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THE OPEN UNIVERSITY OF SRI LANKA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF NURSING
ACADEMIC YEAR 2018/2019 – SEMESTER II

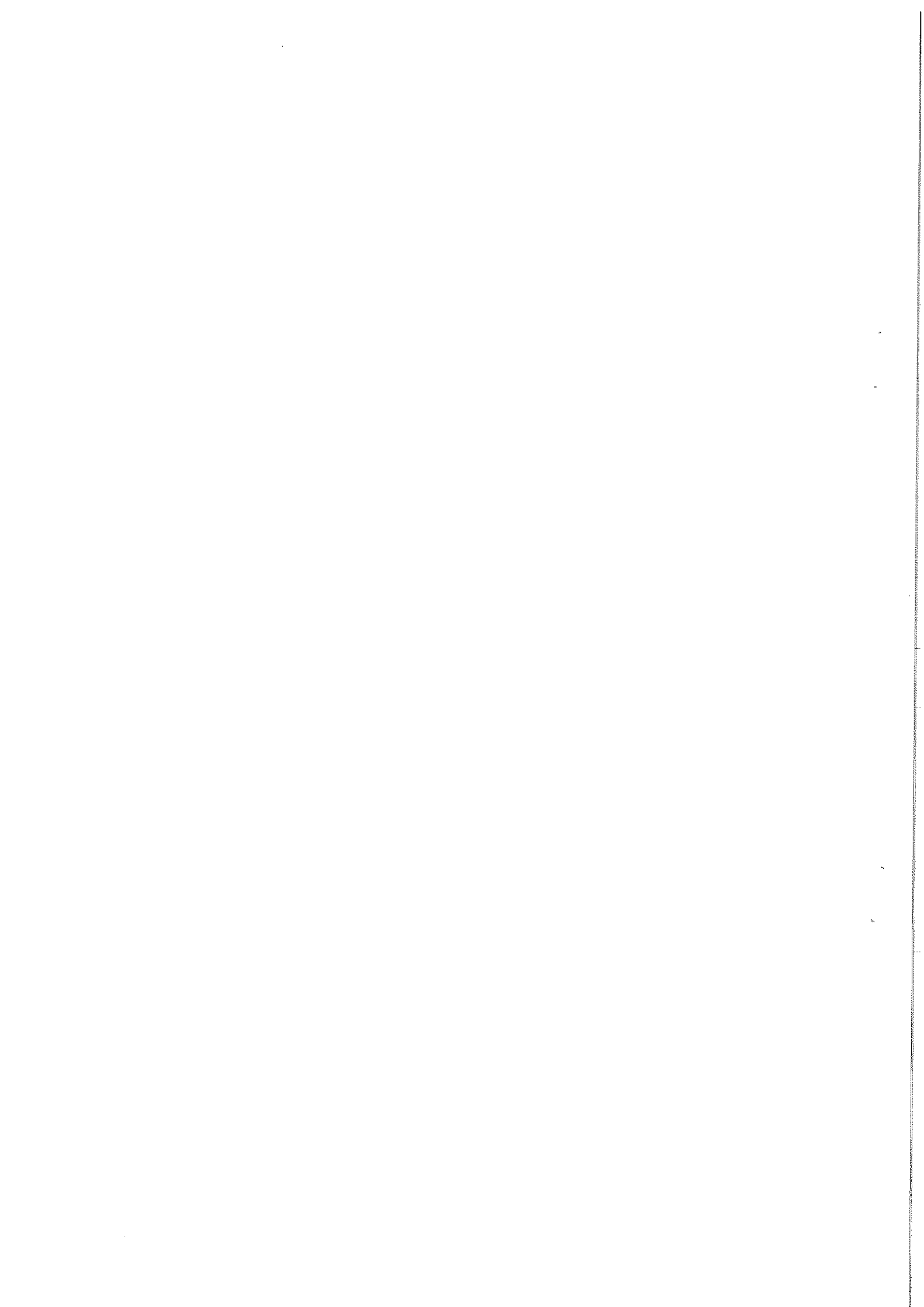


BACHELOR OF SCIENCE HONOURS IN NURSING
NGU5208 HEALTHCARE INFORMATICS- LEVEL 5
FINAL EXAMINATION

DATE: 08TH NOVEMBER 2019

TIME: 02.00PM –04.00 PM

INDEX NO:



Index No:

Part B –Fill in the blanks**(10 marks)****Fill in the blanks by using given words below.**

1. Role of informatics emerged with the implementation of the
2. refers to how much the user believes that the technology will help to improve the performance/efficiency.
3. is a unique healthcare identification to all Sri Lankans.
4. focus on transiting individuals and groups from current to a future state.
5. is a popular technique which include machine learning methods for unstructured data.
6. are now routinely used to improve individual's healthy behaviours.
7. monitors the patient who are in risk through infra-red camera.
8. denotes the recording of data in the same way and with the same meaning across records.
9. is a recommendation for future development in nursing education in Sri Lanka.
10. A specific plan should be developed for of data.

(Artificial Intelligence, Electronic Health Record/ EHR, Simulation lab, Electronic Medical Record/ EMR, Perceived Usefulness, retrieval, Consistency, Personal Health Number, Personal Health Record, Change management, Wearable devices, Fall surveillance systems)

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Part C - Short Answer Questions

(40 marks)

Question 01

1.1 Briefly explain the term “Ergonomics”

(5 marks)

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1.2 Write **five (05)** common causes of ergonomic problems/ injuries

(5 marks)

- I.
- II.
- III.
- IV.
- V.

1.3 Briefly describe **five (05)** appropriate strategies which can be followed by administrative level to reduce ergonomic problems/ injuries among workers

(10 marks)

- I.
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- II.
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- III.
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- IV.
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- V.
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Question 02

2.1 Project related to Health Information Technology (HIT) will result in delivering software products such as EHR. List **five (05)** specific skills to manage HIT products and services.

(5 marks)

- I.
- II.
- III.
- IV.
- V.

2.2 Write triple constraints of a Project

(3 marks)

- I.
- II.
- III.

2.3 Briefly describe the importance in considering above triple constrains in necessary detail at the beginning of the project

(6 marks)

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2.4 Briefly discuss the importance of change management during the implementation of the new clinic software

(6 marks)

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