The candidates were shown a diagram of a neuromuscular junction and asked to label the various components.

Subsequent questions sought knowledge of the processes occurring at the prejunctional / junctional / post junctional nerve terminal, to classify neuromuscular blockers, their mechanisms of action, and the pharmacokinetic properties that influence speed of onset and potency.

“Please label the neuromusculature junction”

“Please classify the neuromuscular blockers”
Is usually in terms of the depolarising and non depolarising blockers
the non depolarising are further classified by
chemical structure
aminosteroids - vec and rocuronium,
benzoquinolones - cis and atracurium
duration of action
short - mivacurium
medium - vecuronium
long - pancuronium

“What influences the speed of onset and potency of neuromuscular blockers?”
There is an inverse relationship between potency and onset of action
low potency drugs require higher doses to achieve ED95, which means quicker NMJ saturation