CH5115 QVIZ-1

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CH 18802

in) $f(y|y) = \frac{f(y|y)}{f(n)}$

 $3 + (x_1 y) = \frac{1}{\sqrt{2}\pi} e^{-\frac{y^2}{2}} \left(\frac{3}{16} y^2 \right)$

fy(y) = f(miy) (13 gt) ax

 $= \int \frac{3y^2}{16\sqrt{2\pi}} e^{-\frac{y^2}{2}} dx$

- 3y2 | e om

11 | V2# which is nothing but

which is nothing but

integral of political

universal Grews an

(4=07 02=1)

$$E(Y) = \frac{3}{16}y^{2}$$

$$E(Y) = \frac{3}{16}y^{2} dy = \frac{3}{16}(\frac{3}{16}y^{2}) dy = \frac{3}{64}(\frac{1676}{16})$$

$$E(Y^{2}) = \frac{3}{16}(\frac{3}{16}y^{2}) dy = \frac{3}{16}(\frac{3}{16}$$

Crawsman,

f [1119) = 27 - 77 - X 1 - 5 xy

2 1 1 - 5 xy

y eng - [(n - 4y) - 4y) - 4y)

y eng - [(n - 4y) - 2 fry (x - 4y) (y - 4y)

- x - y - x [y - xy]

2 (1 - 5 xy)

$$\frac{1}{2\pi \sqrt{1-5}} = \frac{1}{2} \frac{y}{y} \frac{P_{Y}(x_1y)}{P_{Y}(y_1)} dy$$

$$\frac{1}{2\pi \sqrt{1-5}} = \frac{1}{2\pi \sqrt{1-5}} \frac{y}{1-5} \frac{y}{2\pi \sqrt{1-5}} - \frac{29x}{29x} \frac{y}{1-4x} \frac{y}{1-4y}$$

$$\frac{1}{2\pi \sqrt{1-5}} \frac{y}{1-5} \frac{y}{2\pi \sqrt{1-5}} \frac{y}{1-5} \frac{y}{1-5} \frac{y}{1-5} \frac{y}{1-5} \frac{y}{1-5}$$

$$\frac{1}{2\pi \sqrt{1-5}} \frac{y}{1-5} \frac{y}{1-5} \frac{y}{1-5} \frac{y}{1-5} \frac{y}{1-5} \frac{y}{1-5}$$

$$\frac{1}{2\pi \sqrt{1-5}} \frac{y}{1-5} \frac{y}{1-5} \frac{y}{1-5} \frac{y}{1-5} \frac{y}{1-5} \frac{y}{1-5} \frac{y}{1-5}$$

$$\frac{1}{2\pi \sqrt{1-5}} \frac{y}{1-5} \frac{y}{1-5} \frac{y}{1-5} \frac{y}{1-5} \frac{y}{1-5} \frac{y}{1-5}$$

$$\frac{1}{2\pi \sqrt{1-5}} \frac{y}{1-5} \frac{y}{1-5} \frac{y}{1-5} \frac{y}{1-5} \frac{y}{1-5}$$

$$\frac{1}{2\pi \sqrt{1-5}} \frac{y}{1-5} \frac{y}{1-5} \frac{y}{1-5} \frac{y}{1-5} \frac{y}{1-5}$$

$$\frac{1}{2\pi \sqrt{1-5}} \frac{y}{1-5} \frac{y}{1-5} \frac{y}{1-5} \frac{y}{1-5}$$

$$\frac{1}{2\pi \sqrt{1-5}} \frac{y}{1-5}$$

$$\frac{1$$

Suntruly $x \times y : 1.2$, $x \times z = 2$, $x \times y = 3$ $\Rightarrow E(x) \times z \times y = (1.2) \times (x) + (xy - (1.2) \times (xy))$ $= 0.6 \times x + (xy - 0.6 \times x)$ $= (x) \times z \times y = 0$ $= (x) \times z \times y = 0.6 \times x \times y$