



L-Università ta' Malta
Faculty of Health Sciences

Bachelor of Science (Honours) Nursing

October 2020

Resources for Preparation for the Values-Based Test

Section A: Health literacy and Problem Solving

The scenarios and associated questions test the level of health literacy and problem solving potential when relating to others, as well as elicit evidence of compassion and insight. Two scenarios (case studies) are presented with adjoining questions with the student asked to choose the correct answer out of a number of answers.

Noncommunicable Diseases: Introduction with links to main NCDs (cardiovascular disease, diabetes, respiratory disease & cancer), risk factors & prevention:

<https://ncdalliance.org/why-ncds/NCDs>

Centres for Disease Control & Prevention (CDC): Healthy Weight:

<https://www.cdc.gov/healthyweight/tools/index.html>

World Health Organisation (WHO): Physical Activity Health Sheet:

<https://www.who.int/news-room/fact-sheets/detail/physical-activity>

WHO: Adolescent Mental Health:

<https://www.who.int/news-room/fact-sheets/detail/adolescent-mental-health>

Johns Hopkins: Adolescent Depression:

https://www.hopkinsmedicine.org/psychiatry/specialty_areas/moods/adap/docs/adap-booklet_final.pdf

Dementia: Communication Issues:

<https://training.mmlearn.org/blog/how-to-talk-to-someone-with-dementia-alzheimers-or-memory-loss>

First Aid: Unresponsive individual who is breathing:

<https://www.youtube.com/watch?v=oF6NS7iJyAA>

Unresponsive individual who is not breathing:

<https://www.youtube.com/watch?v=hHyVQiWFXzg>

Section B: Scope and Value

Aimed at ascertaining the value judgements taken in practical nursing situations, as guided by the Code of Ethics for Nurses and Midwives. A set of questions are asked where the student is required to choose the correct option/s out of a number of options.

The Malta code of ethics for nurses and midwives:

<https://deputyprimeministercms.gov.mt/en/department-of-health-services/nursing-services/Documents/Legal%20Framework/Code%20of%20Ethics%20and%20Standards%20of%20Professional%20Conduct%20for%20Nurses%20and%20Midwives%20-%20Final.pdf>

Section C: Numeracy and Quantitative Reasoning

To test basic numeracy skills and the potential to apply these to a situated context. To ascertain the capability and potential for quantitative reasoning.

Two sets of questions that calculate – (1) medication doses
(2) Intake and output fluid balance

Nursing Maths: How to work out medication dosages:

<https://www.youtube.com/watch?v=pd9girgZeY4>

Nursing Calculations workbook (relevant pages 1 – 10):

https://unihub.mdx.ac.uk/_data/assets/pdf_file/0032/187655/Nursing-Calculations-Workbook.pdf

Fluid Balance Calculations:

<https://www.youtube.com/watch?v=Cu2763jlsac>

Section D: Science and Human Biology

To ascertain that the applicant has the required level of knowledge in the natural sciences, to enable them to further pursue these core subjects in direct relation to health and wellness.

Khan Academy: Biology Foundation Unit:

<https://www.khanacademy.org/science/high-school-biology/hs-biology-foundations>

Khan Academy: Human Body Systems:

<https://www.khanacademy.org/science/high-school-biology/hs-human-body-systems>

Section E: Interpreting Observation Charts

To assess an applicant's capability to read, process and interpret graphic/numerical data. A set of questions related to temperature, pulse, respiration and blood pressure readings that have been recorded on an observation chart.

An example is provided in the sample test.

Section F: Photo situational Analysis

To assess the applicants' observational skills and ability to attend to an individual's holistic needs through the values that they hold in relation to a variety of concepts essential to nursing such as compassion, caring and safety amongst others.

Examples are provided in the sample test.