

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

ME

15/11/2022

CONTINUOUS INTERNAL EVALUATION - 1

Dept:ME	Sem / Div:Vth sem	Sub:Management & Economics	S Code:18ME51
Date:21/11/22	Time: 9:30-11:00am	Max Marks: 50	Elective:N

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

QN	Questions	Marks	FBT	CO's
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PART A

1	a Find the effective interest rate for a nominal rate of 20% that is compounded: i) daily; ii) monthly; iii) quarterly; iv) semi-annually; v) annually; vi) Weekly.	12	L3	CO3
	b A person invests a sum of Rs.40, 000 in a nationalized bank at a nominal interest of 18% for 20 years. The compounding is done monthly. Find the maturity amount of the deposit after 20 years.	8	L3	CO3
	c A replacement machine will have a first year maintenance cost of approximately Rs.1, 000, and these will increase by Rs.2, 000 for each additional year of service. The equipment will be in service for 10years and using an interest rate of 15%, determine the maximum amount that should be paid for a lifetime maintenance contract, at the time the equipment is purchased.	5	L3	CO3

OR

2	a Discuss with the help of a neat diagram the problem solving process in decision making.	10	L2	CO3
	b Explain the law of supply and demand and the various factors affecting it.	10	L2	CO3

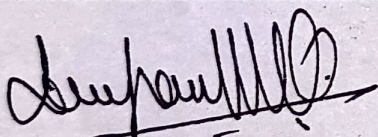
	c	List out the differences between micro and macro economics.	5	L1	CO3
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PART B

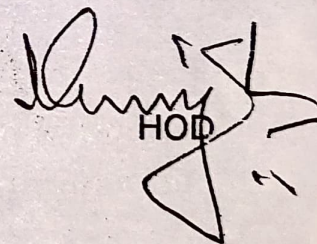
3	a	Discuss the principles of management as formulated by Fayol.	14	L2	CO1
	b	Define management and briefly explain the functions of management.	6	L2	CO1
	c	Briefly discuss the contribution of F W Taylor.	5	L2	CO1

OR

4	a	Discuss briefly the steps involved in planning.	10	L2	CO1
	b	Describe the various steps in a decision making process with a block diagram.	10	L2	CO1
	c	List and explain any one type of decision.	5	L2	CO1



Prepared by: Dr. Deepak KB



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