

**Disease and immunity – 2020 O Level 5090**

1. **Nov/2020/Paper\_11/No.25**

For which diseases can antibiotics be used as effective treatments?

- A bacterial infections
- B coronary heart disease
- C malaria
- D viral infections

2. **Nov/2020/Paper\_11/No.31**

Three statements about malarial parasites are listed.

- 1 Insecticides are used to kill the vectors.
- 2 Netting is used to keep the vectors away from people.
- 3 People take drugs that stop the malarial pathogen developing.

Which methods can be used to control malaria?

- A 1, 2 and 3      B 1 and 2 only      C 1 only      D 2 and 3 only

3. **Nov/2020/Paper\_12/No.25**

Which of these diseases can be treated effectively with antibiotics?

- 1 HIV
- 2 malaria
- 3 syphilis

- A 1, 2 and 3      B 1 only      C 2 and 3 only      D 3 only

4. **Nov/2020/Paper\_12/No.31**

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5. Nov/2020/Paper\_12/No.35

Which row describes a cause, a symptom and a treatment for syphilis in males?

	cause	symptom	treatment
<b>A</b>	bacterium	development of painful joints	antibiotics
<b>B</b>	bacterium	severe headaches	antibodies
<b>C</b>	virus	burning sensation during urination	antibiotics
<b>D</b>	virus	infertility	antibodies

6. Jun/2020/Paper\_11/No.31

Which row matches a method of controlling malaria with the explanation of how this method works?

	method	explanation
<b>A</b>	covering windows with netting	kills mosquitoes
<b>B</b>	spraying oil on rivers	kills mosquito larvae
<b>C</b>	taking anti-malarial tablets	stops mosquitoes biting
<b>D</b>	using insecticides	kills malarial parasites

7. Jun/2020/Paper\_12/No.31

Which row shows the malarial parasite and the vector involved in its transmission?

	parasite	vector
<b>A</b>	female mosquito	human
<b>B</b>	human	male mosquito
<b>C</b>	malarial pathogen	female mosquito
<b>D</b>	male mosquito	malarial pathogen

8. Jun/2020/Paper\_12/No.35

The spread of HIV has been reduced in many countries.

Which action has assisted this reduction?

- A** development of an effective vaccine
- B** health education
- C** treating patients with new antibiotics
- D** using drugs that slow the appearance of symptoms of HIV