

<b>Candidate Forename</b>		<b>Candidate Surname</b>	
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<b>Centre Number</b>						<b>Candidate Number</b>				
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**OXFORD CAMBRIDGE AND RSA EXAMINATIONS  
ADVANCED GCE**

**F921**

**HEALTH AND SOCIAL CARE**

**Unit 12: Anatomy and Physiology in Practice**

**THURSDAY 17 JUNE 2010: Afternoon**

**DURATION: 1 hour 30 minutes**

**SUITABLE FOR VISUALLY IMPAIRED CANDIDATES**

**Candidates answer on the Question Paper**

**OCR SUPPLIED MATERIALS:**

**None**

**OTHER MATERIALS REQUIRED:**

**None**

**READ INSTRUCTIONS OVERLEAF**

## **INSTRUCTIONS TO CANDIDATES**

- Write your name clearly in capital letters, your Centre Number and Candidate Number in the boxes on the first page.
- Use black ink. Pencil may be used for graphs and diagrams only.
- Read each question carefully and make sure that you know what you have to do before starting your answer.
- Answer ALL the questions.
- Write your answer to each question in the space provided. Additional paper may be used if necessary but you must clearly show your Candidate Number, Centre Number and question number(s).

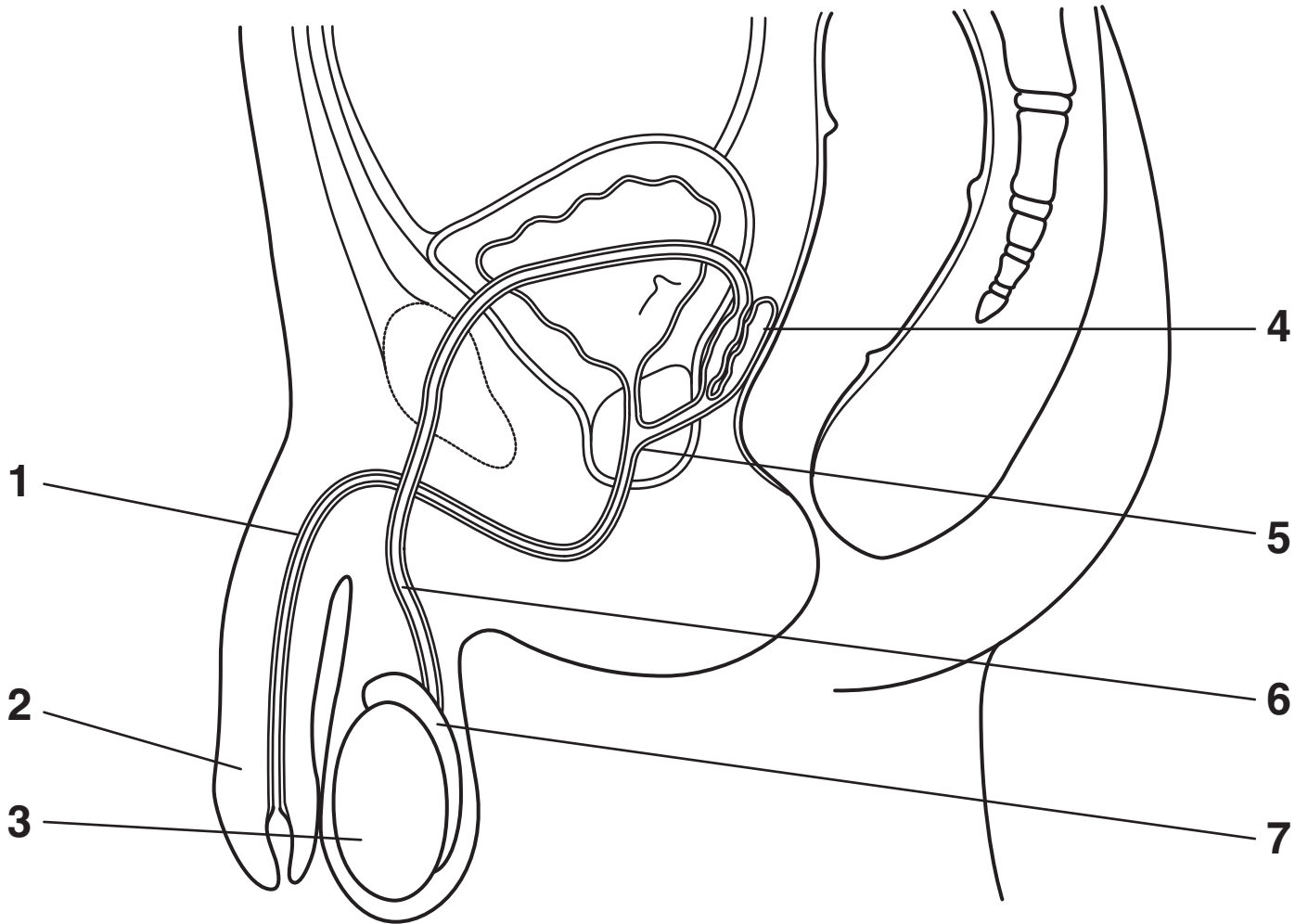
## **INFORMATION FOR CANDIDATES**

- 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.
- You will be awarded marks for the quality of written communication where an answer requires a piece of extended writing.

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1

# Male Reproductive System



(a) Identify each of the structures labelled 1–7.

1 \_\_\_\_\_

2 \_\_\_\_\_

3 \_\_\_\_\_

4 \_\_\_\_\_

5 \_\_\_\_\_

6 \_\_\_\_\_

7 \_\_\_\_\_ [7]

**(b) Describe ONE function of each of the structures in the diagram.**

**1** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**2** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**3** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**4** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**5** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

6 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

7 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ [7]

**(c) Describe the possible causes of a dysfunction of the male reproductive system.**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
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[6]

**[Total: 20]**

**2 (a) Describe the production of urine in the renal system.**

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[10]



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[10]

[Total: 20]

**3 (a) Identify and give the purpose of a substance produced by each of the following structures in the digestive system during digestion.**

	<b>Substance</b>	<b>Purpose</b>
<b>1. Salivary gland</b>	1. _____	1. _____ _____
<b>2. Stomach</b>	2. _____	2. _____ _____
<b>3. Liver</b>	3. _____	3. _____ _____
<b>4. Pancreas</b>	4. _____	4. _____ _____

**[8]**





- 4 (a) Respiratory dysfunction is often treated with drug therapy. Describe the general principles of treatment with the following types of drug.

**Steroids** \_\_\_\_\_

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**Antibiotics** \_\_\_\_\_

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[4]















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