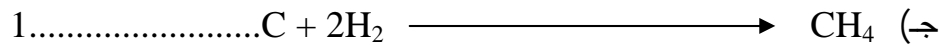
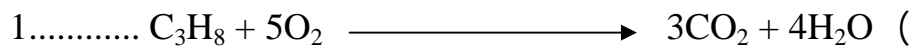
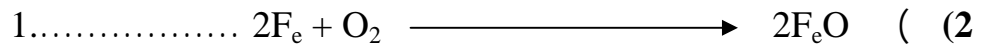


2011 / 2010 :		
2 :	:	3 :
		/ :

(5):

1..... : (1



0.5.....() (3

0.5..... (4

(5):

1..... (1 .I

1..... (2

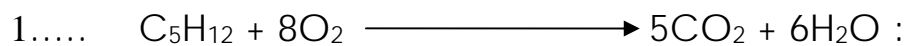
0.5 (3

0.5 (4

1.... CH_4 C (1 .II

$X = 5$ (2

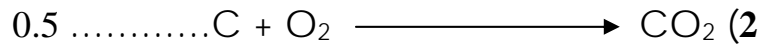
$Y = 12$



(5):

0.5 O_2 C : (1 .I

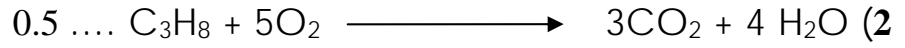
0.5 CO_2 :



1.5.....



0.5 D= 4 C=3 B=5 A= 1 (1 .III



(5):

0.25..... :We (1

0.25..... : Q

0.25..... : W

0.25..... : Er

1..... (2

1..... $\frac{\text{الطاقة المنبذة (ط)}_2}{\text{الطاقة الكلية (ط)}_1} = ()$ (3

0.5..... $300 \text{ J} = \frac{2700}{9} = \frac{270}{0.90} = \frac{2 \text{ ط}}{\text{مر}}$

1.....(2) - () = (1) (

0.5..... $30 \text{ J} = 270 - 300 = 2 - = 1$