

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
SCHOOL OF SCIENCE AND TECHNOLOGY EDUCATION
DEPARTMENT OF EDUCATIONAL TECHNOLOGY,
FIRST SEMESTER, 2021/2022 EXAMINATION.

Course code: EDT 312

Course Title: Low-cost Technology in Education

Time Allowed: 2Hours

Instruction: Answer all questions. fill in Section A in the spaces provided in the question paper and answer Section B in the answer booklet

1. Efegbo, defines instructional materials as anything, meaning it can be-----and ----- that can help the teacher to communicate his/her ideas to the learners.
2. Materials whose information can only be decoded by the sense of seeing is called----- materials.
3. The designers sequence of activities is called
4. Instructional materials such as television and video tapes are also called-----materials.
5. One of the factors to consider before producing instructional materials is-----
6. The creation of a plan for the construction of an object or a system is known as -----
7. One of the acceptable models of design process is the ----- model.
8. The model consists of -----stages.
9. The problem that may likely arise during the process of production or use is known as -----
10. The materials that are used for production are also known as -----
11. There are -----methods of producing instructional materials
12. -----model is instruction system guidelines that teachers can use to develop lesson plans.
13. -----model focuses on the learners over all outcome of accomplishing lessons objectives.
14. Mobile board, magnetic board and bulletin board are common -----
--- media used in the classroom.
15. Imitative, adaptive and creative material production are methods of-----

Section B.

Answer question one and any other two questions

1. With the aid of a well labeled diagram, select a topic in your subject area and prepare a lesson plan that you can teach students for 35minutes.
- 2a. Mention three (3) methods of producing instructional materials and explain two.
- 2b. Mention the four stages of design process.
- 3a. Define the term instructional materials.
- 3b. Mention three (3) types of instructional materials and explain any one.
- 4a Mention 4 components of instructional materials design and explain any two.
- 4b low-cost technology is an act of integrating low-cost technology into the classroom for effective teaching and learning. DISCUSS