

Infectious Diseases (c)

Name:

Date:

1. Please give the meaning of the following terms:

(5)

Term	Meaning
Commensalism	
Epidemic	
Reservoir	
Pandemic	
Exotoxin	

2. Match the listed symptoms with the most likely diseases:

(5)

Typical symptoms	Suspected disease
Vaginal itch. A thick white, clumpy discharge Inflammation of vulva or vagina Dysuria. Discomfort or Irritation	
Feeling ill Head and Joint Pains Swollen parotid gland, first one then both sides	
Sore throat, moderate fever and swollen cervical lymph nodes Grey membrane across the tonsils	
Severe headache Photophobia Hyper-extended stiff neck Vomiting Irritability	
Fever, cough, night sweats, severe feeling ill, high ESR, leucocytosis, weight loss, anorexia	

3. Circle TRUE / FALSE for the following statements on microorganisms:

(5)

- | | |
|--|-----------------|
| a) All bacteria are prokaryotae | a. TRUE / FALSE |
| b) Bacteria from the cocci family are rod shaped | b. TRUE / FALSE |
| c) Some protozoa can form spores | c. TRUE / FALSE |
| d) Mycoplasmas are the smallest cellular microbe | d. TRUE / FALSE |
| e) Fungi need human cells to reproduce | e. TRUE / FALSE |

4. Circle TRUE / FALSE if the following diseases are notifiable: (5)

- | | |
|---------------|-----------------|
| a) Gonorrhoea | a. TRUE / FALSE |
| b) Impetigo | b. TRUE / FALSE |
| c) Rubella | c. TRUE / FALSE |
| d) Mumps | d. TRUE / FALSE |
| e) Meningitis | e. TRUE / FALSE |

5. Circle TRUE / FALSE for the following statements on HIV / AIDS: (5)

- | | |
|---|-----------------|
| a) It is a retrovirus | a. TRUE / FALSE |
| b) A blood test will detect HIV immediately after infection | b. TRUE / FALSE |
| c) The virus hides inside host cells | c. TRUE / FALSE |
| d) Kaposi's sarcoma is found relatively often in AIDS sufferers | d. TRUE / FALSE |
| e) Recurrent pneumonia is associated with AIDS sufferers | e. TRUE / FALSE |

6. Circle TRUE / FALSE for the following statements on Shingles: (5)

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

7. Circle TRUE / FALSE for the following statements on sterilisation: (5)

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

8. The following diseases occur via vector transmission: (5)

- | | |
|-------------------|-----------------|
| a) Whooping cough | a. TRUE / FALSE |
| b) Malaria | b. TRUE / FALSE |
| c) Tuberculosis | c. TRUE / FALSE |
| d) Impetigo | d. TRUE / FALSE |
| e) Syphilis | e. TRUE / FALSE |

9. Circle TRUE / FALSE for the following infectious diseases that are bacterial: (5)

- | | |
|-------------------|-----------------|
| a) Whooping cough | a. TRUE / FALSE |
| b) Chicken pox | b. TRUE / FALSE |
| c) Diphtheria | c. TRUE / FALSE |
| d) Mumps | d. TRUE / FALSE |
| e) Rubella | e. TRUE / FALSE |