



Date: 29-04-2025

Dept. No.

Max. : 100 Marks

Time: 09:00 AM - 12:00 PM

**SECTION A – K1 (CO1)**

<b>Answer ALL the questions</b>		<b>(5 x 1 = 5)</b>
<b>1</b>	<b>Match the following</b>	
a)	Protestant Ethic and Science	- Christian Fuchs
b)	Actor Network Theory	- R.K. Merton
c)	Caste in IISc	- Karl Popper
d)	Marx and social media	- Renny Thomas
e)	Falsification	- Bruno Latour

**SECTION A – K2 (CO1)**

<b>Answer ALL the questions</b>		<b>(5 x 1 = 5)</b>
<b>2</b>	<b>True or False</b>	
a)	Institutions of scientific research are devoid of caste hegemony or domination.	
b)	According to actor network theory the task of the object is to object the interpretations about it.	
c)	Cryptocurrencies are made possible through blockchain technology.	
d)	Science is not influenced by the changing regimes of state.	
e)	R.K. Merton was the founder of actor network theory.	

**SECTION B – K3 (CO2)**

<b>Answer any THREE of the following in 400 words each.</b>		<b>(3 x 10 = 30)</b>
<b>3</b>	Demonstrate how sociology can understand science.	
<b>4</b>	Illustrate how technology has changed medical practices.	
<b>5</b>	Examine the relationship between sociology and STS as shown by Law.	
<b>6</b>	Analyze how and why case study is a fundamental method in STS.	
<b>7</b>	Apply paradigm shift as a concept in understanding transformation of science.	

**SECTION C – K4 (CO3)**

<b>Answer any TWO of the following in 600 words each.</b>		<b>(2 x 12.5 = 25)</b>
<b>8</b>	Demonstrate how falsification can be a benchmark of science according to Karl Popper.	
<b>9</b>	Analyze how the Puritan ethic aided the development of science.	
<b>10</b>	Illustrate your understanding of blockchain technology.	
<b>11</b>	Analyze the argument about ‘Catching Ovulation’ given by Hamper.	

**SECTION D – K5 (CO4)**

<b>Answer any ONE of the following in 800 words</b>		<b>(1 x 15 = 15)</b>
<b>12</b>	Examine how science and caste interact in institutions of science and technology higher education according to Renny Thomas.	
<b>13</b>	Summarize how critical school understands technology.	

**SECTION E – K6 (CO5)**

<b>Answer any ONE of the following in 1000 words</b>		<b>(1 x 20 = 20)</b>
<b>14</b>	Social media is a platform of exploitation. Justify using Christian Fuchs.	
<b>15</b>	Summarize Latour’s study in his book Laboratory Life.	