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Virtual Examroom

BIOL252: MICROBIAL ECOLOGY

Started on Tuesday, 30 June 2020, 2:23 PM**State** Finished**Completed on** Tuesday, 30 June 2020, 2:52 PM**Time taken** 28 mins 32 secs**Grade** 36.00 out of 40.00 (90%)

Question 1

Complete

Mark 1.00 out of 1.00

Flag question

Question text

Certain microbes are able to withstand very severe environmental conditions. They are collectively known as _____.

Select one:

- a. Extremophiles
- b. Halophiles
- c. Thermophiles
- d. Barophiles

Question 2

Complete

Mark 1.00 out of 1.00

Flag question

Question text

The food source for the intermediate host of Dracunculus medinensis is increased by the presence of _____.

Select one:

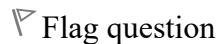
- a. Faeces
- b. Urine

- c. Blood
- d. Sunlight

Question 3

Complete

Mark 1.00 out of 1.00



Question text

Two key factors for preventing insect vector diseases include:

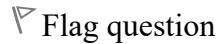
Select one:

- a. Provision of potable water and hand washing
- b. Hand washing and insect vector control
- c. Provision of potable water and education
- d. Insect vector control and draining stagnant water

Question 4

Complete

Mark 1.00 out of 1.00



Question text

Bacteria that survive in coastal environments.

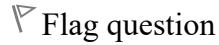
Select one:

- a. Barophile
- b. Halophile
- c. Psychrophile
- d. Acidophile

Question 5

Complete

Mark 1.00 out of 1.00



Question text

Which genus of bacteria contributes to plagues, cavities, gingivitis and periodontal disease

Select one:

- a. Escherichia
- b. Bacillus
- c. Staphylococcus
- d. Streptococcus

Question 6

Complete

Mark 1.00 out of 1.00

Flag question

Question text

Some bacteria can undergo metabolism in the presence of oxygen, but do not use it in their metabolism. This group of bacteria are collectively known as _____.

Select one:

- a. Microaerophilic
- b. Obligate anaerobe
- c. Aerotolerant anaerobe
- d. Aerobes

Question 7

Complete

Mark 1.00 out of 1.00

Flag question

Question text

Two examples of important bacterial diseases transmitted from person to person by inhalation are _____.

Select one:

- a. Meningitis and Tuberculosis
- b. Meningitis and Chicken pox
- c. Tuberculosis and Small pox
- d. Chicken pox and Small pox

Question 8

Complete

Mark 1.00 out of 1.00

Flag question

Question text

The following are examples of non-faeco-oral water washed diseases except _____.

Select one:

- a. Onchocerciasis and Scabies
- b. Trachoma and Filariasis
- c. Trachoma and Scabies
- d. Malaria and Filariasis

Question 9

Complete

Mark 1.00 out of 1.00

Flag question

Question text

Some microorganisms thrive and survive in Carbon dioxide environment and thrive in conditions of low oxygen and high carbon dioxide concentration. They are collectively known as _____ and an example is _____.

Select one:

- a. Aerotolerant anaerobes, Lactobacillus
- b. Capnophiles, Haemophilus influenzae
- c. Facultative anaerobes, E. coli
- d. Microaerophilic, Helicobacter pylori

Question 10

Complete

Mark 1.00 out of 1.00

Flag question

Question text

In the Microbiology laboratory, the technique used to avoid all microorganisms is accomplished by _____.

Select one:

- a. Disinfection
- b. Pasteurization
- c. Sterilization
- d. Flaming

Question 11

Complete

Mark 1.00 out of 1.00

Flag question

Question text

Select one:

- a. Staphylococcus aureus
- b. Pseudomonas aeruginosa
- c. Clostridium tetani
- d. Clostridium botulinum

Question 12

Complete

Mark 1.00 out of 1.00

 Flag question

Question text

During an epidemic, the single individual who first becomes infected, incubates the pathogenic organism and later infects others in the community is known as _____.

Select one:

- a. Index case
- b. Reservoir
- c. Asymptomatic case
- d. Symptomatic case

Question 13

Complete

Mark 0.00 out of 1.00

 Flag question

Question text

Biofilms adhere to surfaces by some structures which are held in place by _____.

