091905T4HRI

HEALTH RECORDS AND INFORMATION TECHNOLOGY LEVEL 5

HE/OS/HR/CR/02/5/A

Maintain Health Records Database

July/Aug 2023

TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION

COUNCIL (TVET CDACC)

WRITTEN ASSESSMENT

Time: 3 hours

INSTRUCTIONS TO CANDIDATES

1. **This paper has three sections A, B and C.**
2. **You are provided with a separate answer booklet.**
3. **Marks for each question are as indicated.**
4. **Do not write on the question paper**

This paper consists of 8 printed pages

Candidates should check the question paper to ascertain that all pages are printed as indicated and that no questions are missing

SECTION A: (20 Marks)

*Answer **all** questions in this section.*

Each question carries one Mark.

1. Storage of collected data and generated information shall be handled with …and …. they deserve.

   A. Confidentiality and integrity

   B. Security and confidentiality

   C. Confidentiality and conformity

   D. Confidentiality and timeliness

2. Which one among the following minimizes errors in health information system

   A. Forgetting to tally

   B. Miscalculation

   C. Figure cooking

   D. Double-checking

3. The following is the most appropriate current flow of health information:

   A. Dispensary, hospital, health Center

   B. Hospital, dispensary, county level, national level

   C. Community unit, dispensary county level, national level

   D) Unit level, sub county level, county level, and national level

4. A good and effective Health information system should?

   A. Participate in organization of HIS in Kenya

   B. Use ICT in health information system

   C. Open up a continuous dialogue between those who collect data and users of information with aim of improving health service

   D. Should us statistics

5. You consider many factors to determine the choice of a computer in electronic data management except?

    A. Speed

    B. Color

    C. Cost

    D. Volume of work to be done

6. The number of persons targeted for a particular indicator in service delivery indicators is called?

    A. Eligible population

    B. Target population

    C. Population sized

    D. Parent population

7. The process of capturing data through various techniques like recording, observation and viewing is called?

    A. Data collection

    B. Data collation

    C. Data capturing

    D. Data cleaning

8. What do you understand by "health data"?

    A. Any data related to health conditions, reproductive outcomes, causes of death, and quality of life for an individual or population.

    B. Any processed information

    C. Any information pertaining to the well-being of an individual.

    D. The information that indicates that a person is suffering from a particular disease.

9. When choosing the tools to use for data collection, the tool should ensure that data collected has one of the following features;

    A. Accurate

    B. Redundant

    C. Ambiguous

    D. Enormous

10. Data receiving checklist serves one of the following purposes. Which one is it?

    A. Ensure data completeness

    B. Ensures data incompleteness

    C. Promotes data redundancies

    D. Promotes omission errors

11. As a health records technician, after data collection, what should you do?

    A. Leave the hospital

    B. Keep to yourself

    C. Submit to correct destination

    D. Relax discard the collection tool

12. A tool commonly used in hospital bed state data collection is;

    A. Daily Bed Returns

    B. Inpatient register

    C. Summary tool

    D. Census report

13. Data refers to;

    A. Information

    B. Processed information

    C. Raw facts

    D. Processed facts

14. Which of the following tool can be used for death registrations?

    A. B1 form

    B. D1 form

    C. C1 form

    D. D2 form

15. Which of the following is not a good characteristic of a health records technician that leads to timely submission of health data?

    A. Analytical

    B. Accurate

    C. Irrelevant

    D. Good time manager

16. Daily hospital census is a source of data; at what time should it be done?

    A. 11:00pm

    B. 12:00 am

    C. 5:00am

    D. 12:00 pm

17. Which system will one use to submit facility-based data to the Ministry of Health?

    A. DHIS

    B. KHDS

    C. KDH

    D. HIS

18. Which one of the following is a secondary data collecting tool?

    A. ANC register

    B. Outpatient register

    C. Outpatient morbidity summary

    D. Family planning register

19. Tiers are ways in which health care services are organized. Tier 3 refers to;

    A. Level – Community
    B. Level 2 and 3 – Dispensary and Health center
    C. Level 4 and 5 facilities
    D. Level 6 facilities

20. _____ is to regularly track changes in indicators over time in order to manage the implementation of an action plan.

    A. Evaluate

    B. Input

    C. Process

    D. Monitor

SECTION B: (40 MARKS)

*Answer **all** questions in this section.*

21. Data validation rules may be defined, designed and deployed;
    a) Define the term validation in data management.   (2 Marks)
    b) State TWO main methods of verification   (2 Marks)

22. Data processing ranges from simple manual compilation to sophisticated computerized processing. Outline FIVE disadvantages of computerized data processing (5 Marks)

23. Highlight FIVE objectives of health information system.   (5 Marks)

24. Recall FOUR health information system you are familiar with.   (4 Marks)

25. Health information system depends on many factors. State FOUR components of the HIS.
                                                                        (4 Marks)

26. It's important for health records and information technicians to know abbreviations used in HIS, write the following abbreviations in full.   (5 Marks)
    a) CBHIS
    b) MFL
    c) GIS
    d) KEPH
    e) KDHS

27. State FIVE dimensions of data quality that health information should take for it to have the utmost value it should pose.   (5 Marks)

28. List FOUR advantages of a functioning health information system.   (4 Marks)

29. Enumerate the FOUR Tiers of health care in Kenya   (4 Marks)

SECTION C: (40 Marks)

*Answer any **two** questions in this section*

30. Having quality data is a good trajectory toward the realization of better health care but most of the health care system hasn't met this perspective. As the head of the Rironi sub-county health data management team.
    a) Discuss FIVE challenges facing health system in Kenya   (10 Marks)
    b) Explain FIVE key sources of health information   (10 Marks)

31. The overall thrust of the policy is to limit the amount of information collected and reported so as not to place an unmanageable burden on the personnel required to collect it. Explain criteria to be applied in determining whether to include items of information in the health information system.   (20 Marks)

32. As a health records and information officer in-charge of Githumu health center, discuss to the students on attachment;
    a) FIVE advantages of using computers in health care   (10 Marks)
    b) Explain FIVE types of indicators   (10 Marks)

END