B. Arch.
(SEM. IV) EXAMINATION, 2006-07
BUILDING SERVICES (WS)

Time : 3 Hours] [Total Marks : 50

Note :  
(1) Question No. 1 is compulsory. 
(2) Answer any four questions. 
(3) Illustrated answers will be given due credit.

1. Draw a typical arrangement for waste water from a toilet and a kitchen in a residential building. (You can assume the size of toilet and kitchen). Give details for Nahni Trap and Gulley Trap and Manhole. 

2. Explain (any two) of the following with neat sketches. 
   (a) Lamphole 
   (b) Gulley trap 
   (c) Flushing cistern.

V-8547] 1 [Contd...
3. Explain (any **four**) of the following:  
   (a) Pedestal wash basin  
   (b) Gate valve  
   (c) Water closet  
   (d) Submersible pump  
   (e) Artesian well.

4. Which system of discharge disposal will be preferred in the areas where municipal under ground sewage system is not available. Explain with proper details.

5. What are the purposes for treatment of water? Explain few ways by which water can be treated at domestic level.

6. Explain different systems of drainage for removing the discharge from the residential building.