Select one:

- a. hydrogen bonds
- b. covalent bonds
- c. van der Waals forces
- d. carbon-carbon bonds

Question 14

Complete

Mark 1.00 out of 1.00

 Flag question

Question text

Which of the following diseases was the first to be classified as waterborne disease?

Select one:

- a. Trachoma
- b. Scabies
- c. Cholera
- d. Giardiasis

Question 15

Complete

Mark 1.00 out of 1.00

 Flag question

Question text

The most virulent virus type/types among the influenza viruses is/are _____.

Select one:

- a. Influenza D only
- b. Influenza A only
- c. Influenza B only
- d. Influenza C only

Question 16

Complete

Mark 1.00 out of 1.00

Flag question

Question text

If you consume slightly cooked pork, chances are that you may be infected with _____ scientifically known as_____.

Select one:

- a. Pork Tapeworm, Taenia solium
- b. Beef tapeworm, Taenia saginata
- c. Dog Tapeworm, Taenia pisiformis
- d. Fish Tapeworm, Diphyllobothrium latum

Question 17

Complete

Mark 1.00 out of 1.00

Flag question

Question text

During biofilm formation, bacteria spread and colonize other niches at what stage?

Select one:

- a. Maturation I
- b. Dispersion
- c. Initial attachment
- d. Irreversible attachment

Question 18

Complete

Mark 1.00 out of 1.00

Flag question

Question text

The transmission route for waterborne diseases is _____.

Select one:

- a. Excreta--Water--Mouth

- b. Water--Mouth--Urine
- c. Mouth--Excreta--Water
- d. Water-Mouth--Excreta

Question 19

Complete

Mark 1.00 out of 1.00

Flag question

Question text

An example of a microbe found in cooked rice left for several days is _____.

Select one:

- a. Bacillus anthracis
- b. Clostridium tetani
- c. E. coli
- d. Bacillus cereus

Question 20

Complete

Mark 1.00 out of 1.00

Flag question

Question text

Micro-colonies enlarge to form the first layer of cells covering the surface at what stage of a biofilms development.

Select one:

- a. Maturation I
- b. Irreversible attachment
- c. Dispersion
- d. Initial attachment

Question 21

Complete

Mark 1.00 out of 1.00

Flag question

Question text

Rabies attacks the human _____ system.

Select one:

- a. Skeletal
- b. Nervous
- c. Urinary
- d. Endocrine

Question 22

Complete

Mark 1.00 out of 1.00

 Flag question

Question text

Which of the following can be controlled by conducting Mass Drug Administration using the required drugs in endemic communities?

Select one:

- a. Schistosomiasis and Tapeworm
- b. Filariasis and Schistosomiasis
- c. Malaria and Filariasis
- d. Filariasis and Tapeworm

Question 23

Complete

Mark 1.00 out of 1.00

 Flag question

Question text

Diseases caused by poor personal hygiene, skin and eye contact with contaminated water are collectively known as

Select one:

- a. Taeniases
- b. Non-faeco-oral water washed diseases
- c. Insect vector diseases
- d. Rodent vector diseases

Question 24

Complete

Mark 1.00 out of 1.00

 Flag question

Question text

Bacteria that cannot survive standard laboratory atmospheric pressures

Select one:

- a. Psychrophile
- b. Barophile
- c. Halophile
- d. Acidophile

Question 25

Complete

Mark 1.00 out of 1.00

 Flag question

Question text

Influenza is a _____ disease of humans.

Select one:

- a. Gastrointestinal
- b. Respiratory
- c. Nervous system
- d. Gastro urinary

Question 26

Complete

Mark 1.00 out of 1.00

 Flag question

Question text

_____ is an example of an important fungal disease usually associated with repeated exposure to airborne spores in the work environment.

Select one:

- a. Respiratory syncytial viral
- b. Tuberculosis
- c. Acute allergic alveolitis
- d. Severe acute respiratory syndrome

Question 27

Complete

Mark 0.00 out of 1.00

 Flag question

Question text

When a microorganism is in an isotonic environment and needs to survive, the microorganism has a/an _____.

