SRM Institute of Science and Technology
Delhi- NCR Campus, Modinagar
Department of Computer Science and Engineering
Academic Year: 2022-23 (odd)

Test: Theory CLA-1
Course Code &Title: 21GNH101J/ Philosophy of Engineering
Year & SEM: 1ˢᵗ & 1ˢᵗ

Date: 20/10/2022
Duration: 01 Hrs
Max. Marks: 25

Part – A (MCQ) –5*1=5 Marks – Answer all

Q.No	Question	Marks	CO	PO	BL
1	_____ is concerned with the physical world and its phenomena and that entails unbiased observations and systematic experimentation. (a) Science (b) Engineering (c) Technology (d) Math	1	1	1	II
2	In STEM, what is missing? (a) Algebra (b) Algorithm (c) Art (d) Academic	1	1	6	II
3	STEM education was introduced in order to improve competitiveness in Science and Technology in the United States in _____. (a) 2000 (b) 2001 (c) 2002 (d) 2003	1	1	1	I
4	Which one is not a learning habit of mind? (a) Curiosity (b) Open Mindness (c) System Thinking (d) Collaboration	1	1	6	II
5	Engineering is _____ education. (a) Primary (b) Secondary (c) Professional (d) Life Long	1	1	6	II

Part – B (10*2)

Q.No	Question	Marks	CO	PO	BL
6	Define and differentiate between Science, Engineering and Technology.	10	1	1	III
7	What are the desired Attributes of an Engineer? or Discuss various engineering habits of mind.	10	1	6	III