

Infectious Diseases (4) 2015

Name: _____

Date: _____

1. The following applies to sterilisation

- a) Can be achieved by heating at 85oC for 2 minutes.
- b) Destroys pathogenic microbes but not their spores.
- c) Can be achieved by heating in hot air at 180°C for 30 min.
- d) Reduces the number of microbes on the skin
- e) Achieved by heating under pressure for 20 min. at 120°C

True

False

2. Please tick all answers applying to viruses in general

- a) They need a living host to replicate
- b) They belong to the eukaryotes
- c) They can remain in a latent stage for years
- d) They contain stable genes in their nucleus
- e) Viruses always contain RNA

True

False

3. Shingles are characterised by:

- a) A vesicular rash
- b) A rash symmetrically on both body halves
- c) Neuralgic pain
- d) Weight loss
- e) Following chicken pox

True

False

4. Which of the following are notifiable disease

- a) Rubella
- b) Mumps
- c) Malaria
- d) Whooping cough
- e) Impetigo

True

False

5. Please fill in which kind of organism causes the following diseases (Bacteria, virus, protozoa, fungi etc)

Disease	Organism Caused By e.g. fungi
Syphillus	
Trichomoniasis	
Scarlet Fever	
Hepatitis B	
Thrush	

6. Match the listed symptoms with the most likely diseases.

Typical symptoms	Suspected disease
Sore throat, moderate fever and swollen cervical lymph nodes Grey membrane across the tonsils	
Severe diarrhoea, often with mucous, blood and pus Stomach pain Nausea and/or vomiting Fever	
Fever & exanthema lasting about 2 weeks	
Fever, cough, night sweats, severe feeling ill, high ESR, leukocytosis, weight loss, anorexia	
Severe headache Back pain Photophobia Hyper-extended stiff neck Vomiting Irritability	

7. About malaria

True

False

- a) Caused by a virus
- b) Transmitted by the male anopheles mosquito
- c) Causes a constant fever
- d) Affects the red blood cells
- e) Has similar symptoms to the flu

8. Which of the following infectious diseases are bacterial?

True

False

- a) Diphtheria
- b) Mumps
- c) Rubella
- d) Gonorrhoea
- e) Whooping cough

9. About HIV/AIDS

True

False

- a) It is a retrovirus
- b) It attacks T-killer cells
- c) HIV is often transmitted to the fetus during pregnancy
- d) Kaposi's sarcoma is found relatively often in AIDS sufferers
- e) A blood test will detect HIV immediately after infection

10. Please give the meaning of the following terms

Term	Meaning
Commensalism	
Vector	
Retrovirus	
Endemic	
Endotoxin	

