



Faculty of Computers & Artificial Intelligence
2st Term (2019-2020) Final Exam
Class: General Year: 1st level
Course Code: BS111
Course name: Probability and Statistics



Benha University
Final Date: 7 / 6 /2020
Total Marks: Pass / Fail
Examiner(s): Dr. Ahmed Hagag

Research submission: From 31 May to 7 June 2020

a) Probability and statistics everywhere. Write a research explaining the importance of probability and statistics in ONE of the following topics:

Topic No. 1

Weather Forecasting

Topic No. 2

Simulation

Topic No. 3

Gaming

Topic No. 4

Medical Application

Topic No. 5

Sports

Topic No. 6

Space Science

b) Notes: please, your research must contain the following elements:

- An example of the continuous or discrete random variable.
- Calculate the mean and variance of this random variable.
- An example of the joint probability distribution.
- An example of a standard distribution.

GOOD LUCK,

Examiner

Dr. Ahmed Hagag

Head of Department

Prof. Dr. Mazen Selim