**Quiz # 3: Student ID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: 06/10/2019**

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**Consider following initial state of slide puzzle,**

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1. **Draw Search tree for given problem. Avoid repeated states**
2. **Apply A\* Search Algorithm step by step on Search tree created in part 1. You have to show values of f(n), g(n) and h(n) on every state.**