

2022

History of Science and Engineering

Full Marks: 100

Time: Three hours

The figures in the margin indicate full marks for the questions.

Answer any five questions.

1.	a)	Explain the concept of the earliest science in world history.	10
	b)	Explain the scientific development in the Indus valley civilization.	10
2.	a)	Explain the scientific development in the Vedic period.	10
	b)	Is the Vedic civilization a continuation of the Indus valley civilization? Justify your answer.	10
3.	a)	When did modern science emerge in India? Explain in brief.	10
	b)	Explain in brief the scientific development in pre-independent India.	10
4.	a)	Define the characteristics of science and pseudoscience.	10
	b)	Is astrology science? Justify your answer.	10
5.	a)	Is scientific knowledge static? Explain with an example.	20
6.	a)	Still today people are involved in various unscientific activities during the eclipse (Solar, Lunar). Propose some scientific awareness programs against it.	20