1.10 The Cholera Epidemic of 1854 and John Snow's Broad Street Investigation: 10-minute Pack

EDEXCEL 1HI0 · about 10 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. You are advised to spend about 10 minutes on this pack.

1 Name the street pump that became central to John Snow's investigation in Soho.

(Total for Question 1 is 1 mark)

2 Give the name of the map feature Snow used to show each death or case on his Soho map.

(Total for Question 2 is 1 mark)

3 Give one piece of equipment or technique John Snow used to show the pattern of cholera cases around the pump.

(Total for Question 3 is 1 mark)

4 Name one immediate effect on public behaviour or local policy after the Broad Street pump handle was removed.

(Total for Question 4 is 1 mark)

5 Name one piece of contextual evidence Snow used, apart from the map, to support his case that the Broad Street pump water caused the outbreak.

(Total for Question 5 is 1 mark)

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6 Give two reasons why many medical professionals in the 1850s continued to support miasma theory despite Snow's findings in 1854.

(Total for Question 6 is 2 marks)

7 State two reasons why John Snow believed the Broad Street pump was the source of the cholera outbreak.

(Total for Question 7 is 2 marks)

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Mark scheme · 1.10 The Cholera Epidemic of 1854 and John Snow's Broad Street Investigation: 10-minute Pack

Question 1

the Broad Street pump **B1**

Answer: The Broad Street pump

Question 2

dots (dot map) **B1**

Answer: Dots, creating a dot map of cases

Question 3

a dot map plotting deaths or cases **B1**

Answer: A dot map plotting cholera deaths or cases

Question 4

fewer people used the pump and cases around it declined **B1**

Answer: Fewer people used the pump and cholera cases around it declined.

Question 5

detailed enquiries showing some victims drank the pump water even though they lived away from Broad Street **B1**

Answer: Enquiries showing victims who lived away had drunk Broad Street pump water.

Question 6

miasma theory was long established and widely taught, so many doctors trusted it **B1**

there was a lack of microbiological evidence identifying a specific germ to explain cholera transmission **B1**

Answer: Miasma theory was long established and trusted, and there was no microbiological proof of a specific germ at the time.

Question 7

most cholera deaths were clustered close to the Broad Street pump **B1**

some victims who lived further away had used water from that pump, linking cases to the pump **B1**

Answer: Most cholera deaths were clustered around the pump, and some victims who lived further away had used water from that pump.

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