

Determine following signals are energy of power delermine power (averegé) P & Energy E in each cont. if 2(x)= A, -I< < I, ii) 2(n)= (4) num. =0 o.w. iv jun) = uun).

is not for con wot.

3 Find and scetch the following signed and their

以火(け)= ult) - ult-a), a>0

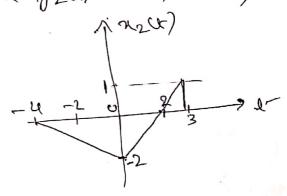
is x(t)= t (ult) - u(t-a)) a>0 iii> x(t)= u(t+3) + 2 u(t+1) - 2 u(t-1) + u(t-3)

\$ 26 x(n)= (8-n){ wen) - wen-8)}

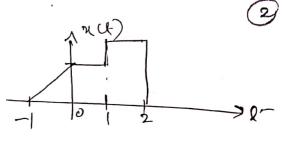
Find and sketch if. y (n)= x (4-n).

ii} y2(n)= x[2n-3]

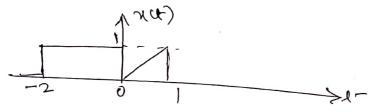
(3) Charle whether the signed are periodic @ not & find fundamental period ét periodic 2(2)= [cos(2xx)]2 2017 = con (denn) + 3in (sonn) (6) Find, energy of the Signel x(2n-1) P Find whether signed are periodic @ not of 1) x(n)= con (mx) sin (mx) 8 Sketch the signals  $\frac{1}{3} \quad y(t) = \frac{1}{3} \cdot \frac{1}{3}$ 111) YM= { 1 1 1 1 1 2 } . Wes-n)  $y(n) = 3 \times [n+1]$   $y(n) = 3 \times [n+1]$ iv> y(6)= x(4)+x2(4) & H2(b)=21(b)·22(b)



sketch is or ch) u(1-b) ii) n(x) [ u(x) - u(x-1)] iii) n(x) [ u(x+1) - u(x)] iv) n(x) n(x-2/2)



(16) Sketce x (-2++2), x (-2+-2) &x (2+).



(1) Find whethe earl of the signed are periodic of not by periodic sind fundamental period.

if lo  $\sin(2n)$  ii) 15 cm  $(0.2\pi n)$  iii) 5  $\sin(6\pi/3s)$  iv)  $(-1)^n$  v) con  $[\pi/8, n^2]$ 

By x(n)= {1 2 3 4 5 67} find x(2n-3) and

2 (-27+1)

(D) Supren xct) in term of gct)

