

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

MAIN/EMBU

FIRST YEAR EXAMINATION FOR THE AWARD OF CERTIFICATE IN
PROJECT MANAGEMENT

PPMA 00134: RESEARCH METHODS IN PROJECT MANAGEMENT

STREAMS: Y1S3

TIME: 2 HOURS

DAY/DATE: THURSDAY 25/03/2021

11.30 A.M. – 1.30 P.M.

INSTRUCTIONS:

- Answer questions ONE and any other two questions in section B

SECTION A

Question one

- (a) Explain four broad objectives of research (4 marks)
- (b) Elaborate five key reasons why people conduct scientific research (5 marks)
- (c) With practical example, state the importance of conducting scientific research (6 marks)
- (d) State five characteristics of scientific research (5 marks)
- (e) State five methods of collecting primary data in scientific research (5 marks)
- (f) Discuss five advantages of using interviews in data collection during scientific research

(5

marks)

SECTION B

Question two

- (a) With relevant examples, discuss four different types of research (10 marks)
- (b) With practical example, explain the advantages of using questionnaire as a data collecting tool in scientific research (6 marks)

- (c) Discuss factors to consider when evaluating data from the website to determine its credibility for use in scientific research. (4 marks)

Question three

- (a) Research process consists of series of actions or steps necessary to effectively carry out research and the desired sequencing of these steps. Discuss the research process)

10

marks)

- (b) Using critical examples, discuss five different sampling designs used in scientific research (10 marks)

Question four

- (a) Discuss the criteria of determining a good scientific research (7 marks)
- (b) Explain different ways of testing reliability and accuracy of data from the website before its use in scientific research (7 marks)
- (c) Explain guidelines for constructing an appropriate questionnaire (6 marks)

Question five

- (a) Using practical examples, discuss any five research designs (10 marks)
- (b) Explain items contained in a research plan (5 marks)
- (c) Discuss factors that led to systematic bias in selecting a sampling procedures (5 marks)

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