

OXFORD CAMBRIDGE AND RSA EXAMINATIONS
A2 GCE
F921/01

HEALTH AND SOCIAL CARE
Anatomy and Physiology in Practice

MONDAY 16 JUNE 2014: Morning
DURATION: 1 hour 30 minutes
plus your additional time allowance

MODIFIED ENLARGED

Candidate forename		Candidate surname	
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Centre number						Candidate number				
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Candidates answer on the Question Paper.

OCR SUPPLIED MATERIALS:

None

OTHER MATERIALS REQUIRED:

None

READ INSTRUCTIONS OVERLEAF

INSTRUCTIONS TO CANDIDATES

Write your name, centre number and candidate number in the boxes on the first page. Please write clearly and in capital letters.

Use black ink. HB pencil may be used for graphs and diagrams only.

Read each question carefully. Make sure you know what you have to do before starting your answer.

Write your answer to each question in the space provided. If additional space is required, you should use the lined pages at the end of this booklet. The question number(s) must be clearly shown.

Answer ALL the questions.

INFORMATION FOR CANDIDATES

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

The total number of marks for this paper is 100.

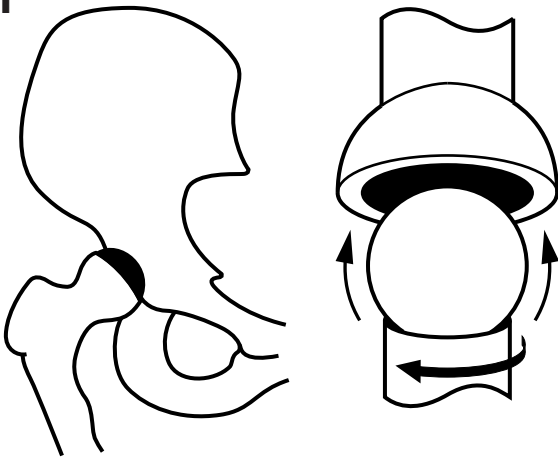
The quality of written communication will be taken into account in marking your answer to questions marked with an asterisk (*).

Any blank pages are indicated.

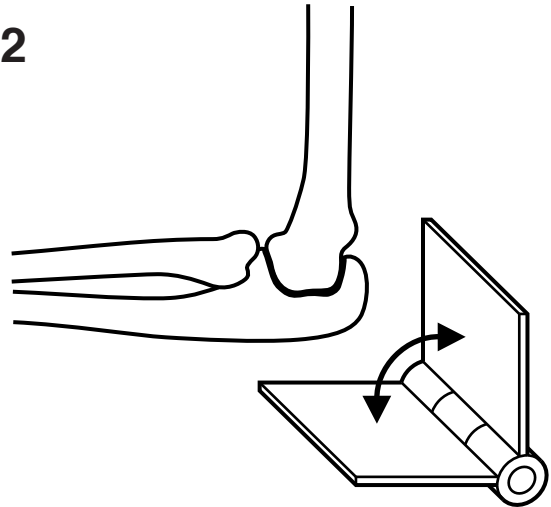
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1 Look at the diagrams below.
TYPES OF JOINT

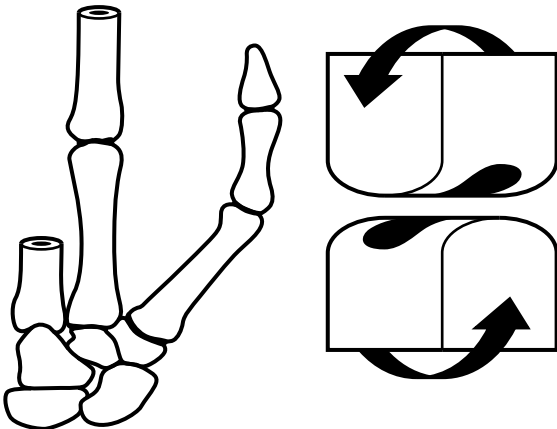
1



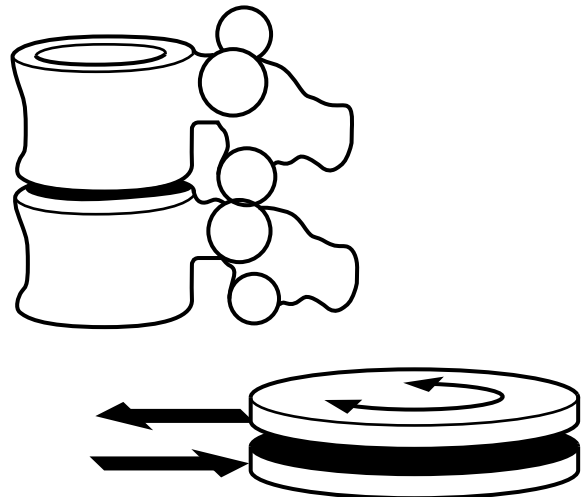
2



3



4



(a) Identify each of the types of joint labelled 1 – 4.

