Name:			Id:
Duration: 30 minutes	Date: 12/01/2022	Total Mark: 10	Mark Obtained:

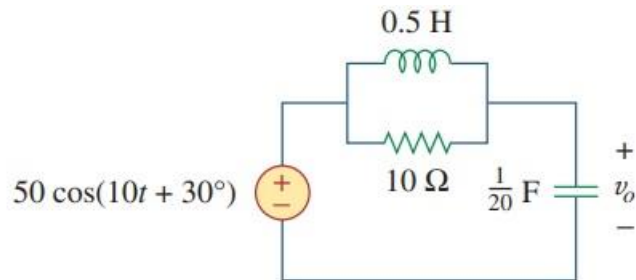1. **Calculate** $v_o(t)$ from the circuit given in figure 01. Marks: 6

Figure: 01

2. **Find** the amplitude, phase, period, and frequency of the sinusoid Marks: 4

$$v(t) = 2.5 \sin (25t + 50^o)$$