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:__________

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This marking scheme consists of 6 printed pages.

Turn over

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

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DECLARATION

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

EXAMINER	**PRINCIPAL**
NAME: _____	NAME: _____
SIGNATURE: _____	SIGNATURE: _____
DATE: _____	DATE: _____

OFFICIAL STAMP: