T

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0 0

4

E

7

+

4 4 4

$$P('Bodictable' | +) = 0 + 1 = 1$$
 $9 + 20$
 29

$$P('no'|-) = 1 + 1 = 1$$
 $14 + 20$
 17

$$P('no'|+) = 0+1 = 1$$
 $9+20$ 29

$$P(f_{10}'|-) = 0+1 = 1$$

$$P(fun' + 1) = 1 + 1 = 2$$
 $9 + 20$
 29

$$P(-) P(S|-) = \frac{3}{5} \times (\frac{3(2)(1)}{34^3} \approx 0.00006$$

$$P(+) P(s|+) = 2 \times (i)(i)(2) \Rightarrow 0.000032$$

$$= \frac{5}{29^3}$$

Thus we can say that the test document is of negative class.