



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:

- | | |
|--|---|
| a) North American Nursing Diagnosis Association | b) North Atlantic Nursing Diagnosis Association |
| c) Norway American Nursing Diagnosis Association | d) New Zealand & American Nursing Diagnosis Association |

(vii) Choose the the year when NANDA formed:

- | | |
|---------|---------|
| a) 1960 | b) 1970 |
| c) 1980 | d) 1990 |

(viii) Choose which one is a Types of health care quality measures:

- | | |
|------------------------|--------------------|
| a) Structural measures | b) Process measure |
| c) Outcome measure | d) 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

3. Discuss the principle of HIM. (5)
4. Enlist the purpose of risk management process. (5)
5. Discuss the component of nursing informatics (5)
6. 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

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

OR

Write down the advantages of knowledge management

(2)
