
**KENYA NATIONAL EXAMINATION COUNCIL
REVISION MOCK EXAMS 2016
TOP NATIONAL SCHOOLS**

**KAPSABET BOYS HIGH SCHOOL
COMPUTER STUDIES
PAPER 1**

SCHOOLS NET KENYA
Osiligi House, Opposite KCB, Ground Floor
Off Magadi Road, Ongata Rongai | Tel: 0711 88 22 27
E-mail: infosnkenya@gmail.com | Website: www.schoolsnetkenya.co

KAPSABET BOYS KCSE TRIAL AND PRACTICE EXAM 2016

451/1

COMPUTER STUDIES

Paper 1

(THEORY)

Time 2 ½ HOURS

SECTION A: (Answer ALL questions in this section)

1. State **three** reasons why it is difficult to control, detect and prevent computer crimes. (3mks)
2. Explain the difference between ring and star network topology. (3mks)
3. State three factors that have led to slow growth of e-learning in Kenyan schools. (3mks)
4. a) What is virtual Reality? (1mk)
b) State two sensory devices used in virtual reality. (2mks)
5. Describe the meaning of the following terms as use in ICT. (3mks)
 - i) Protocol
 - ii) Gateway
 - iii) Band width
6. List down four features of user friendly program. (2mks)
7. Explain two reasons why computer uses binary numbers in data representation. (2mks)
8. List four types as courses in ICT offered at degree leven in Kenya. (2mks)
9. Different between sorting and filtering of data as used in spreadsheet. (2mks)
10. Distinguish between a system and an information system . (2mks)
11. Convert the following into binary
 - i) $76CD_{16}$ (2mks)
 - ii) 123_8 (2mks)
12. Distinguish between DRAM and SRAM memories. (2mks)
13. Outline the two types of twisted pain cables. (2mks)
14. a) State and explain one type of computer processing file. (2mks)
b) List three file organization methods. (3mks)
15. Mobile phones have becomes common ICT devices. List some of the powerful capabilities that come with some of the latest embedded operating systems in mobile phones. (3mks)