

BACHELOR OF ENGINEERING IN EXAMINATION, 2023

(1st Year, 1st Semester)

HUMANITIES AND SOCIOLOGY

Time : Three hours

Full Marks : 100

ANSWER ALL THE QUESTIONS FROM BOTH SECTION-A AND SECTION-B

Section-A

Long questions (15X6=90)

1. Discuss the views on technology as discussed by Sismondo in the philosophy of science and technology. (CO1)
2. With the instance of the Nehruvian regime in India, show how science and technology was an arm of government. (CO2)
3. Discuss the emergence of iron and steel industries. (CO3)
4. Discuss how cotton as an object of trade influenced industrial revolution and colonialism in context of Britain. (CO4)
5. Discuss the place of women in the field of technology. (CO5)
6. Is the concept of post-industrial society viable? Discuss. (CO6)

Section-B

Short questions (5X2=10)

7. Write a note on the rise of white collar professionals in post-industrial society.
(CO 3)
8. Discuss the invention of Watt's steam engine as an example of a nexus between scientific progress and industrial revolution. (CO-6)