

TX L232 Fabric Manufacture II (Nonwoven Part)  
Minor – II

Marks - 10

*Answer all questions*

3×2 = 6

1. Neatly draw geometry of barbs [(i) 'K' barb; (ii) 'NK' barb and (iii) 'B' barb] and clearly label all the parameters, like kick-up, throat depth, total barb depth, barb angle, throat length and throat angle. Mention their relative merits and demerits (one point each).  
4
2. Draw schematic label diagrams of all three principles of through-air bonded nonwoven manufacturing. Mention the salient features of these principles (one point each).