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(b) Use your own knowledge.

What role did Edwin Chadwick play in bringing about changes in public health?
Explain your answer.

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(c) Study Sources D and E.

Why have developments in science and technology been so important in improving the understanding and treatment of illness since 1900?

Use your own knowledge and these two sources to explain your answer.

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EITHER

Extension Unit 1: Medicine from the Ancient World onwards

2. How far were developments in medicine in Ancient Rome a good example of progress? Explain your answer.

You could include the following in your answer, and any other information of your own.

- In 295 BC a temple dedicated to Asclepius was built in Rome
- Every army legion had its own surgeon
- The Romans built public baths in many towns in their Empire

(Total 15 marks)

OR

Extension Unit 2: Hospitals and Training, c.1350 to the present day

3. Why did scientific discoveries during the period 1450–1650 have only a limited effect on medical training? Explain your answer.

You could include the following in your answer, and any other information of your own.

- Medical training was based on the Theory of the Four Humours
- William Harvey announced his theory that the heart pumped blood around the body in 1616
- The microscope was developed during the seventeenth century

(Total 15 marks)

OR

Extension Unit 3: Changes in Surgery

4. Why have attitudes towards surgery and surgeons changed so much since 1850? Explain your answer.

You could include the following in your answer, and any other information of your own.

- Barbers still acted as surgeons in the nineteenth century
- In 1847 J. R. Liston used ether when amputating a leg
- Dr Christian Barnard performed the first heart transplant operation in 1967

(Total 15 marks)



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Indicate which question you are answering by marking the box (☒).
If you change your mind, put a line through the box (☒) and then indicate your new question with a cross (☒).

Chosen Question Number:

Question 2

Question 3

Question 4

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(Total 15 marks)

TOTAL FOR PAPER: 40 MARKS

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