



KISII UNIVERSITY

UNIVERSITY EXAMINATIONS

SPECIAL EXAMINATION

**THIRD YEAR EXAMINATION FOR THE AWARD OF
DEGREE IN BACHELOR OF ACTUARIAL SCIENCE**

SECOND SEMESTER 2021/2022

(JULY, 2022)

BACS 306: STOCHASTIC PROCESSES FOR ACTUARIAL SCIENCE

STREAM: Y3 S2

TIME: 2 HOURS

DAY: WEDNESDAY, 8.00 AM – 10.00 AM

DATE: 20/07/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.*
- 2. Answer Question ONE (Compulsory) and any other TWO Questions*

MATH 404



SPECIAL EXAMINATION
FOURTH YEAR EXAMINATION FOR THE AWARD OF DEGREE OF
BACHELOR OF SCIENCE IN MATHEMATICS AND COMPUTER SCIENCE
SECOND SEMESTER 2021/2022
(JULY, 2022)

MATH 404: MATHEMATICAL LOGIC

STREAM: Y4 S2

TIME: 2 HOURS

DAY: WEDNESDAY, 11.30 AM – 1.30 PM

DATE: 20/07/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Answer Question ONE (Compulsory) and any other TWO Questions***

STAT 344/MATH 444



UNIVERSITY EXAMINATIONS

SPECIAL EXAMINATION

**THIRD YEAR EXAMINATION FOR THE AWARD OF DEGREE OF
BACHELOR OF SCIENCE IN MATHEMATICS AND COMPUTER SCIENCE**

SECOND SEMESTER 2021/2022

(JULY, 2022)

STAT 344/MATH 444 THEORY OF ESTIMATION

STREAM: Y3 S2

TIME: 2 HOURS


DAY: WEDNESDAY, 11.30 AM – 1.30 PM

DATE: 20/07/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Answer Question ONE (Compulsory) and any other TWO Questions***

BACS 412

KISII  UNIVERSITY
UNIVERSITY EXAMINATIONS
SPECIAL EXAMINATION
FOURTH YEAR EXAMINATION FOR THE AWARD OF
DEGREE IN BACHELOR OF ACTUARIAL SCIENCE
SECOND SEMESTER 2021/2022
(JULY, 2022)

BACS 412: RISK MATHEMATICS

STREAM: Y4 S2

TIME: 2 HOURS

DAY: WEDNESDAY, 3.00 PM – 5.00 PM

DATE: 20/07/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Answer Question ONE (Compulsory) and any other TWO Questions***

MATH 102



UNIVERSITY EXAMINATIONS
SPECIAL EXAMINATION
FIRST YEAR EXAMINATION FOR THE AWARD OF
DEGREE IN BACHELOR OF SCIENCE IN MATHEMATICS & COMPUTING
SECOND SEMESTER 2021/2022
(JULY, 2022)

MATH 102: DISCRETE MATHEMATICS

STREAM: Y1 S2

TIME: 2 HOURS

DAY: MONDAY, 8.00 AM – 10.00 AM

DATE: 25/07/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Answer Question ONE (Compulsory) and any other TWO Questions.***

MATH 141

**KISII UNIVERSITY**
UNIVERSITY EXAMINATIONS
SPECIAL EXAMINATION
FIRST YEAR EXAMINATION FOR THE AWARD OF
DEGREE IN BACHELOR OF SCIENCE EDUCATION
SECOND SEMESTER 2021/2022
(JULY, 2022)

MATH 141: INTRODUCTION TO STATISTICS

STREAM: Y1 S2

TIME: 2 HOURS

DAY: WEDNESDAY, 3.00 PM –5.00 PM

DATE: 20/07/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Answer Question ONE (Compulsory) and any other TWO Questions.***

STAT 102



UNIVERSITY EXAMINATIONS
SPECIAL EXAMINATION
FIRST YEAR EXAMINATION FOR THE AWARD OF
DEGREE IN BACHELOR OF SCIENCE APPLIED STATISTICS / BACHELOR
OF MATHEMATICS
SECOND SEMESTER 2021/2022
(JULY, 2022)

STAT 102: STATISTICS II

STREAM: Y1 S2

TIME: 2 HOURS

DAY: THURSDAY, 8.00 AM –10.00 AM

DATE: 28/07/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Answer Question ONE (Compulsory) and any other TWO Questions.***

