NATIONAL OPEN UIVERSITY OF NIGERIA
PLOT 91, CADASTRAL ZONE,NNAMDI
AZIKIWE EXPRESSWAY,JABI, ABUJA
FACULTY OF EDUCATION
DEPARTMENT OF SCIENCE EDUCATION
2025_2 EXAMINATIONS

COURSE CODE: EDU 740
COURSE TITLE: Mathematics Methods
UNIT: 2C
TIME: 2 HRS
INSTRUCTION: Answer question number one and any other two questions

1.(a) A successful mathematics teacher should write a lesson note in order to be well prepared for the mathematics lesson. Justify this statement. **(10 marks)**
(b) Enumerate the relevance of Mathematics to other school subjects. **(10 marks)**
(c) List the elements to be included in a standard lesson note. **(10 marks)**

2.(a) Teaching/learning aids facilitate teaching/learning process. Discuss the factors you must bear in mind when choosing teaching/learning aids. **(10 marks)**
(b) Why is mathematics curriculum one of the salient factors a mathematics teacher must consider when writing a lesson note? Discuss. **(10 marks)**

3.a.Discuss this Piaget's psychological theory of learning. **(10 marks)**
(a) Enumerate the implications Piaget's psychological theory of learning for the teaching of mathematics. **(10 marks)**

4.(a) When writing lesson note for mathematics lesson, you must state the behavioural objectives expected of the students at the end of the mathematics lesson. Explain the parts of the behavioural objectives you must have in mind when stating the behavioural objectives in a mathematics lesson note. **(10 marks)**
(b) Learning or teaching aids are any type of material that can assist or speed up the process of learning with or without any assistance of a second person for example a teacher. How will you classify the mathematics learning aids? **(10 marks)**