

# NATIONAL SENIOR CERTIFICATE EXAMINATION NOVEMBER 2020

### **ELECTRICAL TECHNOLOGY: DIGITAL**

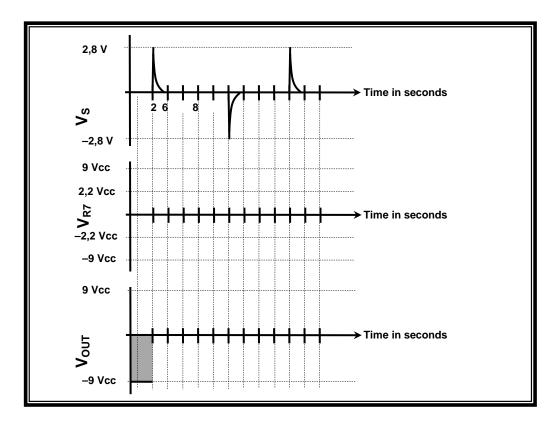
EXAMINATION NUMBER								
Time: 3 hours						200	) ma	rks

#### **ANSWER SHEET**

Attach this Answer Sheet as the last page to your Answer Book.

#### QUESTION 3 SWITCH AND CONTROL CIRCUITS

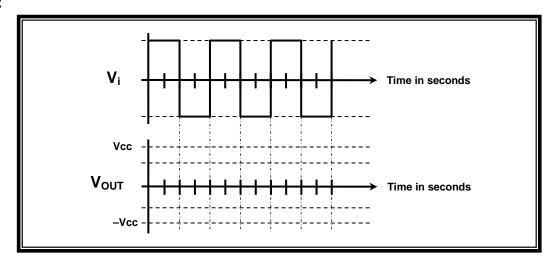
## 3.2.2 Complete your sketch in pen.



(5)

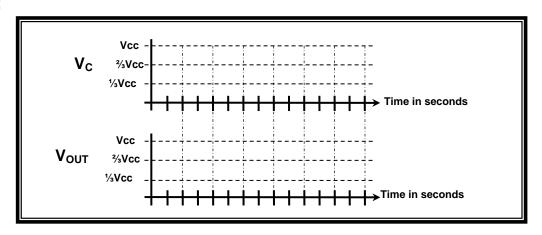
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3.5.2



(2)

3.7.2



(4)

## QUESTION 4 DIGITAL AND SEQUENTIAL DEVICES

## 4.5.1

AND	S	R	Q
0	0	0	Qn
0	0	1	Qn
0	1	0	Qn
0	1	1	
1	0	0	Qn
1	0	1	
1	1	0	
1	1	1	

(4)