1 _____

2 _____

3 _____

4 _____

[4]

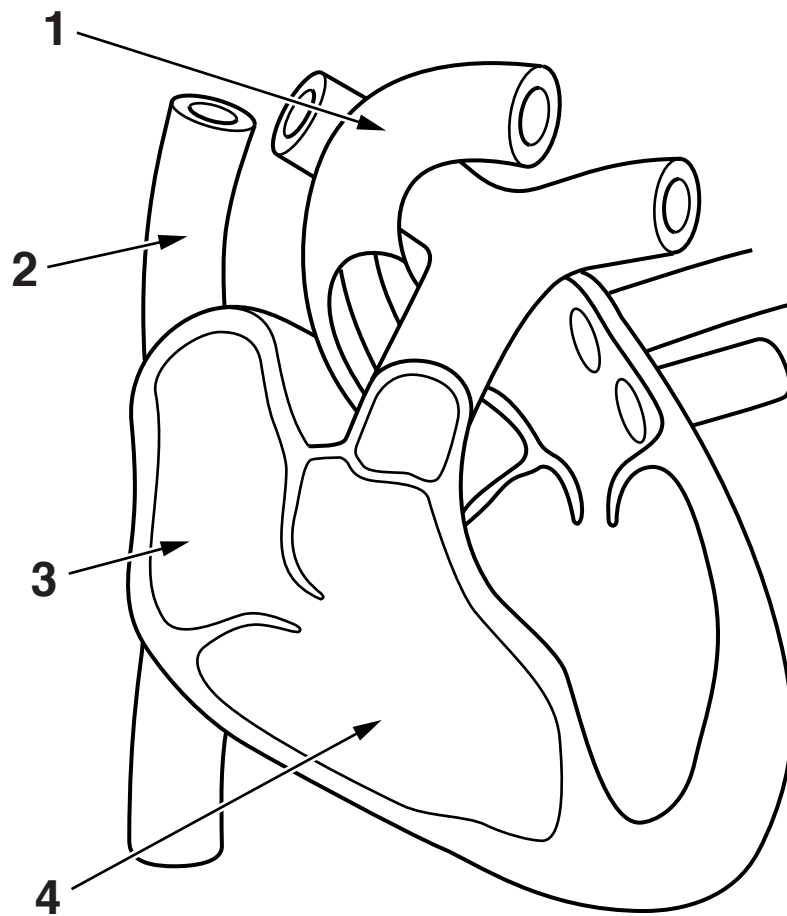
(b) Describe ONE function of each part of the brain given below. [8]

Cerebellum _____

Medulla _____

Corpus callosum _____

2 Look at the diagram below.
THE HEART



(a) Identify each of the structures labelled 1 – 4.

1 _____

2 _____

3 _____

4 _____

[4]

[illegible]

[illegible]

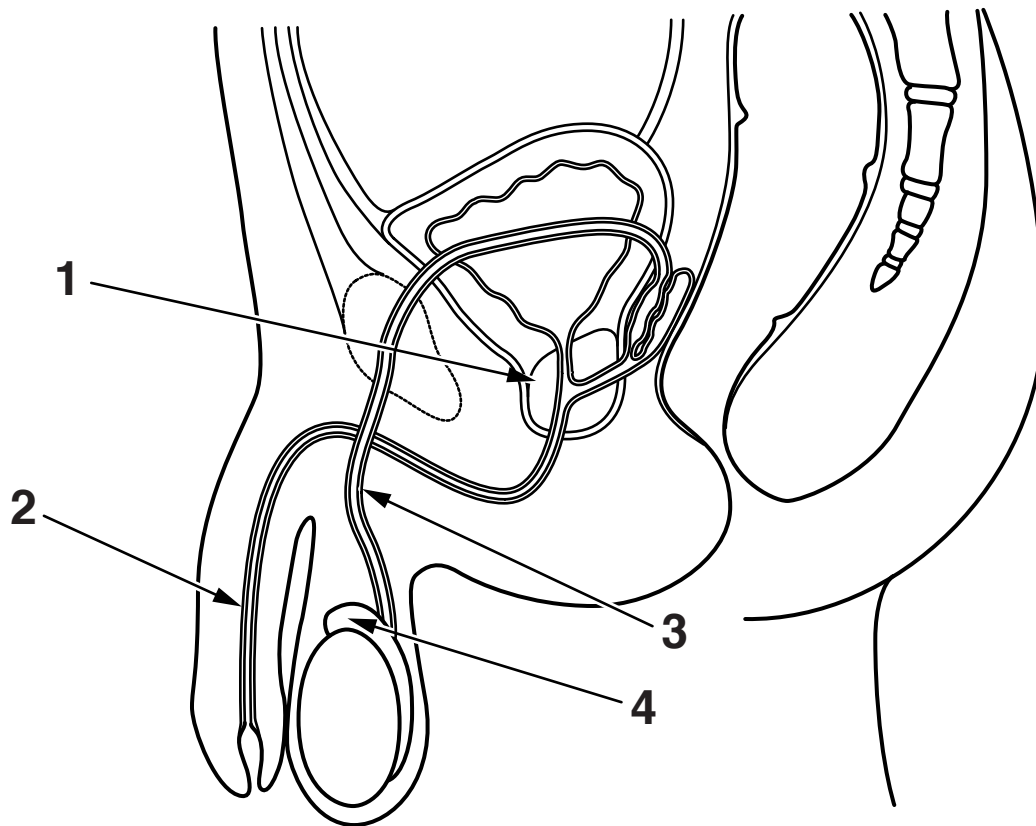
(c)* Compare an artery and a vein.

[6]

[illegible]

3 Look at the diagram below.

MALE REPRODUCTIVE SYSTEM



(a) Identify each of the structures numbered 1 – 4.

1 _____

2 _____

3 _____

4 _____

[4]

[illegible]

(c)* Analyse the process of in vitro fertilisation (IVF).
[12]

[illegible]

4 (a)* Explain the function of oxygen and carbon dioxide exchange in the lungs. [10]

(b)* Analyse possible physiological effects of a named respiratory dysfunction. [10]

[illegible]

[illegible]

[illegible]

This image shows a single page of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins or other markings on the paper.

END OF QUESTION PAPER

ADDITIONAL ANSWER SPACE

If additional answer space is required, you should use the following lined page(s). The question number(s) must be clearly shown in the margins.

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