025. | 0. | 3. | HWZ | DBC;
Al (|)
$$P(x=1) = \frac{1}{2}$$

 $P(x=2) = \frac{1}{3}$
 $P(x=1) = \frac{1}{9}$
 $P(x=2) = \frac{1}{9}$
 $P(x=3) = \frac{3}{10}$
 $P(x=3) = \frac{3}{10}$

A9.
$$P(x=-1) = F(-1) - F(-1-0) = 0.3$$
 $P(x=3) = 0.3$
 $P(x=3) = 0.3$
 $P(x=3) = 0.3 = \frac{4}{5}$
 $P(x=1) = 0.2 \times 0.8 = 0.16 = \frac{4}{25}$
 $P(x=2) = 0.2 \times 0.2 \times 0.8 = \frac{4}{125}$
 $P(x=4) = 0.2 \times 0.2 \times 0.2 = \frac{125}{125}$

(2) $P(x>2) = \frac{125}{125}$

(3) $P(x>2) = \frac{125}{125}$
 $P(x=4) = \frac{125}{125}$
 $P(x=3) = \frac{125}{125}$

```
B7. P(x=0)= (1-P,)(1-B)(1-B)
  P(x=1) = P, (1-R) (1-B) + P2(1-P,) (1-P3) + A
         P3 (1-P.) (1-P.)
  P(x=2)= (1-P,) BB+(1-P2)P,B3+(1-P3)P,P2
  PIX=3)= PiBB
  P(Y=0) = P,
  P(Y=1)=(1-P1)P2 / == =8.0x 5.0x 5.0x 5.
  P(Y=2)= (1-P.) (1-P.) B=== S.ONS.ONS.ONE (4= X)
  P(Y=3)= (1-R)(1-R)(1-B)
B12.(1)设X为10:00到12:00期间收到
   P1 X~ P(6).
    : P(x=6) = e^{-6}
   (2) 设事件A: 收到到5条福信
         B: 给加收到 6年短信
    (1) P(A) = P(X>5)= - e-6 (1+11+5+ + 5+ +21+4!
          STONE 2 = 1 + ND(ET ) = (45X
       the P(BIA) = P(BA) 324 5e6-575.
```

B16.(1)当xco, F(x)=0; 当05x<1. F(X)= 文 当 1<×<2, F/X/= 士 当2 ××< 3/ F1×1= + ×= ×-1 (2) PIX < 2.5)= F(2.5)=-