

B.ID (Sem.-III) Examination**ID 303****Services-I****May-2017****Time : 2 Hours]****[Max. Marks : 50**

- Instructions:** (1) Figures to the right indicate full marks.
(2) Assume suitable data, if necessary.

- Q-1 Draft a Toilet or Kitchen Layout showing all the necessary plumbing details. Include Plans & Sections. (Assume suitable scale & dimensions.) **10**
- Q-2 What is water cycle? Explain the distribution of water system in a building. **10**
- Q-3 What are the different types of bathroom fixtures? Explain with sketches. **06**
- Q-4 What are the different methods of connecting pipes? Explain with sketches. **06**
- Q-5 What are the different types of traps? Explain with sketches **06**
- Q-6 Explain what design factors will you consider while designing an aquarium. **06**

OR

- Q-6 Explain what design factors will you consider while designing a step garden. **06**
- Q-7 Explain different types of valves with sketches. **06**
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