

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, 15 June 2006

(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.

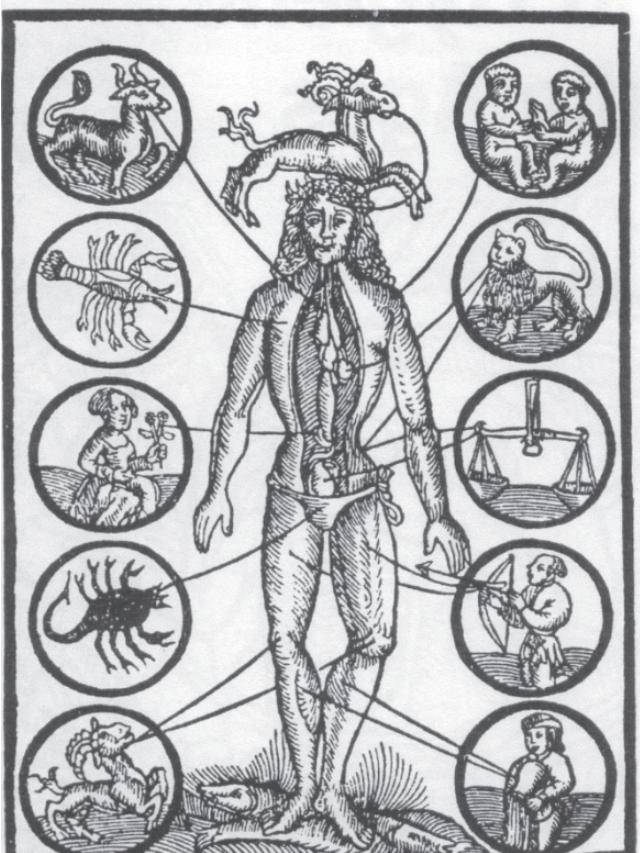
No certificate will be awarded to a candidate detected in any unfair practice during the examination.

Answer two questions only.

1. This question is about medical knowledge.

Study the information below and answer the questions which follow.

[30]

INFORMATION
<p>Many factors have led to the development of medical knowledge over time. This drawing is from a medieval doctor's hand-book.</p> 

(a) What was a zodiac chart in the middle ages?

[2]

(b) Describe the work of William Harvey in the seventeenth century.

[4]

- (c) Explain how the use of x-rays and later diagnostic developments in the twentieth century have led to increased knowledge of the human body. [6]

- (d) How important was the work of Louis Pasteur and Robert Koch in the nineteenth century in helping to improve medical knowledge? [8]

- (e) In what ways have the main factors in improving medical knowledge changed from the middle ages to the present day?

(In your answer you may wish to consider medical ideas in the later middle ages, the work of Vesalius and Paré, the germ theory, twentieth century developments or any other relevant factor.)

[10]

