- o Other descriptive question o-1 marks $a_0 = 0$ To find the value correctly after calculations. $a_{n} = \frac{2}{h^{2}\pi} \begin{cases} \cos(n\pi) - 1 \\ 0 \end{cases} \quad \text{is even.}$ $= \begin{cases} 0 \\ \frac{4}{h^{2}\pi} \end{cases} \quad \text{is odd.}$ To find the value correctly ofthe cal cul atims. $\frac{10 \text{ Can curre}}{10 \text{ Can curre}} = \begin{cases} 0, & \text{in Even} \\ -2, & \text{hodd} \end{cases}$ 11 marks

n. alter calculations.

Correctly of. ALTENATE METHOD If a student Says, that the given function is the negative of a fuction given in assignment. and hence the fourier bofficients and hence the fourier bofficients are negative of an already talulated. Then directly talulated. Then directly writes as, an, ba. Give 3' marks [1 marks] for realisting
that they have to work
with the sources A = Z an ws(hx) + bn sm(hx) $\int at u = 0$ Thy are trying to run Second part theorem at n=0) and man theorem

Amarks for finding in.

answer correctly

A = \frac{1}{2} A_2m+1 = \frac{1}{17} & \frac{1}{2} \frac{1}{17} & \frac{1}{2} \frac{1}{17} & \frac{1}{2} \frac{1}{2} & \frac{1}