

Ex/ME (M2)/HS/B/HUM/T/116//2022

BACHELOR OF ENGINEERING IN MECHANICAL ENGINEERING EXAMINATION, 2022

(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. Explain with criticisms, Karl Popper's theory of falsification as a methodology for studying the philosophy of science and technology. (CO-1)
2. Discuss the relationship between science, politics and violence in contemporary India as mentioned in AshisNandy's 'Science as a reason of state'. (CO-2)
3. Discuss the role of science and technology during the Industrial revolution. (CO-3)
4. Explain which factors made Britain the centre of the first Industrial revolution. (CO-4)
5. Do you believe scientific knowledge has been patriarchal? Explain with examples. (CO-5)
6. Discuss Daniel Bell's work of the "The coming of Post Industrial Society". (CO-6)

Section B

Short questions

(5X2=10)

7. Write a short note on Positivism. (CO-1)
8. Discuss the role of information in post industrial society. (CO-6)