

**UNIVERSITY OF ESWATINI**  
**FACULTY OF HUMANITIES**  
**DEPARTMENT OF JOURNALISM AND MASS COMMUNICATION**  
**2019/2020 EXAMINATION QUESTION PAPER: MAIN**

**TITLE OF PAPER: DATA JOURNALISM**  
**COURSE CODE: JMC 430**  
**TIME ALLOWED: 3 HOURS**

**INSTRUCTIONS:**

Answer any **THREE** questions.

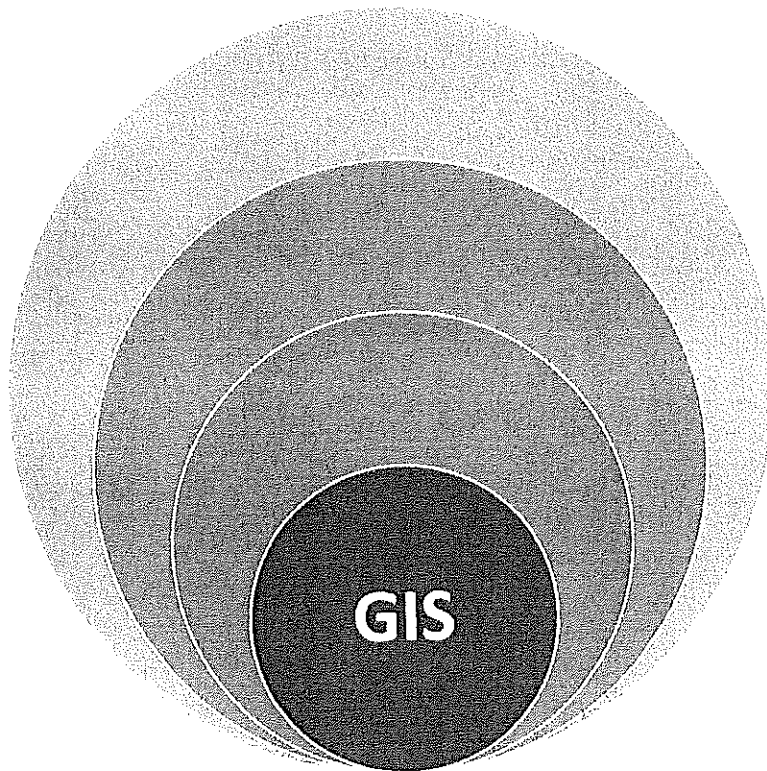
Spelling and grammar will count in grading.

Use your own examples to illustrate your answer(s).

**THIS PAPER IS NOT TO BE OPENED UNTIL PERMISSION HAS BEEN  
GRANTED BY THE INVIGILATOR**

## QUESTION 1

- a) What does GIS stand for? (1 Mark)
- b) Explain the significance of using GIS in journalism. (3 Marks)
- c) Give three examples of applications of a GIS. (3 Marks)
- d) Explain five components of a GIS. (10 Marks)
- e) Complete the following diagram. (3 Marks)



## QUESTION 2

- a) Describe the concept of Data Journalism.
- b) Explain the significance of data journalism in this age and era.
- c) Compare and contrast data for humans and data for computers. Illustrate your answer with examples.
- d) Data literacy is a new language and we all have to be fluent in it. Discuss, aiding your answer with examples.
- e) Name any five types of data, and giving examples for each type. (20 marks)

### QUESTION 3

- a) What is a spread sheet? **(2 Marks)**
  
- b) Name any five (5) spread sheets. **(5 Marks)**
  
- c) Steve Doig states that Microsoft Excel is a powerful tool useful for journalists. Discuss, giving examples to support your answer. **(8 Marks)**
  
- d) Draw an illustration of a Range. **(2 Marks)**
  
- e) Explain three common uses of spread sheets. **(3 Marks)**

### QUESTION 4

Discuss if there are distinctions, if any, among the following: Precision journalism, Computer-assisted reporting, Data journalism and Investigative journalism. Illustrate your answer with examples.

**(20 Marks)**

### QUESTION 5

Last Moyo (2019, p. 23) argues that “data journalism does not epitomize the end of critical and analytical reporting in the journalism profession. Instead, it has sharpened issue-oriented investigative reporting because of its ability to distil big numbers and provide insight into a bricolage of things that are of public interest.” Write a summary of Moyo’s article.

**(20 Marks)**

### QUESTION 6

Discuss the challenges of data journalism in the Kingdom of Eswatini, illustrating your answer with examples.

**(20 Marks)**