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**GARISSA UNIVERSITY**

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

**SECOND SEMESTER EXAMINATION**

**SCHOOL OF BIOLOGICAL AND PHYSICAL SCIENCES**

**FOR THE DEGREE OF BACHELOR OF EDUCATION**

**COURSE CODE: COM 330**

**COURSE TITLE: INTERMEDIATE HTML**

**EXAMINATION DURATION: 2 HOURS**

**DATE: 12/02/2020 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. Describe the functionality of each of the following concepts as used on the internet
   1. Cookies
   2. Indexing
   3. VPN **[6 marks]**
2. Describe three different types of PHP arrays **[6 marks]**
3. Explain the functions of the following Form tag attributes and their possible values **[3 marks]**
4. Action
5. Method
6. Enctype
7. Discuss the following web creation Technologies and Tools giving relevant examples.
8. Markup Languages **[3 marks]**
9. Cascading Style Sheets (CSS) **[3 marks]**
10. Scripting languages **[3 marks]**
11. Web creation and editing software **[3 marks]**
12. Differentiate between the terms require() and include() functions in PHP **[5 marks]**

**QUESTION TWO**

1. You are employed as an ICT Officer in a newly established company. Your first task is to create a web site in orders to establish a web presence for your new employer. Discuss the steps that you will take in designing a website. **[10 marks]**
2. Define arrays and explain how arrays are declared and assigned values in PHP **[10 marks]**

**QUESTION THREE**

1. Discuss any five built in functions in of PHP **[10 marks]**
2. Define the term events and explain any four PHP events **[10 marks]**

**QUESTION FOUR**

1. Describe the difference between session and cookie **[5 marks]**
2. What is the difference between PHP and JavaScript? **[4 marks]**
3. With example explain how a script is embedded on a html code **[6 marks]**
4. Discuss sessions in PHP **[5 marks]**

**QUESTION FIVE**

1. Discuss how PHP can be linked to a database **[10 marks]**
2. Define apache and explain its functions in creating dynamic web documents **[5 marks]**
3. What is the difference between include(), include\_once() and require\_once() in PHP **[5 marks]**