```
6.3 A
4.(3) & x=pesso, y=psing, III = dV = III = ez papalde
       : 1347/2 = SS e dedodz = Sodo Sede Sedaz
                       = \int_{\text{a}}^{2\pi} d\theta \int_{\text{i}}^2 zetdz = \frac{2\pi e^2}{}
  (10) (V): x 3 x y 4 2 E R 5 x 2 y 2+ (3 R) ER 的公共区域。
           なx=pcos9, y=psin日, 川田が治(05日ミル
                                                    0 5 P 5 R - 2 40 0 5 P 5 5283-Z2
                                                                     05351R
                                                   IR SEER
        -: $\int z^2 dV = \int d\theta \int \text{p} d\rho \int_{R}^{\text{R} \text{ } 2} dz + \int_{0}^{\text{2n}} d\theta \int_{0}^{\text{2n} \text{ } 2} \text{p} d\rho \int_{0}^{\text{2n} \text{ } 2} \text{d} z
                    (11) 12 x= rsingcoso, y=rsingsing, z=rcosy
      : Il r's sin3 y cosp sino wso dodydr.
      = Str dr. Sin 4 ws 4 dq Sin 8 ws Ada
       = \frac{1}{6} \cdot \int_{0}^{1} \sin^{3}\varphi \, d(\sin\varphi) \cdot \int_{0}^{1} \sin\theta \, d(\sin\theta)
        = 1 . 1 . = 48
5.(2) 架分域: [-3 EXE3
                                            => 3=19-x2-4 5x04760FF
              1: - 9-x2 E y = 9-x2
                   is to food yopsind X-psingwood, y- psingsind, 7 = pcosp
         III ZIXYY+2 do = Sond Son sing coxydy Sop dp
```