BACS 120

**KISII UNIVERSITY**
UNIVERSITY EXAMINATIONS
SPECIAL EXAMINATION
FIRST YEAR EXAMINATION FOR THE AWARD OF
DEGREE IN BACHELOR OF ACTUARIAL SCIENCE
SECOND SEMESTER 2021/2022
(JULY, 2022)

BACS 120: ELEMENT OF RISK AND INSURANCE

STREAM: Y1 S2

TIME: 2 HOURS

DAY: THURSDAY, 11.30 AM – 1.30 PM

DATE: 21/07/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Answer Question ONE (Compulsory) and any other TWO Questions***

MATH 222



KISII UNIVERSITY

UNIVERSITY EXAMINATIONS

SPECIAL EXAMINATION

**SECOND YEAR EXAMINATION FOR THE AWARD OF DEGREE OF
BACHELOR OF SCIENCE (STATISTIC, MATHEMATICS**

FIRST SEMESTER 2021/2022

(JULY, 2022)

MATH 222: ALGEBRAIC STRUCTURES

STREAM: Y2 S2

TIME: 2 HOURS

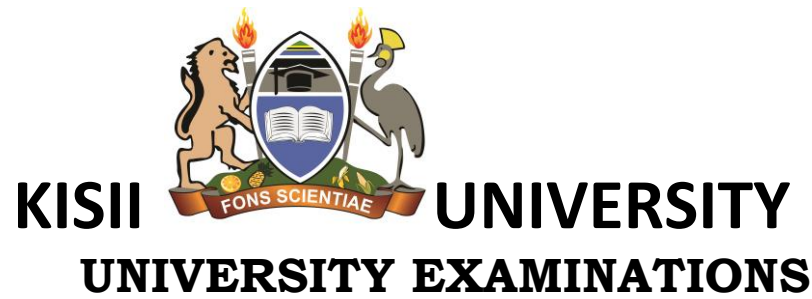
DAY: THURSDAY, 3.00 PM – 5.00 PM

DATE: 28/07/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Answer question ONE (Compulsory) and any other TWO Questions***

MATH 211



SPECIAL EXAMINATION
SECOND YEAR EXAMINATION FOR THE AWARD OF DEGREE OF
BACHELOR OF EDUCATION SCIENCE
FIRST SEMESTER 2021/2022
(JULY, 2022)

MATHS 211: CALCULUS II

STREAM: Y2 S1

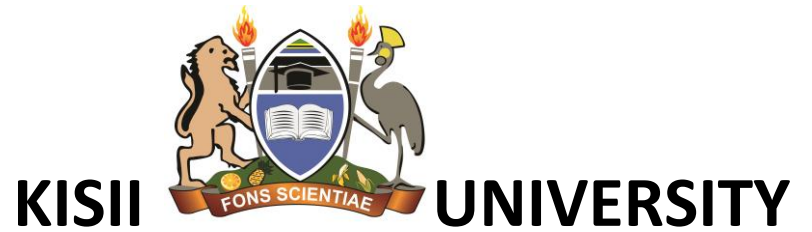
TIME: 2 HOURS

DAY: THURSDAY, 11.30 AM – 1.30 PM

DATE: 21/07/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Answer question ONE (Compulsory) and any other TWO Questions***



UNIVERSITY EXAMINATIONS
SPECIAL EXAMINATION
SECOND YEAR EXAMINATION FOR THE AWARD OF THE
DEGREE OF BACHELOR OF ACTUARIAL SCIENCE
FIRST SEMESTER 2021/2022
(JULY, 2022)

BBAM 272: OPERATION RESEARCH I

STREAM: Y2 S1

TIME: 2 HOURS

DAY: THURSDAY, 3.00 PM – 5.00 PM

DATE: 21/07/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Answer Question ONE (Compulsory) and any other TWO Questions***

BACS 212



KISII UNIVERSITY

**UNIVERSITY EXAMINATIONS
SPECIAL EXAMINATION
SECOND YEAR EXAMINATION FOR THE AWARD OF THE
DEGREE OF BACHELOR OF ACTUARIAL SCIENCE
FIRST SEMESTER 2021/2022
(JULY, 2022)**

BACS 212: ACTUARIAL MATHEMATICS 1

STREAM: Y2 S2

TIME: 2 HOURS

DAY: WEDNESDAY, 11.300 AM – 1.30 PM

DATE: 27/07/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Answer all Questions in section A (Compulsory) and any other TWO Questions in section B.***