Select one:

- a. no solute in its environment
- b. lower solute concentration compared to the solution in its environment
- c. equal solute concentration compared to the solution in its environment
- d. higher solute concentration compared to the solution in its environment

Question 28

Complete

Mark 1.00 out of 1.00

Flag question

Question text

A partially filled coffee cup including milk and sugar is left standing over night. It is contaminated with infectious microbes. A person handles the outside of the cup and becomes contaminated. This is an example of _____.

Select one:

- a. Fomite transmission
- b. All of these
- c. Direct transmission
- d. Reservoir transmission

Question 29

Complete

Mark 1.00 out of 1.00

Flag question

Question text

Bacteria that survive and grow within pH ranges 7.0 - 11.5.

Select one:

- a. Halophile
- b. Alkaliphile
- c. Psychrophile
- d. Acidophile

Question 30

Complete

Mark 1.00 out of 1.00

Flag question

Question text

Vomiting occurs when the gut cells release the compound _____ which stimulates the _____.

Select one:

- a. Serotonin, Vagus nerve
- b. Norepinephrine, Vagus nerve
- c. Serotonin, Gag nerve
- d. Norepinephrine, Gag nerve

Question 31

Complete

Mark 1.00 out of 1.00

 Flag question

Question text

In the Microbiology laboratory, glassware and media are sterilized by ____ respectively.

Select one:

- a. Flaming and autoclaving
- b. Autoclaving and Hot air oven
- c. Hot air oven and autoclaving
- d. Incineration and Hot air oven

Question 32

Complete

Mark 1.00 out of 1.00

 Flag question

Question text

DNA damage can be repaired by _____.

Select one:

- a. Photo deactivation and dark deactivation
- b. Photo reactivation and dark reactivation
- c. Photo reactivation and photo deactivation
- d. None of the above

Question 33

Complete

Mark 0.00 out of 1.00

 Flag question

Question text

Insects and animal allergens may be considered as _____ aspects of microbial ecology.

Select one:

- a. Biological and Chemical
- b. Physical and Biological
- c. Physical and Chemical
- d. Chemical and socio-economical

Question 34

Complete

Mark 1.00 out of 1.00

 Flag question

Question text

A restaurant worker is polishing silverware with a towel just used to wipe down a dirty table top. The silverware is now a.....

Select one:

- a. Reservoir of infection
- b. Vector
- c. Fomite
- d. Portal of entry

Question 35

Complete

Mark 1.00 out of 1.00

 Flag question

Question text

Which of the following statements is the best definition of a pandemic disease?

Select one:

- a. It occurs infrequently at no predictable time scattered over a large area or population
- b. It normally occurs in a given geographic area
- c. It is an epidemic that occurs on more than one continent at the same time
- d. It is a disease that occurs more frequently than usual for a geographical area or group of people

Question 36

Complete

Mark 0.00 out of 1.00

 Flag question

Question text

The following are zoonotic diseases except _____.

Select one:

- a. Influenza and Ebola
- b. Toxoplasmosis and Rabies
- c. Malaria and Onchocerciasis
- d. Anthrax and Nipah virus

Question 37

Complete

Mark 1.00 out of 1.00

 Flag question

Question text

Infections caused by inadequate volumes of water for personal hand domestic hygiene are known as _____.

Select one:

- a. Water-washed disease
- b. Water-based disease
- c. Insect vector disease
- d. Geohelminthiases

Question 38

Complete

Mark 1.00 out of 1.00

 Flag question

Question text

Which of the following ways of monitoring bacterial growth does not require a viable microorganism?

Select one:

- a. Direct count
- b. None of the above
- c. Plate count
- d. Streak plate

Question 39

Complete

Mark 1.00 out of 1.00

 Flag question

Question text

The thickness of biofilms is known to depend on: A. the speed at which the medium moves; B. the amount of food in the environment; C. fluid temperature; D. the nature of the surface.

Select one:

- a. A, B and C
- b. B only
- c. A only
- d. A, B, C and D

Question 40

Complete

Mark 1.00 out of 1.00

 Flag question

Question text

_____ are the natural hosts for a large variety of Influenza A viruses.

Select one:

- a. Rodents
- b. Wild aquatic birds

c. Dogs d. Pigs[Finish review](#)[Skip Quiz navigation](#)**Quiz navigation**

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