

**NAMANOGA SECONDARY SCHOOL**

**END OF TERM 1 EXAMINATIONS**

**SENIOR THREE**

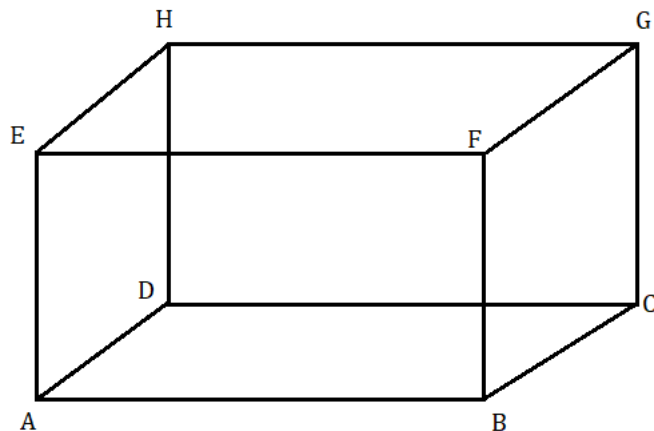
**MATHEMATICS PAPER**

**Time : 1hour 30 minutes**

**INSTRUCTIONS**

**Answer all questions**

1. Mugabi wants to make cakes for the students to eat as accompaniments during break time, the cost of making each cake is  $(c + 500)$  if he wants to make  $c$  cakes and he doesn't want to make any loss but the cost of the raw materials is 60,000/= Find the value of  $c$
2. In an attempt to comply with government's guidelines of washing hands regularly with soap to manage corona virus, an Organisation wants to provide tanks to your community Support



Each support frame should be 3m long, 2m wide and 1m high

If the fabricator wants to manufacture the tank, with diagonals AC, BH, AC and BD help advise him on the lengths he should use

3. Mukisa is a senior two student and he needs a personal revision timetable suitable for 10 subjects.
  - (a) Help mukisa to make a timetable
  - (b) Find the total number of lessons per week in that timetable
  - (c) Find the total time that he will spend in class per day in
    - (i) Hours
    - (ii) minutes

**END**

