

**BNSc 1**

**Summer  
Examination Papers  
2011**

Ollscoil Na hÉireann, Gaillimh  
 St Angela's College  
 Department of Nursing and Health Studies  
 Summer Examination 2011  
 BNSc General and Intellectual Disability Year 1  
 Anatomy, Physiology and Pharmacology Exam

Examiners: Ms. Helen McGloin\*, Ms. Lisa Winters, Ms. Ursula Gilrane, Dr. Michele Glacken, Dr. Kevin Gormley, Ms. Sandra Fleming

Time allowed: 1 hour  
 Total marks: 50 marks  
 No of questions to be attempted: 2

Instructions: Answer both questions in same answer book

<p>Q.1.</p>	<p>a. Label the diagram of the conduction system of the heart</p> <div style="text-align: center;"> </div> <p style="text-align: center; font-size: small;">Copyright © 2009 Pearson Education, Inc., publishing as Pearson Benjamin Cummings.</p>	<p>5 Marks</p>
	<p>b. Describe the cardiac cycle</p>	<p>20 Marks</p>
<p>Q. 2.</p>	<p>Discuss the factors that effect blood pressure</p>	<p>25 Marks</p>

Q. 3.	a. Describe the structure of the kidney	12 Marks
	b. Describe the control of micturition	13 Marks
Q. 4.	a. Describe the functions of white blood cells	12 Marks
	b. Describe the phases of haemostasis	13 marks

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**St Angela's College**  
**Department of Nursing and Health Studies**  
**Summer Examination 2011**  
**BNSc General and Intellectual Disability Year 1**  
**Anatomy, Physiology and Pharmacology – In Class Test**

**Examiners:** Ms. Helen McGloin\*, Ms. Lisa Winters, Ms. Ursula Gilrane, Dr. Michele Glacken, Dr. Kevin Gormley, Ms. Sandra Fleming

**Time allowed:** 1 hour

**Total marks:** 50 marks

**No of questions to be attempted:** 2

**Instructions:** Answer both questions in same answer book

<p><b>Q.1.</b></p>	<p>a. Label the large intestine</p> <div style="text-align: center; margin: 20px 0;"> </div> <p style="font-size: small; text-align: center;">Copyright © 2009 Pearson Education, Inc., publishing as Pearson Benjamin Cummings.</p>	<p><b>5 Marks</b></p>
	<p>b. List the digestive processes of the digestive system</p>	<p><b>5 Marks</b></p>
	<p>c. Describe the functions of the stomach</p>	<p><b>15 Marks</b></p>

Q2	<p>a. Describe the absorption of drugs in the body and the factors that affect it</p> <p>b. Classify and describe the types of adverse drug reactions</p>	<p><b>13 Marks</b></p> <p><b>12 marks</b></p>
Q. 3.	<p>a. List the twelve cranial nerves and their functions</p> <p>b. Describe the structure of a spinal nerve</p>	<p><b>12 Marks</b></p> <p><b>13 Marks</b></p>
Q. 4.	Describe the anatomy and function of the organs of the respiratory system	<b>25 Marks</b>

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**Summer Examination 2011**  
**BNSc General and Intellectual Disability Year 1**  
**Psychological, Philosophical and Sociological Approaches to Health Care**

Examiners: James Wade,\* Dr. Deirdre Harvey, Dr. Michele Glacken, Ms. Ursula Gilrane, Ms. Helen McGloin, Dr. Kevin Gormley, Ms. Sandra Fleming.

Time allowed: 2 hours

Total marks: 140 marks

No of questions to be attempted: 2 questions, one question from section A and one question from Section B.

Instructions: Please use separate answer books for each question

<b>SECTION A: PSYCHOLOGY</b>		
Q.1.	Discuss Sigmund Freud's contribution to our understanding of personality. Demonstrate how his ideas can be applied to nursing care.	70 Marks
Q. 2.	Erik Erikson proposed a theory of development that continues throughout the life span. Discuss this theory, describing how it may contribute to an understanding of clients in your care.	70 Marks
<b>SECTION B: PHILOSOPHY</b>		
Q. 3.	Discuss the importance of client autonomy in health care ethics.	70 Marks
Q. 4.	Discuss the principal ethical issues surrounding truth telling in health care.	70 Marks