

Vivekananda College of Engineering & Technology, Puttur
 [A Unit of Vivekananda Vidyavardhaka Sangha Puttur ®]
 Affiliated to VTU, Belagavi & Approved by AICTE New Delhi

CRM08

Rev 1.10

<CV>

<05/01/22>

CONTINUOUS INTERNAL EVALUATION - 2

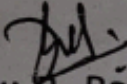
Dept: CV	Sem / Div: 3 rd A	Sub: Engineering Geology	S Code: 18CV36
Date: 13/01/22	Time: 3:00-4:30 pm	Max Marks: 50	Elective: N

Note: Answer any 2 full questions, choosing one full question from each part.

QN	Questions	Marks	RBT	CO's
PART A				
1	a With a neat sketch, explain fold, parts of fold and its types.	10	L2	CO3
	b What is an Outcrop? Explain the term Dip and Strike with neat sketch	8	L2	CO3
	c What is Rock Quality Determination(RQD)? How is RQD used for the rock mass classification.	7	L2	CO3
OR				
2	a Describe the various geological considerations required during the selection of a site for dam construction.	10	L2	CO3
	b With a neat sketch, explain the developments of Unconformities in rocks and their influence on engineering projects.	8	L2	CO3
	c Explain Normal And Reverse Faults.	7	L2	CO3
PART B				
3	a Explain electrical resistivity method for groundwater exploration.	10	L2	CO4
	b Explain sea water intrusion and remedies	10	L2	CO4
	c Explain porosity and permeability	5	L2	CO4

OR

4	a	Explain in brief zone of aeration and zone of saturation	10	L2	CO4
	b	What is Aquifer? Add a note on confined and unconfined aquifers with neat sketch.	10	L2	CO4
	c	Briefly explain Hydrological Cycle	5	L2	CO4

Prepared by:  R. Rajesh


HOD