WORLD MISSION
HIGH SCHOOL

DECISION	

EXAM DETAILS		TRAINEE'S DETAILS	
Sector	ICT & MULTIMEDIA	Trainee's name	
Trade	NIT	Trainer's name	H. Love
Module code	NITIS301	Module title	IoT System Installation
Level	L3 NIT	Date	

1. A 100 W electric light bulb is connected to a 250 V supply. Determine (a) the current flowing in the bulb, and (b) the resistance of the bulb.

2. An electric kettle has a resistance of 30Ω. What current will flow when it is connected to a 240 V supply? Find also the power rating of the kettle.

3. A 12 V battery is connected across a load having a resistance of 40Ω. Determine the current flowing in the load, the power consumed, and the energy dissipated in 2 minutes.