Name-Paxas Dhiman Close Roll No - 2021482 CBB-B10-211- all Biology and Biochemistry

Assignment - 2

Palmitaic ouid made of 16 C

Complete oxideen - 2355 kcal

Cham crosself available in High crossy phashate band = 7.3 heal

ATP Molecules monimally generated = 2355 = 322.6 ATP 7.3 mal malocules

(B.) As n=8 so 8 Acutyl Co A is formed

(n-1) = no. of NABH x FABH2 = 7

FNABH = 7×3=21

INADH=3ATP 7 PABH2= 7×2=14 IFADH = 2ATP

1 hours CON forms = 12 ATP 8 forms -> 12×8 = 96

So sold = 96+21+14=131

Since 2ATP used de activate fattle ord=131-2=129 ATP

because in persons of GN-SH & augh GA synthetic pitty
ocids octabased before oxidation. But oxidation of fathy
acid octabased before oxidation. But oxidation of Later oxidation
as broken blow the enants coated beto carbon & 3rd
coated of gamma carbon. But oxid oxidation and high during
farting oxigoral, higher concentration of uncertainfield
fathy acid in blood etherm of facting animal substitutes
concentration in feed oximal one cause of tronsist main
members pathway by which energy is substituted is 8-oxidation.
Forthy haid Activate oxidate of late TCH cycle—

Efficiency = 129 = 0.3998

The total oxidation oxidation of the TCH cycle—

322.6

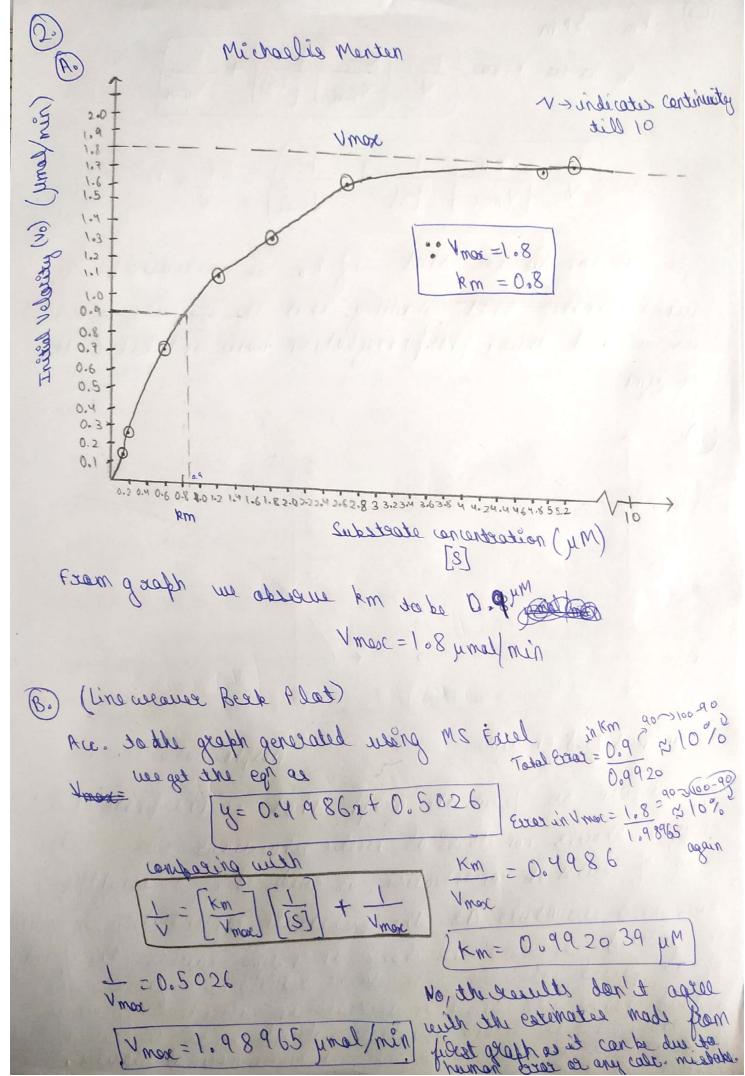
(c) remarining in 60% v.e= 2356 x0.6 = 1413 kcal

