study Figure 4.

Describe the relationship between GDP per capita and life expectancy at birth shown on Figure 4.

(2)

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(b) Suggest **two** reasons for the large difference in development levels between countries.

(4)

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*(c) Compare the characteristics of top-down and bottom-up development strategies.

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(Total for Question 4 = 12 marks)

TOTAL FOR SECTION A = 48 MARKS

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QUESTION 5 BEGINS ON THE NEXT PAGE.

5 Figure 5 shows the changes in employment sectors in the UK, 1970–2010.

1970   1990   2010

Key % population employed

- Primary sector
- Secondary sector
- Tertiary and Quaternary sectors
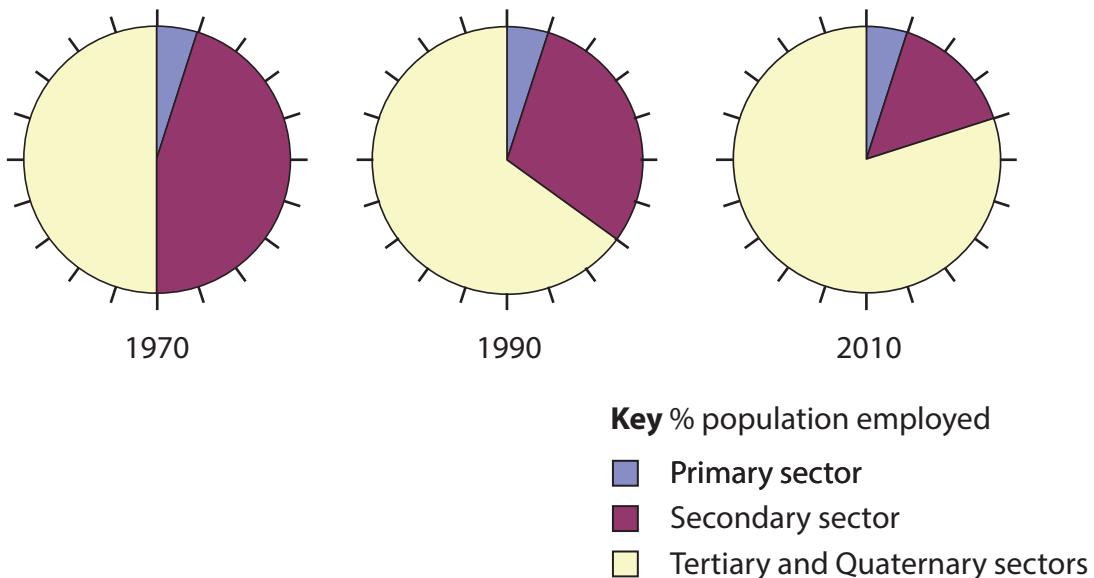
(Source: ONS)

Figure 5

(a) Study Figure 5.

   (i) Describe the changes in the UK employment structure between 1970 and 2010.

   (2)

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   (ii) Suggest **one** reason for the change in employment in the secondary sector.

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*(b) For a named urban area, examine the **positive** and **negative** environmental impacts of de-industrialisation.

(8)

Named urban area ....

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(Total for spelling, punctuation and grammar = 3 marks)

(Total for Question 5 = 15 marks)

Spelling, punctuation and grammar will be assessed in 6*(b).

6 Figure 6 shows the countries of birth for the populations of three urban areas in the UK.

Eastbourne   Hull   City of London
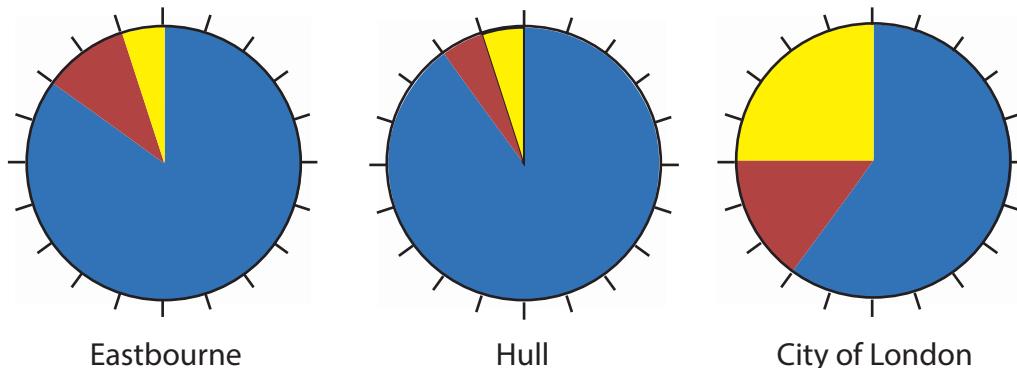
Key % people born in:

◼ UK
◼ Other countries in the European Union (EU)
◻ Countries outside the EU

(Source: ONS)

Figure 6

(a) Study Figure 6.

(i)   Describe the differences in the populations of the three urban areas.

(2)

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(ii) Suggest **one** reason for the differences in the populations of the three urban areas.

(2)

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P 4 4 7 2 5 A 0 1 6 2 4

*(b) Examine how different strategies have been used to encourage economic development in rural regions of the UK.

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(Total for spelling, punctuation and grammar = 3 marks)

(Total for Question 6 = 15 marks)

TOTAL FOR SECTION B = 15 MARKS

Answer ONE question in this section.

