Give Appropriate Answer for the Following Questions

1. Hawassa Fishery Association members gate there per dime by fishing at Fikr Hayk. The Association record each member's information like first name, middle name, sex and each member have unique number for the membership card. The number of fish collected by fisher man registered each day by size of fish (hint type of fish small fish, middle fish, and large size fish) each fish size have different cost (small fish: 10 birr, middle fish: 15 birr and large fish: 20 birr). The association pay for each member at the end of the weekend based on the collection of the fish. Write Java code for supporting this association, every operation (CRUD) is performed by using the members ID. The system should operate recording members, view members, edit members, and delete members also by we should be able (perform CRUD) on collection of fish for each members. Finally you should calculate the final payment of the members. N.B: Use MySQL database (**8 Points**)

2. Discuss briefly Java thread states (**2.5 Points**)

3. Write at list 3 advantage of Multithreading (**2 Points**)

4. Compare and contrast between Process vs. Threads (**2.5 Points**)

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2. Discuss the different reasons that makes thread in waiting / blocked state (**2.5 Points**)

3. Discuss about thread pool (**2 Points**)

4. Compare and contrast between Process vs. Threads (**2.5 Points**)