KISII UNIVERSITY

UNIVERSITY EXAMINATIONS

SPECIAL EXAMINATION

SECOND YEAR EXAMINATION FOR THE AWARD OF DEGREE OF
BACHELOR OF SCIENCE MATHEMATICS /BACHELOR OF SCIENCE IN
APPLIED STATISTICS

FIRST SEMESTER 2021/2022

(JULY, 2022)

STAT 221: STATISTICAL QUALITY

STREAM: Y2 S1

TIME: 2 HOURS

DAY: MONDAY, 8.00 AM – 10.00 AM

DATE: 25/07/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.*
- 2. Answer question ONE (compulsory) and any other TWO questions*



KISII UNIVERSITY
UNIVERSITY EXAMINATIONS
SPECIAL EXAMINATION
SECOND YEAR EXAMINATION FOR THE AWARD OF DEGREE OF
BACHELOR OF SCIENCE MATHEMATICS /BACHELOR OF SCIENCE
APPLIED MATHEMATICS
FIRST SEMESTER 2021/2022
(JULY, 2022)

STAT 210: STATISTICAL DATA MANAGEMENT AND ANALYSIS

STREAM: Y2 S1

TIME: 2 HOURS

DAY: WEDNESDAY, 11.30 AM – 1.30 AM

DATE: 27/07/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Answer question ONE (compulsory) and any other TWO questions***

STAT 212



UNIVERSITY EXAMINATIONS

SPECIAL EXAMINATION

**SECOND YEAR EXAMINATION FOR THE AWARD OF DEGREE OF
BACHELOR OF SCIENCE MATHEMATICS /BACHELOR OF SCIENCE**

APPLIED STATISTICS

FIRST SEMESTER 2021/2022

(JULY, 2022)

STAT 212: INTRODUCTION TO ECONOMETRICS

STREAM: Y2 S1

TIME: 2 HOURS

DAY: WEDNESDAY, 3.00 PM – 5.00 PM

DATE: 27/07/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Answer question ONE (compulsory) and any other THREE questions.***

BACS 301



KISII UNIVERSITY

UNIVERSITY EXAMINATIONS

SPECIAL EXAMINATION

THIRD YEAR EXAMINATION FOR THE AWARD OF DEGREE OF

BACHELOR OF SCIENCE ACTURIAL SCIENCE

SECOND SEMESTER 2021/2022

(JULY, 2022)

BACS 301: RISK THEORY FOR ACTURIAL SCIENCE

STREAM: Y3 S2

TIME: 2 HOURS

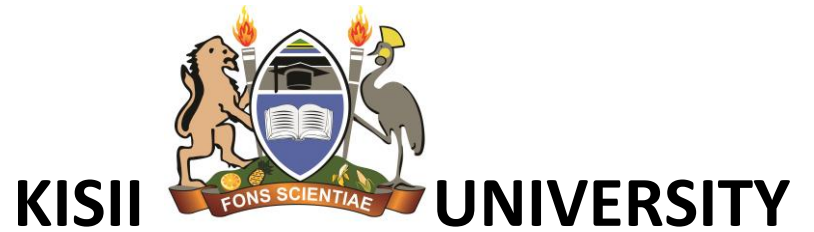
DAY: WEDNESDAY, 3.00 PM – 5.00 PM

DATE: 27/07/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Answer Question ONE (Compulsory) and any other TWO Questions***

BACS 300



UNIVERSITY EXAMINATIONS
SPECIAL EXAMINATION
THIRD YEAR EXAMINATION FOR THE AWARD OF DEGREE OF
BACHELOR OF SCIENCE ACTUARIAL SCIENCE
SECOND SEMESTER 2021/2022
(JULY, 2022)

BACS 300: ENTREPRENEURIAL SKILLS

STREAM: Y3 S2

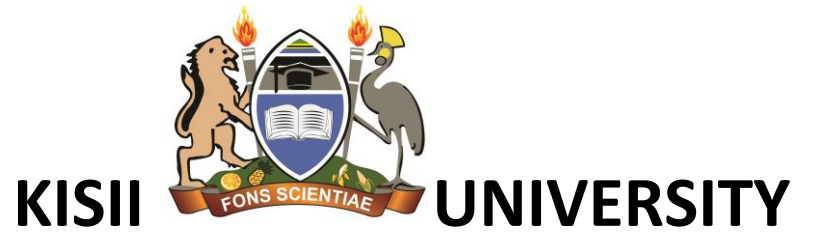
TIME: 2 HOURS

DAY: FRIDAY, 8.00 AM – 10.00 AM

DATE: 22/07/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Answer Question ONE (Compulsory) and any other TWO Questions***



