K. J. Somaiya College of Engineering, Vidyavihar, Mumbai 400077.



#### Department of Science and Humanities Applied Chemistry Laboratory

#### Subject: Engineering Chemistry

Reaction:

# Mechanism:

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### **OBSERVATIONS**

Weight of empty filter paper = W1 g = 0.89 15 9 Weight of filter paper + polymer formed (after drying)= W2 g = 1.4659Weight of polymer formed = Wg = W2-W1 g = 1.1339

## Result

Weight of urea formaldehyde resin = 
$$W g = \begin{bmatrix} \frac{660}{1.143} \\ \frac{1}{13} \\ \frac{1}$$