



**EAST AFRICAN SCHOOL OF AVIATION**

**AIS No. 36**

**CAT**

**SUBJECT: AVIATION GEOGRAPHY**

**STREAM: BASIC AIS COURSE No. 36**

**Duration: 1½ Hrs**

**DATE: 05/05/2017**

**TIME 8.30 – 10.00 AM**

**INSTRUCTION TO CANDIDATES**

1. This paper consists of **TWO (2)** Pages
2. Attempt all questions
3. Read and understand all questions before attempting

- Q1.** Define the following terms:
- a) A.T.S Route
  - b) Control Area (CTA)
  - c) Flight Information Region (FIR) **(6 marks)**
- Q2.** Name the **four** factors taken into consideration when determining the need for the provision of Air Traffic Services. **(4 marks)**
- Q3.** List any **three** classes designating the ATS airspace **(3 marks)**
- Q4.** Which is the least lateral limit of a control zone measured from the centre of the aerodrome(s) in the direction from which approaches are made? **(3 marks)**
- Q5.** Which are the characters required to compose the basic designator of an ATS Route? **(3 marks)**
- Q6.** State the **two** factors taken into account when establishing the upper limit of a control area. **(4 marks)**
- Q7.** Indicate how the following letters should be spoken when used in voice communication. (i) S (ii) K **(2marks)**
- Q8.** State whether the following statements are **true** or **false**.
- a. An area control centre or flight information centre should be identified by name of a nearby town or city or geographical feature. **(1 marks)**
  - b. An aerodrome control tower or approach control office should be identified by name of a nearby town or city or geographical feature. **(1 marks)**
- Q9.** Name **one** Terminal Control Area (TMA) and any **two** Control zones established within the Nairobi FIR. **(3 marks)**