



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**FACULTY OF AGRICULTURAL SCIENCES EXAMINATION 2021**  
POP EXAMINATION 2021 12345

**Programme: Agricultural Extension and Management**

**Course Title: Psychology for Extension Personnel**

**Course Code: AEM 510**

**Credit Unit: 2**

**Total Score: 70Marks**

**Time Allowed: 2Hours**

**INSTRUCTION: Answer three (3) questions in all.**

1a. Define intelligence based on Vernon approach under the following headings:

- i. Biological (2marks)
- ii. Physiological (2marks) and
- iii. Operational (2marks).

b. Mention and explain the three types of intelligence (12marks).

c. Explain four major causes of individual differences (6marks).

2a. Learning has been defined severally by psychologist and educationist. State at least three (3) basic definitions of learning. (6marks)

b. Expatriate on the term Learning Process. (3marks)

c. Explain any seven (7) factors that affects' learning (14marks).

3a. What do you understand by the word emotion (3marks)

b. List and explain any five consequences of emotions (10marks).

c. Mention and explain any five mechanisms for coping with emotional problems (10marks).

4a. i. Explain the term "Theory" (5marks)

ii. Highlight at least five (5) importance of Theory in an extension work. (5marks).

b. Highlight the four components of S-R Classical Conditioning Theory as propounded by I.V Pavlov (4marks)

c. State the six (6) principles of Classical Conditioning Theory to the Extension workers (9marks).