

Ex/ME(M2)/HS/B/HUM/T/116/2025

BACHELOR OF MECHANICAL ENGINEERING EXAMINATION, 2025

(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

1. Differentiate between the two philosophical approaches to science. 15 (CO1)
2. What are the implications of politics and science interrelations of science as a reason for the state? 15 (CO2)
3. What is Industrial revolution? Explain it's principles and criticisms. 15 (CO3)
4. How did the Industrial Revolution in Britain transform the economic and social landscape, particularly in relation to agriculture, labor and capital investment? Discuss with reference to Hobsbawm's analysis. 15 (CO4)
5. Discuss, in brief, how feminists critique the development of science and technology as a patriarchal endeavour. 15 (CO5)
6. Discuss the impact of Post-Industrial Society on social structure. 15 (CO6)

Section B

Short Questions

5X2=10

1. What are the criticisms of Post -Industrial Society? (CO1)
2. Why did the demand for cotton cloth increase in Great Britain during the Industrial Revolution? (CO4)