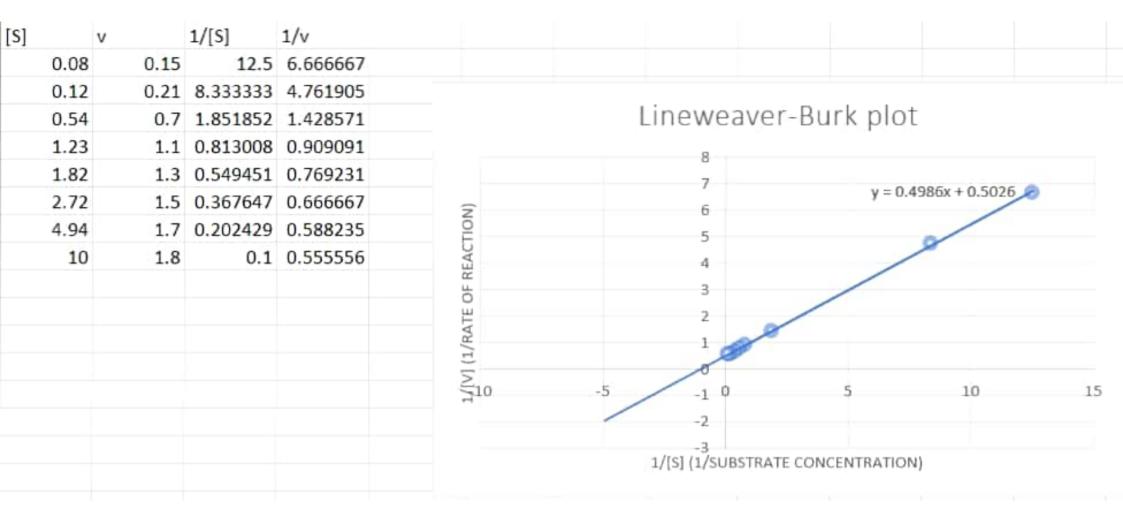
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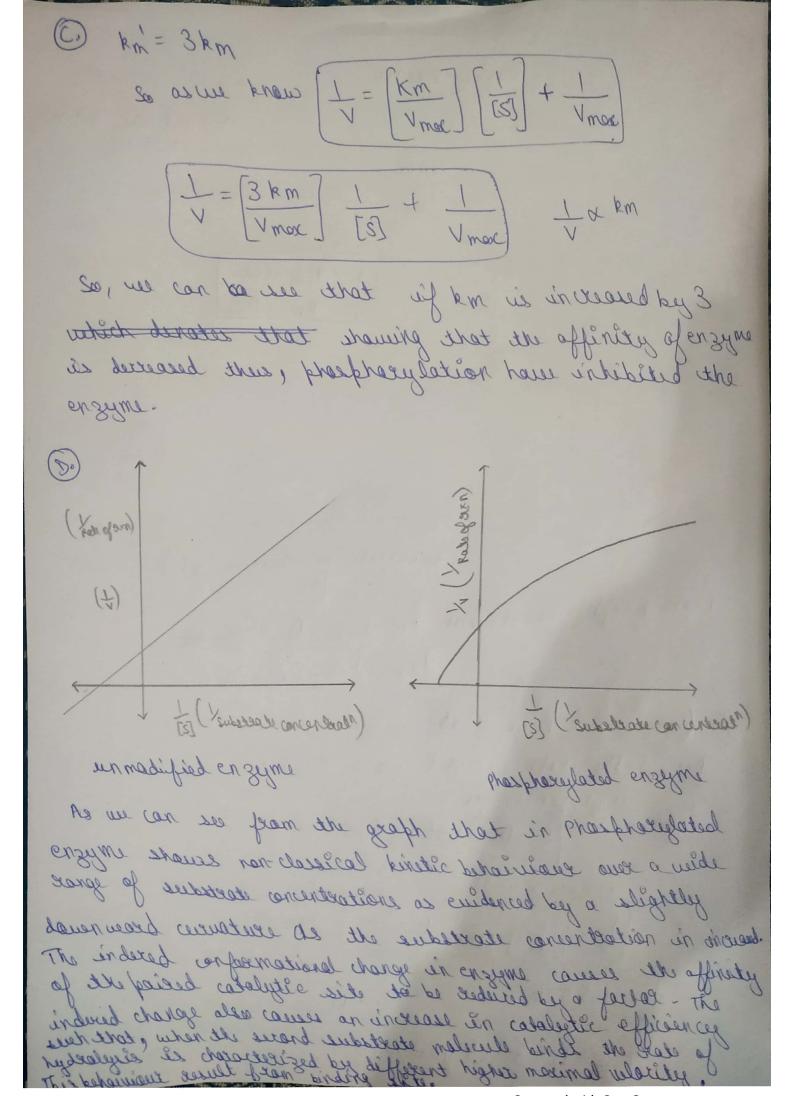
(Q=mc DT)

DT = 0 = 1413 = 18.84°C

Jo slam! "get keekene senterfrak ett 21348.81 ac.







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syntde broad eperleum paison breaus it inhibite essential axn is so assable netabolism. COX found in many from of lines.

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