05/05/2015

Physical characteristics of soil

## [Additional Exam]

VCD- / /	BIOTECHNOLOGY-I, S.Y.B.Sc. SEM IV EXAM MARKS	75 2 HRS (70)
	All questions are compulsory.	The same of the sa
	Draw diagram wherever necessary	
Q.I (A) Explain the following terms (any two)		(04)
Latent period     Capsid	3. Plus strand RNA virus 4. Protomers	
Q.I (B) Fill in the land of vir 2. Viruses that lac 3. Horn 4. Hib vaccine is u 5. HIV uses RNA 6. Bacteriophages 7. In 8. In case of Influence 1.	us which remains integrated into the host chromosome is called a viruses.  mone is secreted by the islets of Langerhans of pancreas which cata	bolizes glucose in bloophages.
	TAB vaccine along with its variants.  hormone production with reference to application of biotechnology uses in general.	
Q.II (A)Name the	following (any two)	(04)
<ol> <li>Transformation reactions,</li> <li>Final treatment of Sewerage system</li> <li>Measure of oxygagent.</li> <li>A dark colored a</li> </ol>	of nitrates to gaseous nitrogen accomplished by microorganisms in of sewage which includes usage of different chemicals and disinferent which carry off domestic and industrial water.  gen consumed during the oxidation of the oxidisable organic matter amorphous substance which improves the texture and structure of sex involved in nitrogen fixation which is sensitive to oxygen.  ganisms formed on the filtering medium of the trickling filter tank.	etants.  r by a strong oxidizing soil.
	e following terms (any two)	(04)
. Commensalism	<ul><li>3. BOD</li><li>4. Nitrification</li></ul>	
Q.II (C) Give an br	ief account on (any two) of the following	(10)