Topic 7 – The Challenges of an Urban World

If you answer Question 7 put a cross in the box ☒ .

Spelling, punctuation and grammar will be assessed in 7*(b).

7 Figure 7 shows the past and present world trend in urbanisation, 1970–2015.
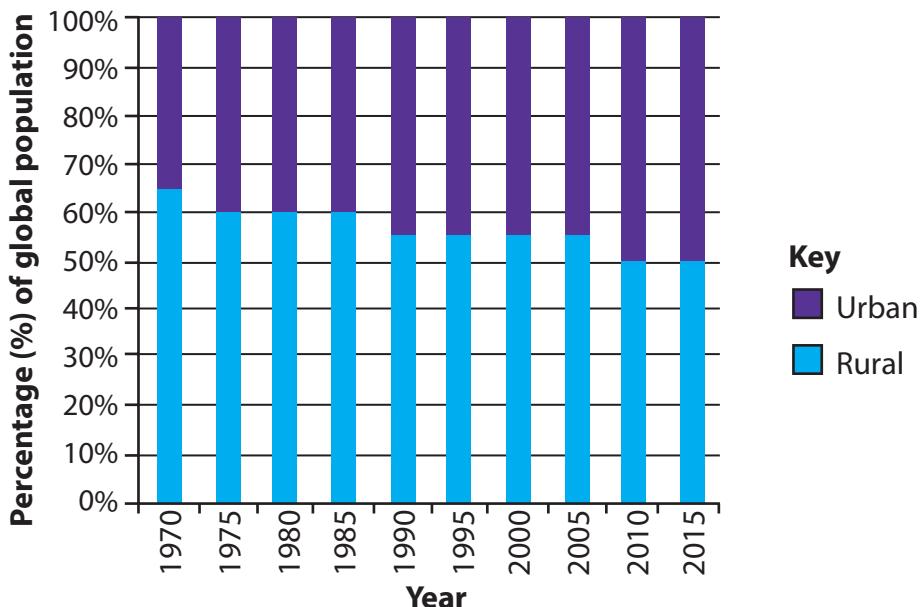
(Source: © The Christian Science Monitor 2014)

Figure 7

(a) Study Figure 7.

    (i) Outline the evidence for increasing urbanisation between 1970 and 2015.

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    (ii) Suggest **one** reason for the changes shown between 1970 and 2015.

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*(b) Examine the success of strategies used to improve the quality of life in cities in the developing world.

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(Total for spelling, punctuation and grammar = 3 marks)

(Total for Question 7 = 15 marks)

If you answer Question 8 put a cross in the box ☒ .

Spelling, punctuation and grammar will be assessed in 8*(c).

8 Figure 8 shows the trend in China's rural population, 1970–2015.
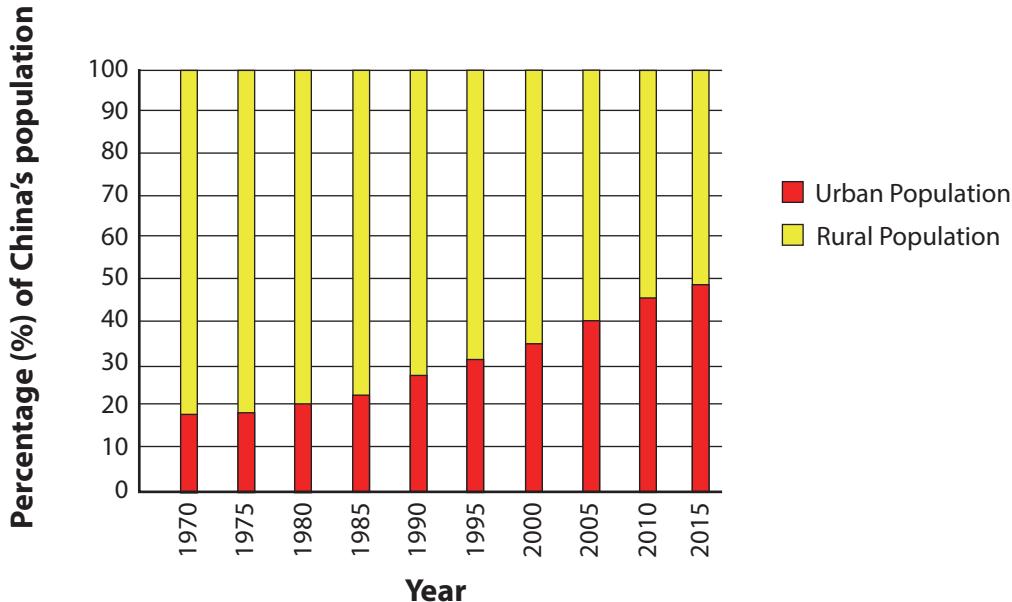
Figure 8

(a) Study Figure 8.

Describe the changes in China's population between 1970 and 2015.

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(b) Suggest **one** reason for rural–urban migration.

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*(c) Examine the success of initiatives (methods) used to improve the quality of life in rural areas in the developing world.

(8)

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(Total for spelling, punctuation and grammar = 3 marks)
(Total for Question 8 = 15 marks)

TOTAL FOR SECTION C = 15 MARKS
TOTAL FOR PAPER = 78 MARKS

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