UNIVERSITY OF GHANA
DEPARTMENT OF TEACHER EDUCATION
END OF FIRST SEMESTER EXAMINATION - 2020/2021 ACADEMIC YEAR
4 YEAR BACHELOR OF EDUCATION PROGRAMME
(UPPER PRIMARY SPECIALISM)

COURSE TITLE:
MULTIMEDIA DEVELOPMENT AND USE IN UPPER PRIMARY SCHOOLS.

COURSE CODE: TEUP 203 **LEVEL 200**

TIME ALLOWED: 2 Hours **DATE: ....**

INSTRUCTIONS:
READ ALL INSTRUCTIONS CAREFULLY

This paper consists of two (2) sections, Section A and B. Answer ALL questions in Section A and only THREE questions in Section B. All questions MUST be answered in the answer booklet.

SECTION A [10 MARKS]

This section consists of 20 multiple choice questions. Answer All questions. Each correct answer attracts one (1) mark.

1. In teaching the process of preparing your presentation on Ms. PowerPoint, which of the following will you ignore?
   a. audio
   b. graphics
   c. software
   d. Text

2. As a newly trained teacher, you were asked by your head teacher to execute instructions by applying technology-driven processes, tools and activities, which of the following thematic areas would you consider?
   a. Computer Science
   b. Educational Technology
   c. Instructional Technology
   d. Software Engineering

3. Ama Atta's way for the acquisition of knowledge is basically through study, experience and teaching. How will you describe her action?

   a. Concept

   b. Learning

   c. Teaching

   d. Understanding

4. When you were in SHS, you studied many concepts and gained a lot of experiences which helped you to incorporate new experiences that you are gaining at the college level. Which of the following describes your situation?

   a. Accommodation

   b. Assimilation

   c. Experimentation

   d. Understanding

5. There are various perspectives of how people make meaning. However, one theorist believed strongly that community plays a central role in the process of "making meaning"? Who is the person?

   a. Brunner

   b. Dewey

   c. Piaget

   d. Vygotsky

6. All the following are basic elements of visual design **except** …

   a. Balance

   b. Biases

   c. Contrast

   d. Emphasis

7. Which of these is **not** valuable of using instructional media?

   a. Arousal of Interest

   b. Clarify Concepts

   c. Faster communication

   d. Provision of variety

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8. An improvement to the CD-ROM is the .... that can store better quality video
   a. Blu-ray
   b. DVD
   c. VCD
   d. Floppy Disk

9. The best term used to describe a situation where all elements are in agreement is ....
   a. contrast
   b. harmony
   c. scale
   d. similarity

10. In delivering multimedia file, which of the following modalities does not share content with the client but rather delivers content directly to the client?
   a. Real-time streaming
   b. Progressive download
   c. Compression
   d. Periodic upload

Provide the correct response to mark the sentence meaning and complete

11. A set of beliefs that guide our actions as individuals and professionals in our fields of study is known as ....

12. The multimedia application that attempts to model real-life situation on a computer is commonly known as ....

13. The process by which a series of graphical images are displayed one after the other to simulate movement is termed ....

14. The development, application, and evaluation of system, techniques and aids to improve the process of human learning is termed as ....

15. The untested hunch, a conjecture or a guess without supporting evidence is termed as.....

16. The multimedia element that explains ideas through pictures, images and icons is known as ....

17. The term texture can best be described as ....

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18. The digital version of a printed book which can be viewed on any form of digital device or medium is best described as ....

19. The principles for creating visual design include .... and ....

20. Any storage device or medium added to a computer beyond the immediately useable main storage is known as ....

SECTION B [30 MARKS]

INSTRUCTION: *This section consists of five (5) essay type questions. Answer only THREE (3) questions. Each correct answer attracts ten (10) marks.*

1. A newly appointed head teacher in your school has always been complaining bitterly about the amount of money being spent on maintaining the Teaching and Learning Resource Centre in your school. With reference to the knowledge you have received in studying Multimedia Development and Use in Schools, discuss five (5) reasons to convince your head teacher to appreciate the importance of resource centers in our educational settings.

2. You have been invited to an orientation programme for untrained teachers in Agona Nkwanta basic school to discuss the relevance of integrating multimedia in the classroom, with specific examples, explain five (5) factors you would discuss during your presentation.

3. In a general meeting with your school Finance Committee, they indicated their inability to provide the full amount of money you requested to purchase items for the development of learning materials for the Resource Centre. Upon several deliberations, you were given only 40% of the amount requested, with specific examples, discuss five (5) ways through which you will use this limited amount in developing the learning materials without compromising quality and purpose.

4. Write short notes on the following:
    i.   Model
    ii. Educational Technology
    iii. Instructional media
    iv. Constructivist theory
    v.   Simulation

5. Using relevant examples, describe the four (4) major stages of cognitive development as proposed by Jean Piaget.