(Communicable diseases (bacterial, viral, fungal, protist))

Q1.a)(2018)

toxins / poisons (secreted by / from / in bacteria)

Q1.b)(2018)

any **two** from:

- wash hands after using toilet / being sick
  or
  wash hands before preparing / handling food
  or
  do not prepare food (whilst infected)
- isolate yourself
- disinfect clothes / surfaces
- do not share utensils / cutlery / towels

Q1.c)(2018)

antibiotics

Q1.d)(2018)

immune system is damaged / weakened **or** immune system doesn't function properly

white blood cells cannot kill bacteria / *Salmonella* (as effectively)

Q1.e)(2018)

any **one** from:

- (give chickens) antibiotics
- don't sell infected chickens / eggs
- keep infected chickens isolated / indoors
- slaughter the infected chickens

Q2.a)(2019)

gonorrhoea

Q2.b)(2019)

the bacteria are resistant to the antibiotics

Q2.c)(2019)

abstain from sex(ual intercourse)

or

wash hands after touching penis / urinating / using the toilet

Q3.(2019)

a protist

Q4.a)(2019)

lower percentage of people with malaria when using (mosquito) nets

Q4.b)(2019)

any **one** from:

- some people who use (mosquito) nets have malaria
- data from only one area / part of Africa
- size of group too small **or** sample size too small
  or
  only 476 people
- only 50 people did not use (mosquito) nets
  or
  uneven group sizes (nets vs. no nets)
- no other information about people considered

- people may have lied about using (mosquito) nets

Q4.c)(2019)

any value between 88 – 91

Q4.d)(2019)

any **one** from:

- improved health care

- use of mosquito control methods

- changing behaviour to avoid being bitten (by mosquitoes)

Q5.(2020)

any **one** from:

- bacteria
- fungi
- protists

Q6.(2020)

by coughs / sneezes

Q7.a)(2020)

(from day) 10 (to day) 18

Q7.b)(2020)

14 (days)

Q7.c)(2020)

any **one** from:

- they had been vaccinated
- they already had antibodies
- they were immune
- they had had it before
- they did not get any / enough virus from infected child
- they did not play (much) with the infected child

Q7.d)(2020)

antibiotics do not kill viruses

Q8.(2021)

pathogens

Q9.(2021)

viruses reproduce inside cells, damaging them

Q10(2022)

sexual intercourse

Q11.(2022)

increased (at first)

(then) decreased

Q12.(2022)

better education on how to prevent the spread of HIV

Q13.(2022)

it looks like the hornet

(so) animals avoid the risk of being stung

Q14.(2022)

rose black spot

Q15.(2023)

pathogens

Q16.(2023)

vector

Q17.(2023)

decreased haemoglobin

Q18.(2023)

$\frac{210\ 000\ 000}{2}$

or

105 000 000

105 000 000 × 3

315 000 000

3.15×10^8

Q19.(2023)

any **two** from:

- wear long(er) sleeves / clothes
- use insect repellent or insecticides
- don't go out in the evening
- avoid going to countries / places with malaria / mosquitos
- destroy breeding grounds
- release sterile male mosquitos

Q20.(2023)

percentage / chance (of getting malaria) decreases (with age)

correct use of data such as two pairs of data from **Table 4**