14 JUN 2023

Reg. No.												

Question Paper Code	11881

B.E. / B.Tech. - DEGREE EXAMINATIONS, APRIL/MAY 2023

Sixth Semester

Computer Science and Engineering

(Common to Information Technology)

20HSMG601 – PRINCIPLES OF ENGINEERING MANAGEMENT

(Regulations 2020)

Duration: 3 Hours | Max. Marks: 100

PART - A (10 × 2 = 20 Marks)

Answer ALL Questions

		Marks, K-Level,CO
1.	Define the term management.	*2,K1,CO1*
2.	What is partnership?	*2,K1,CO1*
3.	What is meant by brainstorming?	*2,K1,CO2*
4.	Explain the Delphi technique.	*2,K2,CO2*
5.	Summarize the meaning of formal organization.	*2,K2,CO3*
6.	Compare line and staff authority.	*2,K2,CO3*
7.	Explain leadership.	*2,K2,CO4*
8.	Identify the techniques to enhance the job.	*2,K2,CO4*
9.	Define innovation management.	*2,K1,CO5*
10.	Memorize green management.	*2,K1,CO5*

PART - B (5 × 13 = 65 Marks)

Answer ALL Questions

11.	a)	(i) Is management an art or science? Discuss.	*3,K2,CO1*
		(ii) Identify the roles, responsibilities and the necessary skills required by modern managers at various levels.	*10,K2,CO1*
		OR	
	b)	Discuss in detail about Industry 4.0. Also state how it helps to manage business under different domains.	*13,K2,CO1*
12.	a)	Discuss the steps evolved in the planning process.	*13,K2,CO2*
		OR	
	b)	Explain policy and different types of policies.	*13,K2,CO2*

K1 – Remember; K2 – Understand; K3 – Apply; K4 – Analyze; K5 – Evaluate; K6 – Create

13. a) Explain organizational structure. Summarize the various types of organizational structure with their merits and demerits. *13,K2,CO3*

OR

b) Illustrate your understanding on various sources of recruitment with their relative advantages and disadvantages. *13,K2,CO3*

14. a) Define communication. Explain the process and types of communication. *13,K2,CO4*

OR

b) Interpret the characteristics of good leader. *13,K2,CO4*

15. a) State suitable framework for following lean manufacturing techniques. *13,K1,CO5*

OR

b) Explain the concept of IPR and its importance in manufacturing companies. *13,K2,CO5*

PART - C (1 × 15 = 15 Marks)

16. a) Discuss Fayol's 14 principles of management in detail. *15,K2,CO1*

OR

b) Explain any three theories of motivation. *15,K2,CO4*