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

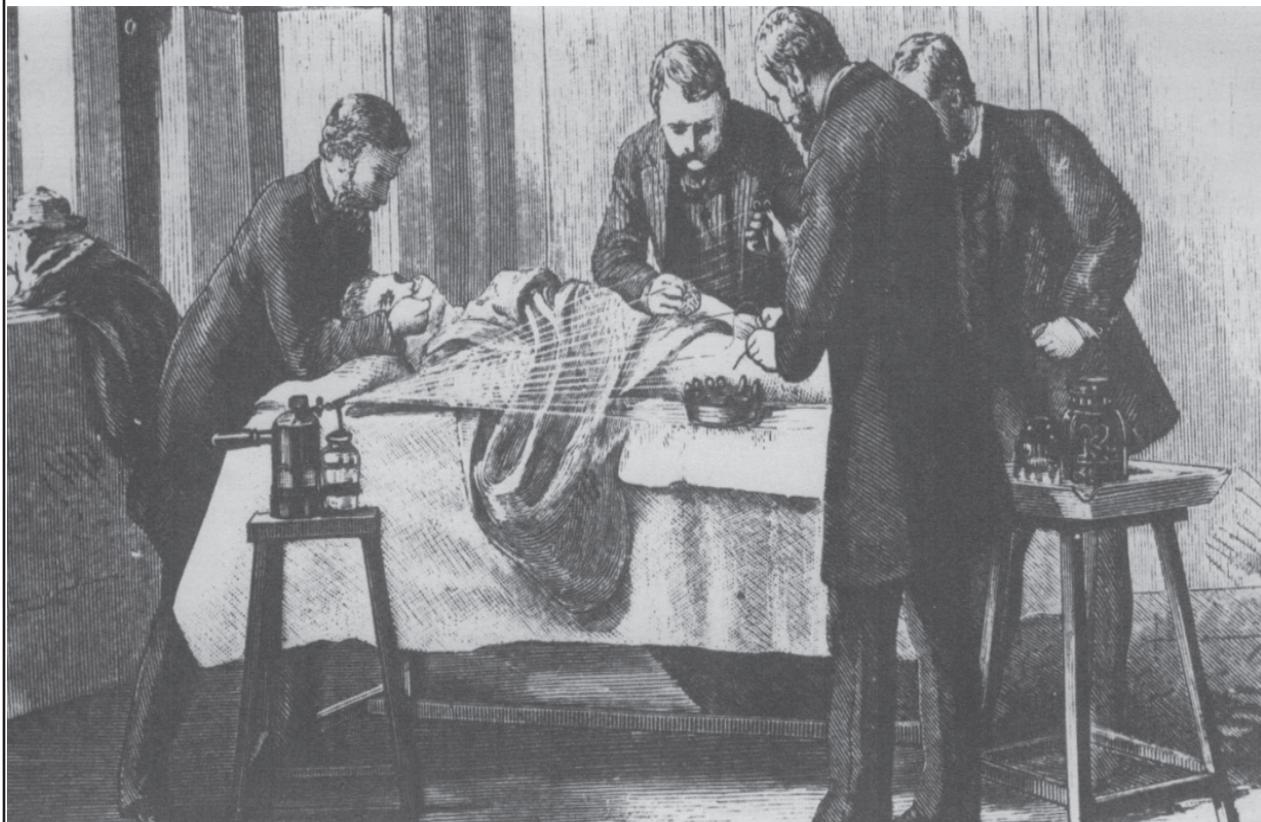
2. This question is about prevention and treatment of disease.

Study the information below and 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 operating theatre in the late nineteenth century.



(a) What were herbal medicines in the middle ages?

[2]

(b) Describe the work of Joseph Lister in the second half of the nineteenth century.

[4]

- (c) Explain how surgical operations became more successful due to the work of James Simpson in the nineteenth century. [6]

- (d) How important was the work of Christiaan Barnard and further developments in transplant surgery in the late twentieth century? [8]

- (e) Have methods used to combat illness and diseases always led to improved health from the middle ages to the present day?

(In your answer you may wish to consider traditional treatments and remedies, the development of vaccines, the discovery of penicillin and antibiotics, modern surgery, or any other relevant factor.)

[10]

3. This question is about public health and hospitals.

Study the information below and answer the questions which follow.

[30]

INFORMATION

Standards in public health and hospital care have changed over time. This picture shows an engraving of a medieval hospital.



(a) What is ‘Care in the Community’?

[2]

(b) Describe how medieval hospitals cared for the sick.

[4]

(c) Explain how patient care was improved by the work of Florence Nightingale.

[6]

- (d) How important for health care was the setting up of the National Health Service after the Second World War? [8]

- (e) Have standards in patient care always improved from the middle ages to the present day?

(In your answer you may wish to consider the role of the Church and medieval hospitals, Florence Nightingale and the development of nursing, the role of the NHS after the Second World War, late twentieth century changes, or any other relevant factor.) [10]
