091906T4HRI
HEALTH RECORDS AND INFORMATION TECHNOLOGY LEVEL 6
HE/OS/HR/CR/01/6/A
MANAGE 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 two sections **A** and **B.**

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 3 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: (40 Marks)

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

1. Define database   (2 Marks)

2. State THREE main roles of a health records database?   (3 Marks)

3. List FOUR examples of information captured in a typical health records database

                                                                            (4 Marks)

4. State FOUR benefits of   a health records database   (4 Marks)

5. Differentiate between data set and data validation   (4 Marks)

6. Give FIVE reasons why health records database operation manual is important (5 Marks)

7. State THREE reasons why health information report must be shared   (3 Marks)

8. Explain THREE security measures for health record database that will ensure safe storage

    and sharing of health related data.   (6 Marks)

9. List FOUR major components of a database   (4 Marks)

10. Outline THREE things involved in database maintenance.   (3 Marks)

11. What is the role of database testers in development of a health record database (2 Marks)

SECTION B: (60 Marks)

*Answer any **three** questions in this section.*

12. There has been an increase in need to have health records database in aid to manage health records effectively. Discuss FIVE key uses of health records database. (20 Marks)

13. The health information exchange (HIE) that allows electronic transmission of health information is a growing practice among health care providers. Discuss any FIVE benefits HIE has in health information transmission. (20 Marks)

14. Best practices are one of the key issues that must be observed when storing and archiving medical records in a database. Explain TEN best practices in storage and archiving medical records in a database (20 Marks)

15. When designing a health records database, there are some key considerations that need to be put in place to ensure that the database achieves the intended goal. Giving an example in each case, discuss FIVE key elements that should be considered. (20 Marks)

END