BRAINWARE UNIVERSITY

Term End Semester Examinations, July- 2023
Programme – Bachelor of Science in Nursing
Course Name – Health/Nursing Informatics & Technology
Course Code – HNIT145
(Semester – II)

Time allotted: 2 hrs.   **Full Marks: 50**

[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 Question)   **8 x 1 = 8**

1. Select the correct answer of the following :-

i) Internet Explorer is a type of:

    a   Operating System   b   Browser
    c   Compiler   d   IP address

ii) Identify the correct answer " Health informatics is a _____ field

    a   Medical   b   IT

    c   Multi-disciplinary   d   None of these

iii) Select the following Which is not benefit of information system in health care:

    a   Offline appointment booking only   b   Collaborative care

    c   Data analytics   d   Health management

iv) Identify Which the aspects is not an importance for patient safety:

    a   To provide quality of health care   b   To ignore errors and carry on medical procedure.

    c   To provide timely and efficient health services   d   To report errors and associated risks.

v) Identify the year when NANDA formed:

    a   1960   b   1970

    c   1980   d   1990

vi) Write the following is not an objective of NIS:
    a   Patient administration   b   Ignoring patient complaints

    c   Processing information for decision making   d   Transferring patient information between different health care facility.

vii) Identify which one is a Types of health care quality measures:
    a   Structural measures   b   Process measure

    c   Outcome measure   d   All of the above

viii) Select the following which is not a legal safeguard for nurses:

    a   Not reporting the crime   b   Ensuring correct patient identity

    c   Accurate and timely documentation   d   Obtaining informed consent

Group – B (Essay/ Long answer type question)   **1 x 10 = 10**

(Answer Any One Question)

2. Define electronic health record. Discuss the features of electronic health record.   2+4+4=[10]
   Explain the role of electronic health record in clinical field.
3. Define knowledge management. Explain in details about barriers to adoption of   2+8=[10]
   knowledge management system.

Group – C (Short answer type question)   **4 x 5 = 20**

(Answer Any Four Questions)

4. Name 2 input devices and 2 output devices.   [5]

5. Explain the 3 basic domain in health information system.   [5]

6. Discuss about "Why secondary memory is needed in Computer?"   [5]

7. Define Tele medicine, Tele Nursing, Tele monitoring.   2+2+1=[5]

8. Describe the types of health care quality measures.   [5]

Group – D (Very short answer type question)   **6 x 2 = 12**

(Answer Any Six Questions)

9. State the benefits of ICT in health care.   [2]

10. Write the barriers in adopting the public health informatics.   [2]

11. Identify the need of health informatics.   [2]

12. Enlist the limitation of health informatics.   [2]

13. Write the importance of digital health.   [2]

14. Write the need of ethics in health care informatics.   [2]

15. Enlist the goals of evidence based practice.   [2]