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**GARISSA UNIVERSITY**

**UNIVERSITY EXAMINATION 2020/2021 ACADEMIC YEAR FOUR**

**SECOND SEMESTER EXAMINATION**

**SCHOOL OF ARTS AND SOCIAL SCIENCES**

**FOR THE DEGREE OF BACHELOR OF ARTS IN POLITICAL SCIENCE AND PUBLIC ADMINISTRATION**

**COURSE CODE: BAS 402**

**COURSE TITLE: HISTORY OF SCIENCE**

**EXAMINATION DURATION: 2 HOURS**

**DATE: 19/08/2021 TIME: 3.00-5.00 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. Describe the contribution of any **three** (3) Christian clergies to the development of early science. (6 marks)
2. Elucidate ancient science of medicine in Egypt. (6 marks)
3. Explain the contribution of Aristotle to the development of science. (4 marks)
4. Discuss the **three** (3) main branches of science. (6 marks)
5. Highlight the contribution of any **two** (2) scientists to the history and development of chemistry. (4 marks)
6. Describe **two** (2) possible reasons that made Greeks to contribute immensely to the ancient science. (4 marks)

**QUESTION TWO**

Supporting your answer with relevant examples, assess the contribution of Islam to history and development of science before industrial revolution. (20 marks)

**QUESTION THREE**

1. Discuss the history of solar system based on Geocentric and Heliocentric Theory. (10 marks)
2. Briefly highlight the contributions of **four** scientists to the development of physics as a science subject. (10 marks)

**QUESTION FOUR**

1. Discuss any **two** approaches of science. (10 marks)
2. Discuss the challenges that faced the development of science during the “dark age” period. (10 marks)

**QUESTION FIVE**

1. Discuss the history and development of Biology as a science subject. (10 marks)
2. Assess the contribution of Democritus in the development of science. (10 marks)