

**UNIVERSITY OF ESWATINI**  
**FACULTY OF HUMANITIES**  
**DEPARTMENT OF JOURNALISM AND MASS COMMUNICATION**  
**2020/2021 EXAMINATION QUESTION PAPER: RESIT**

**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**

Data literacy is characterised in terms of a combination of numerical, statistical and technical capacities. Discuss this statement giving examples to support your answer.

**(20 Marks)**

### **QUESTION 2**

Describe any ten challenges for critical data practice.

**(20 Marks)**

### **QUESTION 3**

Discuss any five areas where open data, especially government data is creating value. Illustrate your answer with examples.

**(20 Marks)**

### **QUESTION 4**

There is a school of thought that open data is creating value in a number of areas listed below. Discuss any five areas (from the list below) where open data is creating value giving examples to support your answer.

**(20 Marks)**

### **QUESTION 5**

Write a critique of the Access to Information Bill of 2011.

**(20 Marks)**

### **QUESTION 6**

Discuss how the ethical issues listed below are critical in data journalism. Suggest practical ways of ensuring that data journalists do not breach their ethical code, giving examples to illustrate your answer.

- a) Accuracy
- b) Balance
- c) Invasion of Privacy
- d) Harm

## QUESTION 6

What does GIS stand for?

(1 Mark)

Explain the significance of using GIS in journalism.

(3 Marks)

Give three examples of applications of a GIS.

(3 Marks)

Explain five components of a GIS.

(10 Marks)

Complete the following diagram.

(3 Marks)

