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**GARISSA UNIVERSITY**

**UNIVERSITY EXAMINATION 2018/2019 ACADEMIC YEAR TWO**

**SECOND SEMESTER EXAMINATION**

**SCHOOL OF INFORMATION SCIENCE AND TECHNOLOGY**

**FOR THE DEGREE OF BACHELOR OF INFORMATION SCIENCE**

**COURSE CODE: INS 205**

**COURSE TITLE: DIGITAL PRINT PRODUCTION**

**EXAMINATION DURATION: 2 HOURS**

**DATE: 03/02/2020 TIME: 2.00-4.00 PM**

**INSTRUCTION TO CANDIDATES**

* **The examination has FIVE (5) questions**
* **Question ONE (1) is COMPULSORY**
* **Choose any other TWO (2) questions from the remaining FOUR (4) questions**
* **Use sketch diagrams to illustrate your answer whenever necessary**
* **Do not carry mobile phones or any other written materials in examination room**
* **Do not write on this paper**

**This paper consists of TWO (2) printed pages *please turn over***

**QUESTION ONE (COMPULSORY)**

1. You recently joined a youth group interested in a printing investment. Please describe the steps you would follow in printing a simple image such as a rectangle on a T-shirt using the screen technology before releasing it into the market **[15 marks]**
2. Using dots of the different colors used in color printing, illustrate halftone separation concept as applied in color printing **[15 marks]**

**QUESTION TWO**

Illustrate and explain how the Single Jet printer system works **[20 marks]**

**QUESTION THREE**

You have been employed in a large printing firm and the management has asked you to propose a digital camera that can be used for their professional work. Discuss the names and features of two alternative types of camera you would propose to them and emphasize the features that make them suitable for the purpose  **[20 marks]**

**QUESTION FOUR**

Proofing forms an important part of printing work. Please discuss the properties of a good dot for dot proof **[20 marks]**

**QUESTION FIVE**

In the printing industry, standardization helps to ensure that printing jobs attain quality specifications defined by clients. Please discuss the benefits of working with ISO standards in print production **[20 marks]**