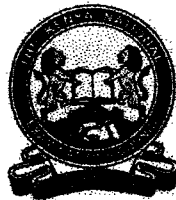


1522/206 MS
1602/206
TELECOMMUNICATIONS SYSTEMS AND
FAULT DIAGNOSIS (PRACTICAL)
June/July 2016
MARKING SCHEME



THE KENYA NATIONAL EXAMINATIONS COUNCIL
CRAFT CERTIFICATE IN ELECTRICAL AND ELECTRONIC
TECHNOLOGY
(TELECOMMUNICATION OPTION)

MODULE II

TELECOMMUNICATION SYSTEMS AND FAULT DIAGNOSIS
(PRACTICAL)

MARKING SCHEME
(CONFIDENTIAL)

CANDIDATE'S NAME: _____ ID NO. _____
INDEX NO. _____ CENTRE NO. _____
CENTRE NAME: _____ DATE: _____
TEST NO. _____ DAY _____ EXAMINER: _____

**THIS MARKING SCHEME IS THE PROPERTY OF THE KENYA NATIONAL
EXAMINATIONS COUNCIL AND MUST BE RETURNED TO THE KENYA
NATIONAL EXAMINATIONS COUNCIL AT THE END OF THE MARKING
EXERCISE.**

This marking scheme consists of 6 printed pages.

EX.	ASPECT OF PRACTICAL TO BE ASSESSED	MAXIMUM SCORE	SCORE AWARDED
1. (a) (i)	Bench Layout	1	
	Logical fault diagnosis	5	
	Identification of the fault	2	
	Locating the faulty component	2	
	Repair of the fault	2	
	Test to ascertain correct operation	2	
	Correct application of test equipment and tools	2	
	Observation of safety precautions	2	
	Quality of work	2	
(ii)	Bench Layout	1	
	Logical fault diagnosis	5	
	Identification of the fault	2	
	Locating the faulty component	2	
	Repair of the fault	2	
	Test to ascertain correct operation	2	
	Correct application of test equipment and tools	2	
	Observation of safety precautions	2	
	Quality of work	2	
(iii)	Bench Layout	1	
	Logical fault diagnosis	5	
	Identification of the fault	2	
	Locating the faulty component	2	
	Repair of the fault	2	
	Test to ascertain correct operation	2	
	Correct application of test equipment and tools	2	
	Observation of safety precautions	2	
	Quality of work	2	
Sub-Total		60	

EX.	ASPECT OF PRACTICAL TO BE ASSESSED	MAXIMUM SCORE	SCORE AWARDED
1. (b) (i)	Bench Layout	1	
	Logical fault diagnosis	5	
	Identification of the fault	2	
	Locating the faulty component	2	
	Repair of the fault	2	
	Test to ascertain correct operation	2	
	Correct application of test equipment and tools	2	
	Observation of safety precautions	2	
	Quality of work	2	
(ii)	Bench Layout	1	
	Logical fault diagnosis	5	
	Identification of the fault	2	
	Locating the faulty component	2	
	Repair of the fault	2	
	Test to ascertain correct operation	2	
	Correct application of test equipment and tools	2	
	Observation of safety precautions	2	
	Quality of work	2	
(iii)	Bench Layout	1	
	Logical fault diagnosis	5	
	Identification of the fault	2	
	Locating the faulty component	2	
	Repair of the fault	2	
	Test to ascertain correct operation	2	
	Correct application of test equipment and tools	2	
	Observation of safety precautions	2	
	Quality of work	2	
	Sub-Total	60	

EX.	ASPECT OF PRACTICAL TO BE ASSESSED	MAXIMUM SCORE	SCORE AWARDED
2. (a) (i)	Bench Layout	1	
	Logical fault diagnosis	5	
	Identification of the fault	2	
	Locating the faulty component	2	
	Repair of the fault	2	
	Test to ascertain correct operation	2	
	Correct application of test equipment and tools	2	
	Observation of safety precautions	2	
	Quality of work	2	
(ii)	Bench Layout	1	
	Logical fault diagnosis	5	
	Identification of the fault	2	
	Locating the faulty component	2	
	Repair of the fault	2	
	Test to ascertain correct operation	2	
	Correct application of test equipment and tools	2	
	Observation of safety precautions	2	
	Quality of work	2	
(iii)	Bench Layout	1	
	Logical fault diagnosis	5	
	Identification of the fault	2	
	Locating the faulty component	2	
	Repair of the fault	2	
	Test to ascertain correct operation	2	
	Correct application of test equipment and tools	2	
	Observation of safety precautions	2	
	Quality of work	2	
Sub-Total		60	

EX.	ASPECT OF PRACTICAL TO BE ASSESSED	MAXIMUM SCORE	SCORE AWARDED
2. (b) (i)	Bench Layout	1	
	Logical fault diagnosis	5	
	Identification of the fault	2	
	Locating the faulty component	2	
	Repair of the fault	2	
	Test to ascertain correct operation	2	
	Correct application of test equipment and tools	2	
	Observation of safety precautions	2	
	Quality of work	2	
(ii)	Bench Layout	1	
	Logical fault diagnosis	5	
	Identification of the fault	2	
	Locating the faulty component	2	
	Repair of the fault	2	
	Test to ascertain correct operation	2	
	Correct application of test equipment and tools	2	
	Observation of safety precautions	2	
	Quality of work	2	
(iii)	Bench Layout	1	
	Logical fault diagnosis	5	
	Identification of the fault	2	
	Locating the faulty component	2	
	Repair of the fault	2	
	Test to ascertain correct operation	2	
	Correct application of test equipment and tools	2	
	Observation of safety precautions	2	
	Quality of work	2	
	Sub-Total	60	
	GRAND TOTAL	240	

COMMENTS ON THE CANDIDATE'S WORK

DECLARATION

We the undersigned certify that this is a true assessment of the candidate's final work, carried out under our supervision.

EXAMINER

NAME: _____

SIGNATURE: _____

DATE: _____

PRINCIPAL

NAME: _____

SIGNATURE: _____

DATE: _____

OFFICIAL STAMP: