



**NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY
FACULTY OF COMMERCE, HUMAN SCIENCES AND EDUCATION**

DEPARTMENT OF TECHNICAL AND VOCATIONAL EDUCATION AND TRAINING

QUALIFICATION: DIPLOMA IN TECHNICAL AND VOCATIONAL EDUCATION AND TRAINING: TRAINER	
QUALIFICATION CODE: 06DTV	LEVEL: 6
COURSE NAME: EDUCATIONAL TECHNOLOGY	COURSE CODE: EDT510S
DATE: JUNE 2022	SESSION: PAPER ONE
DURATION: 3 HOURS	MARKS: 100

FIRST OPPORTUNITY EXAMINATION QUESTION PAPER	
EXAMINER(S)	Mrs J. Eiseb
MODERATOR	Mr N. Abraham

INSTRUCTIONS	
<ol style="list-style-type: none">1. Answer ALL the questions.2. Read all the questions carefully before answering.3. Number the answers the same as on the question paper.4. Please ensure that your writing is legible, neat, and presentable.5. All answers should be limited to the software and technologies as discussed in this course.	

THIS QUESTION PAPER CONSISTS OF 3 PAGES (Including this front page)

Question 1

There is various software that can be used to create audio and music.

- 1.1. Identify one (1) audio software other than the normal PowerPoint feature that can be used to create audio and music. [2]
- 1.2. Briefly describe how this audio software works. [4x2=8]
- 1.3. Identify a picture application other than the normal PowerPoint feature that can be used to add edited pictures. [2]
- 1.4. Briefly describe how this picture/photo application works. [3x2=6]

Question 2

The SAMR model is used to guide on how to incorporate different technologies to enhance and transform a traditional lesson.

- 2.1. Create a trade specific task/assignment. [2]
- 2.2. What is the name of the first level of the SAMR model? [2]
- 2.3. Change the traditional task by adding the first level of the SAMR model. [2x2=4]
- 2.4. Name the second level of the SAMR model. [2]
- 2.5. Change the traditional task by adding the second level of the SAMR model. [2x2=4]
- 2.6. What is the name of the third level of the SAMR model? [2]
- 2.7. Change the traditional task by adding the third level of the SAMR model. [4x2=8]
- 2.8. Name the fourth level of the SAMR model. [2]
- 2.9. Change the traditional task by adding the fourth level of the SAMR model. [4x2=8]

(Answer 2.1 on a clean sheet of paper; 2.2 and 2.3 on one sheet, 2.4 and 2.5 on one sheet, 2.6 and 2.7 on one sheet, and 2.8 and 2.9 on one sheet)

Question 3

- 3.1. What is Moodle Cloud? [2x2=4]
- 3.2. Briefly describe how a Trainer can use Moodle Cloud for teaching. [6x2=12]

Question 4

- 4.1. What are the three main questions to bear in mind to guide the use of technology for teaching? [3x2=6]
- 4.2. Briefly explain these 3 aspects that guide the use of technology. [6]

Question 5

Indicate if the following statements are true or false. [10x2=20]

- 5.1. The original Technology Acceptance Model (TAM) was proposed by Fred Davis in 1989.
- 5.2. Video conferencing is ideal for people in the same venue to meet and discuss issues.
- 5.3. A portfolio is usually physical evidence of a person's work collected over a period in a given field of study.
- 5.4. JigSpace, 3D printing, and Google translate are all examples of traditional modes of teaching aids.
- 5.5. Data mining refers to the process of getting data from a TVET mine.
- 5.6. Creative Commons is a licensing system that assists users to identify and use multimedia content without breaking copyright laws.
- 5.7. CC0 is the abbreviation used for multimedia that can be freely used by all.
- 5.8. The Attribution license requires that the original creator be listed.
- 5.9. CC BY-NC stands for Attribution-Non-Commercial-Share Alike.
- 5.10. Google forms can be used as part of the flipped classroom approach.