

ADVANCED GCE F921

HEALTH AND SOCIAL CARE

Unit 12: Anatomy and Physiology in Practice

MONDAY 28 JANUARY 2008

Afternoon

Time: 1 hour 30 minutes

Candidates answer on the question paper

Additional materials: No additional materials are required

Candidate Forename				Candidate Surname			
Centre Number				Candidate Number			

INSTRUCTIONS TO CANDIDATES

- Write your name in capital letters, your Centre Number and Candidate Number in the boxes above.
- Use blue or 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.
- Do **not** write in the bar codes.
- Do not write outside the box bordering each page.
- Write your answer to each question in the space provided.

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	NER'S USE
1	
2	
3	
4	
5	
TOTAL	

|--|

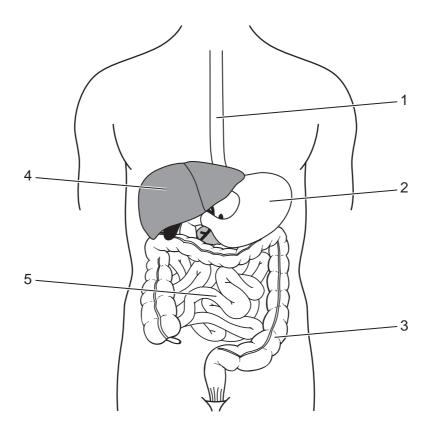
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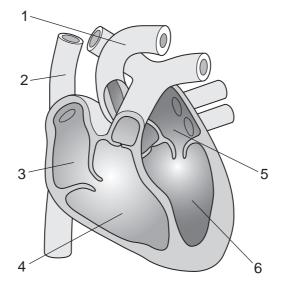




Digestive system

(a)	Identify each of the structures labelled 1 – 5 in the diagram.	
	1	
	2	
	3	
	4	
	5	[5]
(b)	Describe two functions of each part of the digestive system given below: • Pancreas • Liver • Stomach	

		[6]
(c)	Identify one diagnostic technique which could be used to detect a dysfunction of the diges system. Describe how this diagnostic technique would be carried out.	stive
		[4]



Heart

(a) Identify each of the structures labelled 1-6 in the diagram.

1	 	
2	 	
3		
6		 [6]

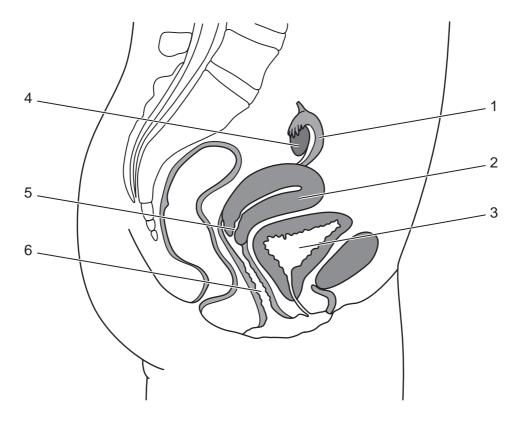
(b)	Identify three different types of blood cell. Describe the function of each.
	ro.
	[9]

[Total: 15]

3	(a)	Identify one dysfunction of the musculo-skeletal system.
		[1]
	(b)	Explain how the functions of the musculo-skeletal system can be affected by this dysfunction.
		[0]

(c)	Describe how this musculo-skeletal dysfunction could be diagnosed and treated.
	[10]

4



Female reproductive system

(a)	Identify	each	of the	structures	labelled	1 –	6 in	the	diagram.
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	1	
	2	
	3	
	4	
	5	
	6	.[6]
(b)	Identify two hormones that are involved in the menstrual cycle.	
	1	
		·

(c)	Describe the role of these and other hormones in the menstrual cycle.
	[12]

Describe the possible causes and assess the effects of lung disease on individuals in the L Kingdom.

 [30]
[30] [Total: 30]

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