```
(X+Y)(X+\overline{Y}) = X\cdot X + X\cdot \overline{Y} + Y\cdot X + Y\cdot \overline{Y}
2.6
                                 = x+x-7+x.Y (: x.X=x, Y.P=0)
                                 = \times (1+\overline{Y}+Y) = (\times) (:1+X=1).
                (X+Y)=X+Q+X+(+X+X=X)
           b)
                        = X(1+Y) (:1+Y=1)
                        = X·1= X (:X·1=x).
                 (X+7).Y = XY+7.Y
           C)
                            = (XY) (; F.Y=0).
                 (X+Y)(X+Z) = X \cdot X + X \cdot Z + Y \cdot X + YZ
                                = XZ+YX+YZ
                                = X2(Y+T)+ XY+ (X+X)Y2
                                = XYZ +XPZ+ XY+ XYZ+ XYZ
                                = XYZ+XFZ+ZY+XYZ (: X+X=X)
                                = XZ(Y+Y)+XY(1+Z)
                                = [x2+xx](::Y+x=1, 1.A=A, 1+2=1).
                 f(A.B.C.D) = Sm(0.1.2, $1/8. P. b. 15).
  2.17.
             U). FLA.B.C.D) = ABOD + ABOD.
            b). f(A.B.C.D) = TM (3.4.5 (1.12.13.14).
                            = (A+B+C+D)(B+B+C+D)(A+B+C+D)(B+B+C+D)(A+B+C+D)
                               · ( A+15+C+n) · (H+B+L+0). (J+B+T+D)
                 F(B.B.(D) = ≤ m (3-4.5.6.)1.12.13.14)
             0)
                             = B ABCD+ ABCD+ ABCD+ ABCD+ BBCD+ ABCD+ARC
             d) f'(P.B.C.D) = TM (0,1.2.1. 8.P, 10,15)
                             = (\overline{B}+\overline{C}+\overline{D})\cdot(\overline{D}+\overline{B}+\overline{C}+\overline{D})\cdot(\overline{B}+\overline{B}+\overline{C}+\overline{D})\cdot(\overline{D}+\overline{B}+\overline{C}+\overline{D})\cdot(\overline{D}+\overline{B}+\overline{C}+\overline{D})
                                 · (10+B+C+b). (p+B+C+D). (p+B+C+D)
```



