HMB204 Mini Practice Exam

Part 1 – Multiple Choice (12 questions worth 2 marks each, 24 marks total)

1. A microbial product weakens endothelial tight junctions in the lung before tumour cells arrive. Which stage of the metastatic cascade would this most directly facilitate?

A. Extravasation of circulating tumour cells
B. Intravasation from the primary tumour
C. Colonization within the primary tissue
D. EMT at the original tumour border

Rationale: The lecture states that increased **vascular permeability** in distant organs helps circulating tumour cells leave the bloodstream, directly aiding **extravasation**.

2. A carcinoma cell loses E-cadherin and gains N-cadherin expression before leaving the primary tumour. Which change would most likely result from this transition?

A. Increased contact inhibition together with reduced invasion