

5) The electrical services system is more efficient when r	reactive load is mo	re compared to resistive load. State True/False.	1 point
○ True			
False			
No, the answer is incorrect. Score: 0			
Accepted Answers:			
6) Water seals are provided in waste water pipe networks	to prevent the ing	race of abnovious gases. State True/False	1 point
	to prevent the mg	ress of oblioxious gases. State True/Taise.	1 point
True False			
No, the answer is incorrect.			
Score: 0 Accepted Answers:			
True			
7) Which of the following are helpful in preventing sipho	onage of the water	seals	1 point
A) Vent pipe is parallel to the main water pipe/stack	k		
B) Large sized main pipes			
Both A and B Neither A nor B			
No, the answer is incorrect.			
Score: 0			
Accepted Answers: Both A and B			
8) In a water supply system, the main as well as branch p inlet (at bottom) is 30 m. Discharges required in branches A			
following 3 questions based on given information.	and b are snown i	iii tile figure. Rougilliess coefficient of pipe – 1	oo. Allswer tile
	^	D _{ma}	mah A O = 0.201
		4m	A, Q = 0.20
	5m		
	*	Bran	ch B, Q = 0.15 lit
		4m	
	6m		
Head available at the pump is 30 m	. ↓		
	2m	XXX	
PUMP (
8m		1	
Effective length of pipe for branch A (in m)			
40.25			
32.5 28.46			
28.46			
No, the answer is incorrect.			
Score: 0 Accepted Answers:			
32.5			
9) Available hydraulic head (in m) in branch B			2 points
30			
28			
② 22 ③ 18			
No, the answer is incorrect.			
Score: 0			
Accepted Answers: 22			
10) Slope of head line for branch A			3 points
0.523			
0.415			

