7(a)(i)	$T = 2\pi / 40\pi = 0.050$ s
7(a)(ii)	$V_{r.m.s.} = 18 / \sqrt{2}$ $= 13$ V
7(b)	sinusoidal curve of period 50 ms from $t = 0$ to $t = 100$ ms
	correct phase (V_{MAX} at $t = 0$, 50, 100 ms and $-V_{MAX}$ at 25, 75 ms etc.)
	maximum and minimum voltages shown as ± 18 V
7(c)	*Any three points from*: • rectification is full-wave • mean power = 14 W • resistance of R = 12 Ω • peak current in R = 1.6 A **or** r.m.s. current in R = 1.1 A • period of <u>output</u> voltage / power = 25 ms ***or*** frequency of <u>output</u> voltage / power = 40 Hz **or** angular frequency of <u>output</u> voltage / power = 250 rad s^{-1}