

The West Bengal University of Health Science

B.Sc Nursing 2nd Semester August-September, 2023 Examination

Subject: Health Informatics and Technology

TIME: 2 Hours

Full Marks: 50

Attempt all Question

I. Multiple Choice Question:

(1×10 =10)

- All are the characteristics of Hospital Information System, except:
(a) Input (b) Process (c) Hardware (d) Data.
- The hospital information system is categorized as:
(a) TPS (b) MIS (c) DSS (d) All of the above.
- How do the electronic health records in health informatics help the health care team?
(a) Avoiding meetings (b) Avoiding misinterpretations
(c) sharing personal data (d) sharing messages.
- In order to keep a track of the patients, one should use:
(a) Medical Informatics (b) Telemedicine (c) computer Informatics (d) None of the above.
- The procedural Limitation of health informatics includes:
(a) Mostly service utilization (b) Fragmentation of data
(c) Encryption issues (d) Storage and maintenance.
- As data is the raw material, information is:
(a) Unprocessed data. (b) Processed data. (c) Facts (d) None of the above.
- The term 'Wisdom' means:
(a) Quality of having experience. (b) Quality of good judgement. (c) Quality of being wise (d) All of the above.
- Data about data is known as:
(a) Alpha data. (b) Theta data (c) Meta data (d) Processed data.
- _____ is a set of international standards used to transfer and share data between various healthcare providers:
(a) SL-2 (b) SL-5 (c) HL - 7 (d) HL-9
- H I S refers to:
(a) Hospital Information System (b) Hospital Initiative system
(c) Health Initiative System (d) Health Information System

P.T.O

II. Essay Questions

(2+5+3 =10)

1. (a) Definitions of Health Information System?

(b) Write down the Benefits of Health Information System.

(c) What are the major areas of clinical Information System?

2. What is patient care technology? Discuss its benefits in Nursing, what can be the drawbacks of Patient Care technology?

(2+4+4=10)

III. Answer the Very short question:

(2×10=20)

(i) What is cell and active cell?

(ii) What is Bar code?

(iii) Write down the High-risk areas in health Care

(iv) What is electronic Health Record?

(v) What is Data Information?

(vi) What is objective of Health informatics?

(vii) What is the Component of Information System?

(viii) What is Hospital Information System?

(ix) Difference between EHR and EMR?

(x) What is the Goals of EHR standards?

