



MACHAKOS UNIVERSITY

University Examinations for 2021/2022

SCHOOL OF ENGINEERING AND TECHNOLOGY

BUILDING AND CIVIL ENGINEERING DEPARTMENT

FIRST YEAR FIRST TERM EXAMINATION FOR

CERTIFICATE IN BUILDING TECHNOLOGY MODULE 1

1704/105 SITE & WORKSHOP MANAGEMENT

DATE: 2/12/2021

TIME: 8:30 – 11:30 AM

INSTRUCTIONS

ANSWER ALL THE FIVE QUESTIONS

1. (a) Explain the following terms in your own words;
(i) Site (ii) Workshop (iii) Management. (6 marks)
(b) State the four purposes of preliminary items. (4 marks)
(c) Identify any five site services with regard to preliminary items for works
(10 marks)
2. Discuss any five regulations relating to preliminary items of work. (20 marks)
3. (a) Explain the term preliminary items for works. (5 marks)
(b) Explain the terms SAFETY, COMMUNICATION and HEALTH with regard to preliminary items, giving two examples in each case. (15 marks)
4. (a) Outline four factors to be considered when selecting a workshop site (6 marks)
(b) Identify ANY four essential services for a workshop site. (4 marks)
(c) State five local authority's requirements to be met before a workshop becomes operational (10 marks)
5. (a) State three regulations governing workshop design, giving two examples in each case. (12 marks)
(b) Briefly explain ANY four planning considerations that would produce a good layout of a small workshop. (8 marks)