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## Sixth Semester B.E. Degree Examination, Dec.2018/Jan.2019 Rural Water Supply and Sanitation

Rural Water Supply and Sanitation	
Time: 3 hrs.	ks:100
Note: Answer any FIVE full questions, selecting atleast TWO questions from each	ch part.
PART – A	
<ul> <li>a. Explain the factors to be considered in the selection of water in formulating a run supply project.</li> <li>b. List and explain different types of water borne diseases with precautionary measure taken to control the water borne diseases.</li> <li>c. Explain the health significance of the following drinking water quality parameter with desirable and permissible limits:</li> </ul>	06 Marks) res to be 08 Marks)
<ul> <li>b. With neat sketch, explain Nalagonda technique for removal of fluoride.</li> <li>c. Explain the lime soda process of hardness removal with necessary chemical reaction</li> </ul>	08 Marks) 06 Marks)
b. With the aid of neat sketch, explain following types of latrines:	08 Marks)
i) Pit Privy ii) Aqua Privy.	12 Marks)
a. Enplain the methods of the control of the contro	10 Marks)
b. Explain the disposal of storm water and sullage disposal in rural areas.  PART – B	10 Marks)
	10 Marks)
b. Define: i) Infection ii) Epidemic.	04 Marks)
c. With neat sketch, discuss "Epidemiologic cycle of the control of communicable of	(06 Marks)
i) Hauled Container System (HCS) ii) Stationary Container System (SCS).	(10 Marks)
C. Distance of the control of the co	(10 Marks)
7 a. Define Pasteurization. Explain the methods of Pasteurization, with neat sketches. (b. Explain briefly on:	12 Marks)
	(08 Marks)
o an Emplanation of the control of t	(06 Marks)
o. Emplem in order described by	(08 Marks)
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(06 Marks)

c. Explain various Fly control measures.