

Surname	Centre Number	Candidate Number
Other Names		2



GCE AS/A level

1626/01

**HEALTH AND SOCIAL CARE
UNIT 6: Understanding common illnesses,
diseases and disorders**

A.M. TUESDAY, 22 January 2013

1½ hours

For Examiner's use only	
1.	
2.	
3.	
4.	
Total	

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INSTRUCTIONS TO CANDIDATES

Use black ink or black ball-point pen. Do not use gel pen or correction fluid.

Write your name, centre number and candidate number in the spaces at the top of this page.

Answer **all** questions.

Write your answers in the spaces provided in this booklet.

If you run out of space, use the continuation page at the back of the booklet, taking care to number the question(s) correctly.

INFORMATION FOR CANDIDATES

Each question carries 25 marks.

The number of marks is given in brackets at the end of each question or part-question.

You are reminded of the need for good English and orderly, clear presentation in your answers. Assessment will take into account the quality of written communication used in your answers.



Answer all questions.

1. (a) (i) Define the meaning of the term ‘pathogen’. [2]

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(ii) Explain the term ‘vector’ as applied to the transmission of disease. [3]

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(iii) Name three animals which might act as vectors of transmission for pathogens. [3]

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(b) Humans can be infected by pathogens from making contact with contaminated surfaces.

(i) Explain how regular washing of the surfaces can reduce the risk of infection by pathogens. [2]

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(ii) Explain how regular treatment of surfaces with chemical disinfectants can reduce the risk of infection by pathogens. [2]

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(c) (i) Explain how sterilisation differs from disinfection. [2]

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(ii) Identify and explain one method used to sterilise surgical instruments for safe use in hospitals. [3]

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(d) Discuss why thorough cleaning schedules are particularly important in hospitals. [8]

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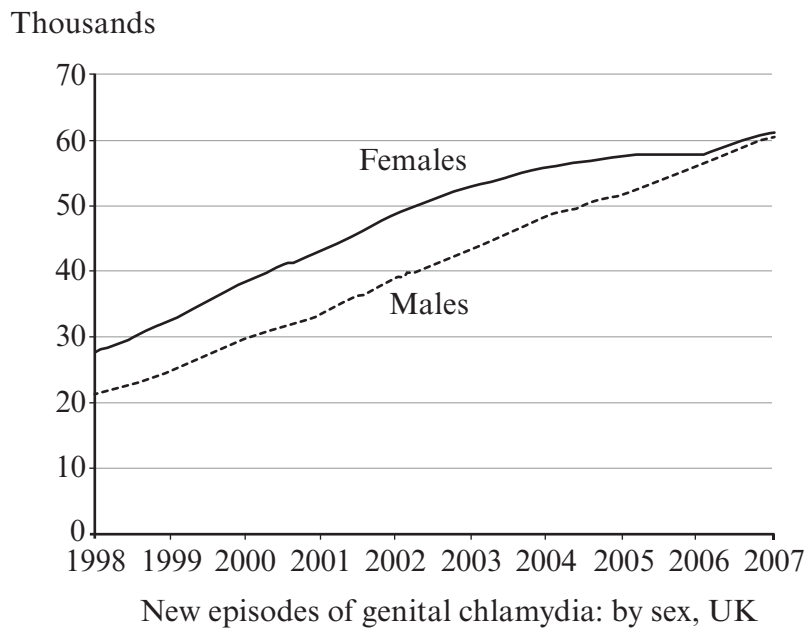
2. (a) (i) State the type of organism that causes **either** chlamydia **or** MRSA. [1]

(ii) Identify four symptoms of **either** chlamydia **or** MRSA. [4]

(iii) Describe how **either** chlamydia **or** MRSA is transmitted. [3]

(iv) State the main treatment for **either** chlamydia **or** MRSA. [1]

(b) Look at the chart.



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3. Cystic fibrosis is a genetic disorder which is caused by a recessive gene inherited from parents who are carriers of the gene.

(a) Define the term 'genetic disorder'. [2]

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(b) Define the term 'recessive gene'. [2]

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(c) Explain the term 'carrier'. [3]

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(d) Identify five symptoms of cystic fibrosis. [5]

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(e) Identify and explain one treatment for cystic fibrosis. [3]

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