

```
2. a) pati = Pa
                                     * n+1 = (n-2) (n-3)
                  = 11
     → (n+1)!
                                      M1 = 12 - 50 - 6
      [(u+1)-2];
                   [n-n)!
                                      n= 6n -7 = 0
      (n+ 1)!
                  n!
                                      (n-7) (n+1) = 0
      (u-5);
                   (n-n)!
                                       x 1-= n f=n
      (n+1)n!
                                       Jadi n=7
                          (n-n)!
       (n-2) (n-3) (n-3)!
  b) * Kata** "JAYAPURA" mengardung:
         - saku keta sebanyak 8 buah, n = 8
         · huruf A yang benutang sebanyar 3 kali 11:3
       Rumus :
        b(u=u1 'u5"...uk) : u;
               P(0.3) = 8! = 0.7.6.5.43.2.1 = 6.720
     * Kata - kata "MATEMATIKA" mengandung =
         - Suru kata sebanyak 10 buah, n=10
         - huruf A way yang berulang sebanyak skali, 1=3
        Rumus :
          P(10,3) = 101 = 10.9.0.7.6.5.4.3.2.1 = 604.000
                      3.2+
c) Pr = 10ps
   = (n)! = 10. n!
     [(n+1)-5)! (n-4)!
      lat! = 10. A!
               (n-4)!
      (n-4)!
               = 10
      (n=4)!
                Laut "
   = 10
      Jadi n = 10
```



