### **Prioritization Order:**

**4 > 6 > 3 > 5 > 1 > 2**

### **Explanation:**

● **Feature 4** (Doctors Appointment) has no dependencies (logical dependency = 0), which means it can be implemented immediately. Therefore, it is given the highest priority (Priority 1).

● **Feature 6** (Generate Patient ID Card) depends on Feature 4. Since Feature 4 can be completed first, Feature 6 follows as the second priority(Priority 2).

● **Feature 3** (Bill Collection) depends on Feature 6, so it is prioritized after Feature 6. It comes next in the order as Priority 3.

● **Feature 5** (Serial Management) depends on Feature 3, meaning it can only proceed after Feature 3 is completed. It is assigned Priority 4.

● **Feature 1** (Process Patient Test Report) depends on both Feature 3 and Feature 5. Therefore, it has the next highest priority after 3 and 5 are completed, and it is assigned Priority 5.

● **Feature 2** (Deliver Patient Report Online) depends on Feature 1, which means it is the lowest priority because it can only start after Feature 1 is completed. Hence, it is assigned Priority 6.