## TINCMEH M3MMT AHANM3-2 WENTEMBPH 2007

25 r. Dememe un merpana sixex (x21) dx

257 (2) Uschegbainne 16 ge e cxof 9 us pega  $\frac{257}{5}$   $\frac{(2n+1)!!}{(2n+2)!!}$ ,  $\frac{x^{4}}{y^{3}}$ 

257 (3) Tipechieruneme  $\frac{\partial^2 \mathbf{x}}{\partial x \partial y}$   $u \frac{\partial^2 \mathbf{u}}{\partial y \partial x}$  and  $u = f(\xi, \eta)$ ,  $\xi = (arcty \frac{1}{x})^4$ ;  $\eta = (\xi_0 y)^x$  257. (4) Hamepeme nonuneum eucompenyam en

Z = Xy /1 - X2 - y2