

1501/101 1503/101 1508/101

1601/101 1602/101 1704/101

**INFORMATION COMMUNICATION TECHNOLOGY
AND ENTREPRENEURSHIP EDUCATION**

June/July 2016

Time: 3 hours



THE KENYA NATIONAL EXAMINATIONS COUNCIL

**CRAFT CERTIFICATE IN MECHANICAL ENGINEERING
(PRODUCTION OPTION)**

CRAFT CERTIFICATE IN MOTOR VEHICLE ENGINEERING

CRAFT CERTIFICATE IN WELDING AND FABRICATION

**CRAFT CERTIFICATE IN ELECTRICAL & ELECTRONICS ENGINEERING
(POWER OPTION), (TELECOMMUNICATION OPTION)**

CRAFT CERTIFICATE IN BUILDING TECHNOLOGY

MODULE 1

**INFORMATION COMMUNICATION TECHNOLOGY
AND ENTREPRENEURSHIP EDUCATION**

3 hours

INSTRUCTIONS TO CANDIDATES

This paper consists of TWO sections; A and B.

Answer any SIX questions from section A, and any FOUR questions from section B in the answer booklet provided.

ALL questions carry equal marks.

Maximum marks for each part of a question are as indicated.

Candidates should answer the questions in English.

This paper consists of 4 printed pages.

Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.

SECTION A (60 marks)

INFORMATION COMMUNICATION TECHNOLOGY

Answer any SIX questions from this section.

1. (a) List **four** types of tabstops used in word processing. (4 marks)
- (b) Explain **three** methods of navigating during a slide show while using a presentation program. (6 marks)
2. (a) Highlight **two** keyboard keys used to erase text in a word document. (2 marks)
- (b) Explain each of the following terms as used in relation to data security:
 - (i) log files;
 - (ii) firewalls. (6 marks)
- (c) Differentiate between a formula and a function in a spreadsheet application (4 marks)
3. (a) State **four** characteristics of a freeware software. (4 marks)
- (b) List **four** desktop publishing packages. (4 marks)
- (c) State the **two** methods of paper orientation used when printing a document. (2 marks)
4. (a) Explain **three** parts of a fibre optic cable. (6 marks)
- (b) Explain **two** ways through which parents can prevent children from accessing inappropriate content from the internet. (4 marks)
5. (a) Indicate the classification for each of the following keyboard keys:
 - (i) F1, F2, F3, F4F12;
 - (ii) SHIFT, CTRL., ALT, ESC;
 - (iii) A, B, C2
 - (iv) Arrow keys, page up, page down. (4 marks)
- (b) State **six** threats to the security of computerised information in a business enterprise. (6 marks)

6. (a) State **three** types of non-impact printers. (3 marks)
- (b) Write the following internet-based acronyms in full:
- (i) TCP/IP;
- (ii) HTTP;
- (iii) ISP. (3 marks)
- (c) Differentiate between a multi-user and a single-user operating system. (4 marks)
7. (a) State **four** disadvantages of flash disks as storage devices. (4 marks)
- (b) Explain each of the following terms as used in databases:
- (i) index;
- (ii) entity;
- (iii) entity integrity. (6 marks)

SECTION B (40 marks)

ENTREPRENEURSHIP EDUCATION

Answer any FOUR questions from this section.

8. (a) Outline **four** reasons that may account for the slow growth of entrepreneurship in developing countries. (4 marks)
- (b) List **four** sources of finance for a sole proprietor. (2 marks)
- (c) State **four** benefits that an organisation may derive from outsourcing services. (4 marks)
9. (a) Salim has been considering quitting salaried employment for sometime. Outline **four** reasons that may be holding him back. (4 marks)
- (b) State **six** skills that an entrepreneur should possess. (3 marks)
- (c) Highlight **three** advantages of packaging products. (3 marks)

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Turn over

10. (a) Explain **two** cultural habits that may enhance entrepreneurial development in a country. (4 marks)
- (b) Outline **two** responsibilities of a business enterprise towards its competitors. (2 marks)
- (c) State **four** reasons that make it important for an entrepreneur to develop a business plan. (4 marks)
11. (a) State **four** advantages of keeping computerised records in a business enterprise. (4 marks)
- (b) Identify **four** techniques through which entrepreneurs may generate business ideas. (2 marks)
- (c) Explain **two** measures that an entrepreneur may take to build customer loyalty. (4 marks)
12. (a) Outline **four** features of a good business plan. (4 marks)
- (b) Explain **three** circumstances under which sole proprietorship may be most appropriate. (6 marks)
13. (a) State **four** costs that may be associated with high labour turnover in a business enterprise. (4 marks)
- (b) Explain **three** advantages of e-commerce to an entrepreneur. (6 marks)

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