



BRAINWARE UNIVERSITY

Term End Examination 2024-2025

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) Identify from following statements "What information is more available to doctors because of the inception of EHR:
 - a) Drug dosages
 - b) Diet chart
 - c) Investigation report
 - d) All of these
- (ii) Predict the correct answer "Which of the following events is not a component of risk management process"
 - a) Identifying risk
 - b) Incident investigation
 - c) Investigating sentinel events
 - d) Focus only on active errors and ignore latent errors
- (iii) Identify the department from where Filing, Indexing and retrieving patients records is carried in:
 - a) Therapeutic Department
 - b) Medical Record Department
 - c) Administrative Department
 - d) Maintenance Department
- (iv) Choose the domain which is not included in health care quality:
 - a) Safe
 - b) Timely
 - c) Conventional
 - d) Equitable
- (v) Choose among the following HIS that improves patient safety
 - a) Alert notification
 - b) Hassle-free-process
 - c) Circumvention of medical errors
 - d) All of the above
- (vi) Name the form of raw data after analyzing & summarizing
 - a) Data
 - b) Knowledge
 - c) Information
 - d) Decision
- (vii) Define healthcare data analytics
 - a) It provides simple summaries of observations
 - b) It forecast information
 - c) It determines potential solutions
 - d) It tests a hypothesis

(viii) Find the informatics ethics except

- a) Equality & justice
- b) Privacy
- c) Openness
- d) Access

Group-B
(Long Answer Type Questions)

1 x 10=10

2. Explain nurses' responsibilities in legal & ethical aspects of digital health. Estimate telenursing in detail.(5+5=10) (10)

OR

Explain Evidence based practice. Estimate role of nurse to ensure quality health care. Interpret scope of Evidence based practice.(2+5+3=10) (10)

Group-C
(Short Answer Type Questions)

4 x 5=20

- 3. Explain the 3 basic domain in health information system. (5)
- 4. Discuss about the role of knowledge in improving decision making in clinical and policy context. (5)
- 5. Briefly explain 10 e's in E-health. (5)
- 6. Describe the types of health care quality measures (5)

Group-D
(Very Short Answer Type Questions)

6 x 2=12

- 7. List the objectives of hospital information system. (2)
- 8. State the benefits of ICT in health care. (2)
- 9. List 2 barriers of CIS (2)
- 10. Explain CDSS (2)
- 11. Explain about NANDA-I (2)
- 12. Illustrate first 2 steps of Evidence Based Practice (2)
