



BRAINWARE UNIVERSITY

Term End Examination 2023-2024 (Oct, 2024)

Programme – B.Sc. Nursing-2023

Course Name – Health/Nursing Informatics & Technology

Course Code - HNIT 145

(Semester II)

Full Marks : 50

Time : 2:0 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

8 x 1=8

1. Choose the correct alternative from the following :

(i) Write a full form of CPU:

- a) Central Packing Unit
- c) Central Program Unit

- b) Central Processing Unit
- d) Career Program Unit

(ii) Tell that Internet Explorer is a type of:

- a) Operating System
- c) Compiler

- b) Browser
- d) IP Address

(iii) Identify the HIT stands for:

- a) Health information tables
- c) Health information technology

- b) Health information transcription
- d) Health information terminology

(iv) Select the acronym of EHR:

- a) Emergency Health Record
- c) Emergency Health Repository

- b) Electronic Health Record
- d) Electronic Health Repository

(v) Identify the correct safety measures should be a standard procedure for hospital doctor and nurses:

- a) Washing hands
- c) Thoroughly explaining to the patient or their family members about the reason for any test or treatment procedure.

- b) Checking the patient ID before giving medicine
- d) All of these

- (vi) Write the full form of NANDA:
- North American Nursing Diagnosis Association
 - North Atlantic Nursing Diagnosis Association
 - Norway American Nursing Diagnosis Association
 - New Zealand & American Nursing Diagnosis Association
- (vii) Choose the year when NANDA formed:
- 1960
 - 1970
 - 1980
 - 1990
- (viii) Choose which one is a Types of health care quality measures:
- Structural measures
 - Process measure
 - Outcome measure
 - All of these

Group-B
(Long Answer Type Questions)

1 x 10=10

2. Define electronic health record. Discuss the features of electronic health record. (10)
Explain the role of electronic health record in clinical field. (2+4+4)

OR

- Define Information and Communication Technology (ICT). (10)
State the uses of ICT.
Explain the barriers of ICT.

(2+4+4)

Group-C
(Short Answer Type Questions)

4 x 5=20

- Discuss the principle of HIM. (5)
- Enlist the purpose of risk management process. (5)
- Discuss the component of nursing informatics (5)
- Write down the advantages and disadvantages of Public health informatics (5)

OR

- Add a short note on Public health informatics. (5)

Group-D
(Very Short Answer Type Questions)

6 x 2=12

- Name two Application softwares. (2)
- Write the 3 basic layer in a HIS (2)
- List down examples that can cause harm to patient safety. (2)
- Write the barriers in adopting the public health informatics. (2)
- Write the importance of digital health. (2)
- Define knowledge management. (2)

