

ADVANCED GCE UNIT HEALTH AND SOCIAL CARE

F921

UNIT 12: Anatomy and Physiology in Practice

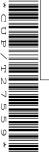
TUESDAY 12 JUNE 2007

Afternoon

Time: 1 hour 30 minutes

Candidates answer on the question paper. Additional answer paper may be required.





Candidate			
Name			

C	er	١t	re	9
Ν	ur	n	b	er

		l
		l
		l
		l
		l
		l
		l
		l
		l .

Candidate Number

INSTRUCTIONS TO CANDIDATES

- Write your name, Centre number and candidate number in the boxes above.
- Answer all the questions.
- Use blue or black ink. Pencil may be used for graphs and diagrams only.
- Read each question carefully and make sure you know what you have to do before starting your answer.
- Do not write in the bar code.
- Do **not** write outside the box bordering each page.
- WRITE YOUR ANSWER TO EACH QUESTION IN THE SPACE PROVIDED. ANSWERS WRITTEN ELSEWHERE WILL NOT BE MARKED.

INFORMATION FOR CANDIDATES

- The number of marks for each question 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.

For Exam	iner's Use
1	
2	
3	
4	
5	
6	
Total	

This document consists of 14 printed pages and 2 blank page	This document	consists of	of 14	printed	pages	and 2	blank	pages
---	---------------	-------------	--------------	---------	-------	-------	-------	-------

SP (NF/CGW) T27559/3 © OCR 2007 [A/102/7448] OCR is an exempt Charity **[Turn over**

A diagram has been removed due to third party copyright restrictions	
Details:	
A diagram showing the chest and lungs	
The Chest and Lungs	
Identify each of the structures labelled 1–7 in the diagram.	
1 2	
3	
4	

5

6

7[7]

(a)

1

(b) Describe two functions of each part of the respiratory system given below.

Trachea

Ciliated LiningAlveoli
Diaphragm
2 idpinagin
[8]
[Total: 15]

© OCR 2007 [Turn over

2	(a)	Describe the functions of the renal system.

-	
•	
•	
•	
•	
•	
•	
•	
•	
•	
•	
•	
_	
•	
-	
•	

A diagram has been removed due to third party copyright restrictions

Details:

A diagram of the digestive system

Digestive System

(a)	Identify each of the structures labelled 1–5 on the diagram.
	1
	2
	3
	4
	5[5
(b)	The digestive system can be affected by different dysfunctions.
	Identify one dysfunction of the digestive system. Describe how the daily routines and lifestyle of an individual could be affected by having this dysfunction.

 	 	
	Γ]	otal: 15]

A diagram has been removed due to third party copyright restrictions

Details:

A diagram of the male reproductive system

Male Reproductive System

(a)	ldentify eac	h of the structu	res labelled 1–5	on the diagra	m.	
	1		•••••		•••••	
	2		•••••		•••••	
	3		•••••		•••••	
	4	•••••	•••••		•••••	
	5	•••••	•••••		•••••	[5]
(b)	(i) Identif	y and describe	one dysfunction	on of the male	reproductive sys	tem.
		•••••	•••••	•••••	•••••	•••••
		•••••	•••••	•••••	•••••	•••••
	•••••	•••••	•••••	•••••	•••••	••••••
	•••••	•••••	•••••	•••••	••••••	
	•••••	•••••	•••••	•••••	••••••	
						•••••
						•••••
	•••••	••••	•••••	•••••	•••••	•••••
						[5

(ii)	Identify one diagnostic technique that could be used to diagnose this dysfunction. Describe one treatment that would be required in the event of a positive diagnosis.
	[5]
	[Total: 15]

(a) Describe the three main functions of the musculo-skeletal system.									
	1							 	
	2							 	
	3								
(b)	(i)		one muscu		dysfunction.				
			•••••			•••••			
		••••	•••••						
								 	[5]

(ii)	Identify one technique that could be used to diagnose this dysfunction. Describe one treatment that would be required in the event of a positive diagnosis.					
	[4]					
	[Total: 15]					

© OCR 2007 [Turn over

E	Explain the physiological effects that drinking excessive amounts of alcohol can have or	r	
C	cardio-vascular and other body systems.		
•		•	
•		٠.	
•			
•		•	
•			
•			
			,
•		•	
•		٠.	
•			

		[20]

14 BLANK PAGE

PLEASE DO NOT WRITE ON THIS PAGE

15 BLANK PAGE

PLEASE DO NOT WRITE ON THIS PAGE



PLEASE DO NOT WRITE ON THIS PAGE

Permission to reproduce items where third-party owned material protected by copyright is included has been sought and cleared where possible. Every reasonable effort has been made by the publisher (OCR) to trace copyright holders, but if any items requiring clearance have unwittingly been included, the publisher will be pleased to make amends at the earliest possible opportunity.

OCR is part of the Cambridge Assessment Group. Cambridge Assessment is the brand name of University of Cambridge Local Examinations Syndicate (UCLES), which is itself a department of the University of Cambridge.