Candidate Name	Centre Number	Candidate Number

#### WELSH JOINT EDUCATION COMMITTEE

**General Certificate of Secondary Education** 



CYD-BWYLLGOR ADDYSG CYMRU

Tystysgrif Gyffredinol Addysg Uwchradd

165/19

#### **HISTORY**

# SPECIFICATION B: IN-DEPTH, THEMATIC AND DEVELOPMENT STUDIES OF ASPECTS OF WELSH/ENGLISH AND WORLD HISTORY

#### PAPER 2

#### STUDY IN DEVELOPMENT

#### 19 - HEALTH AND MEDICINE, c. 1345 onwards

A.M. THURSDAY, 14 June 2007

(1 hour 20 minutes)

Questions answered	Office use
Question	30
Question	30
TOTAL	60

#### INSTRUCTIONS TO CANDIDATES

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

Answer **two** questions.

Write your answers in the spaces provided in this booklet. Use supplementary sheets when there is insufficient room in this booklet. Write your name at the top of each supplementary sheet, indicating clearly the number of the question you answer. Put the supplementary sheets inside this booklet.

#### INFORMATION FOR CANDIDATES

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

You will be awarded marks for the quality of your written communication.

Your answers must be relevant and must make full use of information given to be awarded full marks for a question.

You are reminded that you should always support your answers using your knowledge and understanding of the topic chosen.

No certificate will be awarded to a candidate detected in any unfair practice during the examination.

Answer two questions only.

# 1. This question is about medical knowledge.

Study the information below and then answer the questions which follow.

[30]

# **INFORMATION**

Many factors and many people have contributed to the development of medical knowledge over time. This picture shows an alchemist at work.



(a)	What was alchemy in the late middle ages?	[2]
(b)	Describe the work of Ambroise Paré in the sixteenth century.	[4]

(c)	Explain how the discovery of DNA and genetics has increased medical k twentieth century.	nowledge in the [6]

(d)	How important was the work of Wilhelm Röntgen in developing medical knot the nineteenth century onwards?	wledge from [8]

(e)	Has the expansion of medical knowledge always been successful from the middle ages to the present day?  In your answer you may wish to consider: the work of Vesalius, the circulation of the blood, the germ theory, twentieth century developments or any other relevant factor.  [10]
•••••	

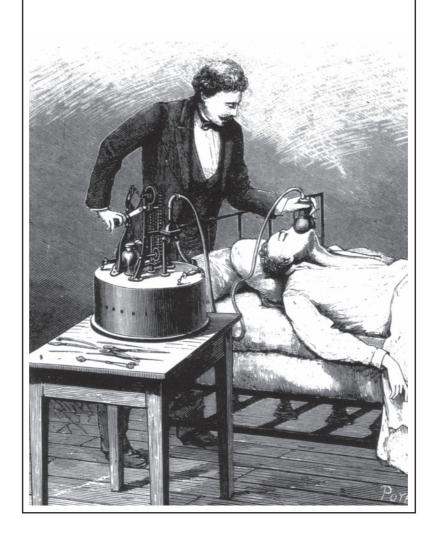

# 2. This question is about prevention and treatment of disease.

Study the information below and then answer the questions which follow.

[30]

# **INFORMATION**

The methods used to prevent and treat disease have evolved since the middle ages. This drawing shows an anaesthetic being used in the nineteenth century.



(a)	What is an anaesthetic?	[2]
•••••		
(b)	Describe the work of Edward Jenner at the end of the eighteenth century.	[4]

(c)	Explain how the work of Joseph Lister in the second half of the nineteenth comproved methods of surgery.	entury [6]
•••••		
•••••		
•••••		

(d)	How important was the contribution of Sir Alexander Fleming to the treatment disease in the twentieth century?	of illness and [8]

(e)	Have methods used to prevent and treat disease always been successful from the middle ages to the present day?		
	In your answer you may wish to consider: traditional treatments and remedies developments in science and technology, the work of Simpson and of Lister, modern surgery or any other relevant factor. [10]		

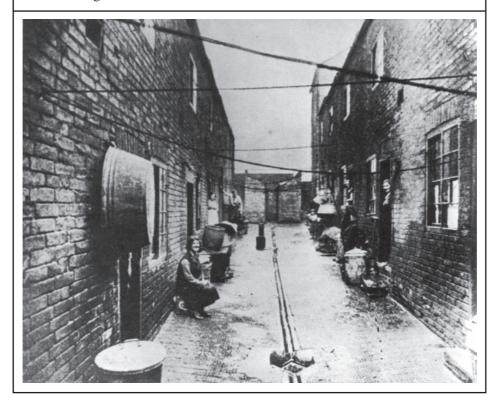

# 3. This question is about public health.

Study the information below and then answer the questions which follow.

[30]

# **INFORMATION**

Standards in public health have changed over time. This picture shows slum housing in a northern industrial town in 1936.



(a)	What was slum clearance?	[2]
(b)	Describe the Black Death in the middle ages.	[4]

(c)	Explain how the growth of industrial towns led to public health problems in the first half of the nineteenth century. [6]		

(d)	How important was the work of Edwin Chadwick in improving public health in t mid-nineteenth century?	he [8]
•••••		
•••••		
		••••

( <i>e</i> )	Have standards in public health always improved from the middle ages to the present day?			
	In your answer you may wish to consider: the attitudes of authorities and individuals methods of combating the plague, Victorian health legislation, the changing attitude of government in the twentieth century, or any other relevant factor. [10]			
