

QUESTION & MARKING SCHEME

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
SCHOOL OF SCIENCE AND TECHNOLOGY EDUCATION
DEPARTMENT OF SCIENCE EDUCATION

FIRST SEMESTER EXAMINATION

SESSION: 2016 / 20017

UNITS: 3

COURSE TITLE: INFORMATION MANAGEMENT AND TECHNOLOGY

COURSE CODE: EDT 412

TIME: 3 HOURS

INSTRUCTION: Answer all the question

- Q1. a. Write short note on the historical overview of information and communication media and technique? *4mks*
- b. Discuss the chronological development of information and communication media in education *4mks*
- c. List tradition mean of information and communication media and techniques? *Any six = 3mks*
- d. Mention four modern communication media *2mks*
- e. Highlight any five (5) characteristics of Ancient communication media. *Any 5 = 2mks*
- Q2. a. Information storage and information retrieval are known to be the two major components of information handling. This, is the quest for information about existing media such vital information could be elicited through? *Any 5 = 5mks*
- b. Define the word Reprography? *— 2mks*
- c. Mention Six non-silver photographic process that are commonly used in educational settings *3mks*
- d. Offset duplication comes in various types and sizes, mention Four (4) of those with lithographic process. *5mks*
- Q3. a. Define communication? *2mks*
- b. List and discuss channels of communication *5mks*
- c. Briefly relate communication to the teaching learning situation *3mks*
- d. Show diagrammatically the effect of noise in communication *5mks*
- Q4. a. Define the term communication models? *2mks*
- b. Write an explanatory account of Aristotle Model of communication *7mks*
- c. Differentiate between "Data" and "Information" *2mks*
- d. Define the term Transmission Medium. *2mks*
- e. Mention two classes of transmission medium with one example each. *2mks*

Dr. Ibrahim, I. KUTA

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2/5/18