UNIVERSITY EXAMINATIONS
SPECIAL EXAMINATION
THIRD YEAR EXAMINATION FOR THE AWARD OF DEGREE OF
BACHELOR OF SCIENCE MATHEMATICS AND COMPUTING
FIRST SEMESTER 2021/2022
(JULY, 2022)

COMP 313: COMPUTING 1

STREAM: Y3 S1

TIME: 2 HOURS

DAY: FIRDAY, 11.30 AM – 1.30 PM

DATE: 22/07/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Answer Question ONE (Compulsory) and any other TWO Questions***



KISII UNIVERSITY

UNIVERSITY EXAMINATIONS

SPECIAL EXAMINATION

**THIRD YEAR EXAMINATION FOR THE AWARD OF DEGREE OF
BACHELOR OF SCIENCE MATHEMATICS /BACHELOR OF SCIENCE**

APPLIED STATISTICS

FIRST SEMESTER 2021/2022

(JULY, 2022)

STAT 344: ESTIMATION THEORY

STREAM: Y3 S1

TIME: 2 HOURS

DAY: WEDNESDAY, 8.00 AM – 10.00 AM

DATE: 20/07/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Answer Question ONE (Compulsory) and any other TWO Questions.***



UNIVERSITY EXAMINATIONS

SPECIAL EXAMINATION

**THIRD YEAR EXAMINATION FOR THE AWARD OF DEGREE OF
BACHELOR OF SCIENCE MATHEMATICS /BACHELOR OF MATHEMATICS**

COMPUTING

FIRST SEMESTER 2021/2022

(JULY, 2022)

MATH 311: GROUP THEORY

STREAM: Y3 S1

TIME: 2 HOURS

DAY: WEDNESDAY, 3.00 PM – 5.00 PM

DATE: 27/07/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Answer Question ONE (Compulsory) and any other TWO Questions.***

MATH 313



KISII UNIVERSITY

UNIVERSITY EXAMINATIONS

SPECIAL EXAMINATION

**THIRD YEAR EXAMINATION FOR THE AWARD OF DEGREE OF
BACHELOR OF SCIENCE MATHEMATICS / BACHELOR OF EDUCATION**

SCIENCE AND ARTS

FIRST SEMESTER 2021/2022

(JULY, 2022)

MATH 311: REAL ANALYSIS II

STREAM: Y3 S1

TIME: 2 HOURS

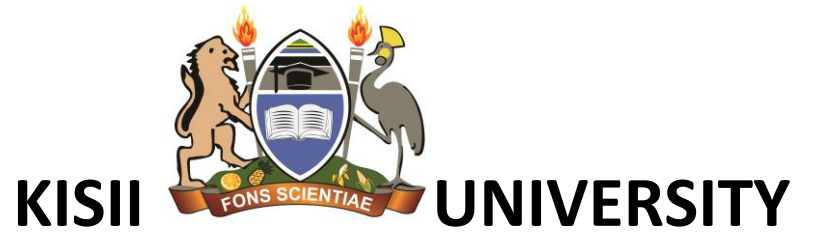
DAY: FRIDAY, 11.30 AM – 1.30 PM

DATE: 22/07/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Answer Question ONE (Compulsory) and any other TWO Questions.***

BACS 421



UNIVERSITY EXAMINATIONS
SPECIAL EXAMINATION
FOURTH YEAR EXAMINATION FOR THE AWARD OF DEGREE OF
BACHELOR OF SCIENCE ACTUARIAL SCIENCE
SECOND SEMESTER 2021/2022
(JULY, 2022)

BACS 421: LIFE CONTINGENCIES I

STREAM: Y4 S2


TIME: 2 HOURS

DAY: THURSDAY, 8.00 AM – 10.00 AM

DATE: 21/07/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Answer Question ONE (Compulsory) and any other TWO Questions***



KISII UNIVERSITY
UNIVERSITY EXAMINATIONS
SPECIAL EXAMINATION

FOURTH YEAR EXAMINATION FOR THE AWARD OF DEGREE OF
BACHELOR OF SCIENCE MATHEMATICS /BACHELOR OF SCIENCE
STATISTICS
SECOND SEMESTER 2021/2022
(JULY, 2022)

