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Centre:

Test Series: 05 MARCH 2005 SERIES I

Module: 346017 ENERGY AND ELECTRICITY

Candidate Number:

UCI:

Candidate Name:

OUESTION ONE

For completion by the Examination Invigilator. Please fill this oval if the candidate is absent:

FOUNDATION TIER

Instructions on how to complete this answer sheet are given on the question paper. Please make sure you follow them carefully.

turbine water

Questions ONE to FIVE: Choose one answer for each of the parts 1 to 4.

QUESTION ONE	- 1	4	3	4
conduction	0	0	0	
convection currents	0	0	0	0
loss of warm air	0	0	0	10
radiation	0	0	0	0
QUESTION THREE	1	2	3	4
coal	0	0	0	0
gas	0	0	0	0
uranium	0	0	0	0
wood	0	0	0	0
QUESTION FIVE	1	2	3	4
P	0	0	0	0
Q	0	0	0	0
R	.0	0	0	0

r	91	9	6	0
G	0	0	0	
Н	0	0	0	0
QUESTION FOUR	1	2	3	4
generator	0	0	0	0
steam	0	0	0	0

QUESTION TWO

S

Questions SIX and SEVEN: Choose two answers for each question.

QUESTION SIX

L M N

QUESTION SEVEN

the potential difference (voltage) across the 4 ohm resistor is 0.8 V the potential difference (voltage) across the 6 ohm resistor is 2.4 V the potential difference (voltage) across the battery is 2 V the total current in the circuit is 0.2 A the total resistance is 10 ohms

Questions EIGHT to TEN: Choose one answer for each of the parts 1 to 4.

QUESTION EIGHT A B C D						
21	0	0	0	0		
8.2	0	0	0	0		
8.3	0	0	0	0		
8.4	0	0	0	0		

(QUES A	STION B	NINE	D
9.1	0	0	O	0
9.2	0	0	0	0
9.3	0	0	0	0
9,4	0	0	0	0

	QUESTION TEN					
	Α	В	С	D		
10.1	0	0	0	0		
10.2	0	0	0	0		
10.3	10	0	0	0		
10.4	-0	0	0	0		

HIGHER TIER

Instructions on how to complete this answer sheet are given on the question paper. Please make sure you follow them carefully.

Questions ONE and TWO: Choose one answer for each of the parts 1 to 4.

	QUESTION ONE	1	2	3	4
P		0	0	0	(0
Q		0	0	0	0
R		0	0	0	0
S		0	0	0	0

QUESTION TWO	1	2	3	7
free electrons	0	0	0	0
ions	0	0	0	0
particles	0	0	0	0
waves	0	0	0	0

Questions THREE and FOUR: Choose two answers for each question.

QUESTION THREE	
the potential difference (voltage) across the 4 ohm resistor is 0.8 V	0
the potential difference (voltage) across the 6 ohm resistor is 2.4 V	0
the potential difference (voltage) across the battery is 2 V	0
the total current in the circuit is 0.2 A	0
the total resistance is 10 ohms	0

QUESTION FOUR	
V1 has a reading of 1 V	0-
V2 has a reading of 6 V	
V3 has a reading of 4 V	0
V4 has a reading of 6 V	0
V5 has a reading of 3 V	10

Questions FIVE to TEN: Choose one answer for each of the parts 1 to 4.

QUESTION FIVE A B C D						
5.1	0	0	0	0		
5.2	0	0	0	0		
5.3	0	0	0	0		
5.4	0	0	0	0		

C	UES	TION	EIGH1	
	A	В	C	D
8.1	0	0	0	0
8.2	0	0	0	0
8.3	0	0	0	0
8.4	0	0	- 0	0

	QUE	STION	VSIX	
	Α	В	C	D
6.1	0	0	0	0
6.2	0	0	0	0
6.3	O	0	0	0
6.4	0	0	0	0

	QUES A	STION	NINE C	D
9.1	0	0	0	0
9.2	0	0	0	0
9.3	0	0	0	0
9.4	0	0	0	0

C	UES	TION	SEVE	N
7.1	0	0	0	0
7.2	0	0	0	0
7.3	0	0	0	ō
7.4	0	0	0	o

	QUESTION TEN					
	Α	В	C	D		
10.1	0	0	0	0		
10.2	0	0	0	0		
10.3	0	0	0	0		
10.4	0	0	0	0		

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