

GCSE Biology B (Twenty First Century Science)
J257/02 Depth in Biology (Foundation)

Question Set 12

1 Layla is a doctor. She works with patients in a hospital.

Explain why it is good that Layla does the following things:

- She washes her hands regularly while she is at work.
- Each day she drinks a yogurt drink that contains living bacteria.

[6]

As a doctor, Layla will come into lots of microorganisms which cause disease. She must wash her hands to not transfer the bacteria and viruses between patients, which would cause the spread of communicable diseases. The patients with weak immune system would be vulnerable. In keeping so hygienic, Layla could be damaging the culture of 'good' bacteria in and on the outside of the body, which keeps her healthy. By drinking a yoghurt drink, Layla can replenish this bacteria, so her own digestion and immune response can work properly. Because the yoghurt contains active good bacteria (also known as probiotics).

Total Marks for Question Set 12: 6

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