STAT 449: DESIGN AND ANALYSIS OF EXPERIMENT II

STREAM: Y4 S2

TIME: 2 HOURS

DAY: THURSDAY, 3.00 PM – 5.00 PM

DATE: 21/07/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Answer Question ONE (Compulsory) and any other TWO Questions***

STAT 440



UNIVERSITY EXAMINATIONS

SPECIAL EXAMINATION

**FOURTH YEAR EXAMINATION FOR THE AWARD OF DEGREE OF
BACHELOR OF SCIENCE MATHEMATICS /BACHELOR OF SCIENCE**

STATISTICS

SECOND SEMESTER 2021/2022

(JULY, 2022)

STAT 440: APPLIED PROBABILITY THEORY

STREAM: Y4 S2

TIME: 2 HOURS

DAY: THURSDAY, 11.30 AM – 1.30 PM

DATE: 21/07/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Answer Question ONE (Compulsory) and any other TWO Questions***



KISII UNIVERSITY

UNIVERSITY EXAMINATIONS

SPECIAL EXAMINATION

**FIRST YEAR EXAMINATION FOR THE AWARD OF
DEGREE IN BACHELOR OF SCIENCE APPLIED STATISTICS /BACHELOR
OF MATHEMATICS**

SECOND SEMESTER 2021/2022

(JULY, 2022)

STAT 441: STOCHASTIC PROCESS

STREAM: Y4 S2

TIME: 2 HOURS


DAY: TUESDAY, 11.30 AM -1.30 PM

DATE: 26/07/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Answer Question ONE (Compulsory) and any other TWO Questions.***

STAT 451



KISII UNIVERSITY
UNIVERSITY EXAMINATIONS

SPECIAL EXAMINATION
FOURTH YEAR EXAMINATION FOR THE AWARD OF DEGREE OF
BACHELOR OF SCIENCE MATHEMATICS / BACHELOR OF SCIENCE
APPLIED STATISTICS
FIRST SEMESTER 2021/2022
(JULY, 2022)

STAT 451: OPERATIONAL RESEARCH III

STREAM: Y4 S2

TIME: 2 HOURS

DAY: WEDNESDAY, 11.30 AM – 1.30 AM

DATE: 27/07/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Answer Question ONE (Compulsory) and any other TWO Questions***



UNIVERSITY EXAMINATIONS

SPECIAL EXAMINATION

**FOURTH YEAR EXAMINATION FOR THE AWARD OF DEGREE OF
BACHELOR OF SCIENCE MATHEMATICS /BACHELOR OF SCIENCE
MATHEMATICS & COMPUTING/BIOMETRIC
FIRST SEMESTER 2021/2022
(JULY, 2022)**

STAT 411: FUNCTIONAL ANALYSIS

STREAM: Y4 S2

TIME: 2 HOURS

DAY: WEDNESDAY, 8.00 AM – 10.00 AM

DATE: 27/07/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Answer Question ONE (Compulsory) and any other TWO Questions***

BACS 403



KISII UNIVERSITY

UNIVERSITY EXAMINATIONS

SPECIAL EXAMINATION

FOURTH YEAR EXAMINATION FOR THE AWARD OF DEGREE OF

BACHELOR OF SCIENCE ACTURIAL SCIENCE

FIRST SEMESTER 2021/2022

(JULY, 2022)

BACS 403: CONTEMPORARY ISSUES IN ACTURIAL SCIENCE

STREAM: Y4 S2

TIME: 2 HOURS

DAY: WEDNESDAY, 8.00 AM – 10.00 AM

DATE: 27/07/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Answer Section A (Compulsory) and any other TWO Questions in Section B.***

STAT 442



UNIVERSITY EXAMINATIONS
SPECIAL EXAMINATION
FOURTH YEAR EXAMINATION FOR THE AWARD OF DEGREE OF
BACHELOR OF SCIENCE MATHEMATICS/BACHELOR OF SCIENCE
APPLIED STATISTICS
FIRST SEMESTER 2021/2022
(JULY, 2022)

STAT 442: DESIGN AND ANALYSIS OF EXPERIMENT

STREAM: Y4 S2

TIME: 2 HOURS

DAY: THURSDAY, 3.00 PM – 5.00 PM

DATE: 28/07/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Question ONE (Compulsory) and any other TWO Questions in Section B.***