



NATIONAL OPEN UNIVERSITY OF NIGERIA
PLOT 91, CADASTRAL ZONE, NNAMDI AZIKIWE EXPRESSWAY, JABI, ABUJA
FACULTY OF MANAGEMENT SCIENCES
JANUARY 2020 MARKING SCHEME
2020_1 Examination

COURSE CODE: MBA816

CREDIT UNIT: 3

COURSE TITLE: QUANTITATIVE METHOD FOR MANAGEMENT

TIME ALLOWED: 2½ Hours

- INSTRUCTIONS:**
1. Attempt question Number one (1) and any other three (3).
 2. Question number 1 is compulsory and carries **25 marks**, while the other questions carry 15 marks each
 3. Present all your points in coherent and orderly manner

QUESTION 1

- (a) Define the term – natural number.
- (b) Give 2 examples of natural numbers. **25 marks**

QUESTION 2

- (a) List and discuss three basic types of fraction in mathematical analysis. **10marks**

- (b) Simply the following $\frac{5y}{6} - \frac{y}{3}$ **5 marks**

QUESTION 3

- (a) Your friend who is a student in Philosophy class asked you to explain to him what a number line is. Please explain it concisely to him.
- (b) If a positive integer is subtracted from a smaller positive integer, what should the answer be? **15 marks**

QUESTION 4

- (a) What are Rational Numbers
- (b) Give 5 examples of rational number. **15 marks**

QUESTION 5

- (a) What are irrational numbers
- (b) What is the difference between rational and irrational numbers? **15 marks**

QUESTION 6

Solve the following

- (a) $(-15) \div (-3) = ?$
- (b) $(-15) \div (+3) = ?$
- (c) $(+15) \div (-3) = ?$ **15 marks**