Criven f(n) value for nza are negative. x E [a,b] I S(x)dn = Area bounded by f(x) and x-T3 the graph is Cabove n-anin-positive Chelow n-anin-negative An f(n) below m-onin, Anea in negative for n E [a, b] g s(ndn in negotive <0

(B) Sconndn (0-> 1/2) -> positive (N/2 -> T) -> negative · Net signed ones z sconnon Soin N Z sin T-sin O 17) Given, Sconndnz Iz) Stoon (n) An We know, 0 S n < T z) con n > 0 z) p/ Anea I TCn2 Trz)(On MCOz)AneazHz We know, both onean are collect equal Con (n)dnz-A2 7-I