

**Practice Final
EXCI233-Winter2015**

Multiple Choice

Identify the letter of the choice that best completes the statement or answers the question.

1. You should ensure that your emergency plan _____.

a.	lists intricate details for every possible emergency
b.	is simple and easy to follow
c.	is on file with city fire authorities
d.	is kept locked in your car

2. Which of the following is true about infertility?

a.	In about 10% of couples, the cause of infertility is unknown.
b.	Infertility is due equally to female causes as male causes.
c.	In vitro fertilization involves introducing sperm into the uterus with a long needle.
d.	In men, infertility is caused by excess sperm and ejaculation problems.

3. Which of the following psychological factors may influence an individual's potential for addiction?

a.	The individual has high self esteem.
b.	The individual has adequate coping skills.
c.	The individual has the ability to control his/her behaviour.
d.	The individual has a tendency toward risk-seeking behavior

4. Bertie doesn't see that her addiction to betting is self-destructive. She is experiencing _____.

a.	displacement	c.	obsession
b.	compulsion	d.	denial

5. ~~Most food-borne illnesses go undiagnosed because _____.~~

a.	The symptoms are not serious enough to go to a hospital
b.	Symptoms may not appear for a week or more
c.	Symptoms usually appear during flu season
d.	Most victims die before treatment

6. The test done on the potential recipient to determine whether or not donated tissue is compatible is called _____.

a.	ABO matching	c.	tissue matching
b.	Rh matching	d.	rejection prescreening

7. ~~The person or population that comes in contact with a disease-causing organism is called the _____.~~

a.	vector	b.	host	c.	pathogen	d.	vehicle
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8. How is cocaine correctly classified?

a.	Stimulant	b.	Depressant	c.	Hallucinogen	d.	Sedative
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9. ~~All of the following are true statements concerning genital warts EXCEPT:~~

a.	Genital warts increase the risk of cervical cancer.
b.	Genital warts may not appear for up to 18 months after contact.
c.	Once genital warts are removed they never return.
d.	Genital warts may cause urinary obstruction.

10. Dementia is best described as _____.

a.	an inevitable consequence of advanced age
b.	a brain disorder in which a person loses mental capabilities
c.	mental illness brought on by prolonged exposure to high levels of noise
d.	brain malfunction due to lead poisoning

11. ~~When you refuse to consume partly-cooked seafood or foods containing raw eggs, you are trying to avoid exposure to _____.~~

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|-------------|------------|----------------|---------------|
| a. Listeria | b. E. coli | c. Hepatitis A | d. Salmonella |
|-------------|------------|----------------|---------------|

12. A person can decrease his/her risk of Alzheimer disease by _____.

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| a. consuming increased amounts of dietary supplements |
| b. taking supplements of B vitamins |
| c. preserving cardiovascular health as much as possible |
| d. decreasing protein intake |

~~13. Someone can have an STI and not notice any symptoms of the infection.~~

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| a. This statement is only true for females. |
| b. This statement can be true for both males and females. |
| c. This statement is false for all STIs. |
| d. This statement is false for gonorrheal infections in females. |

14. The problems of drug misuse and abuse primarily occur _____.

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|------------------------------------|
| a. among teenagers. |
| b. across all aspects of society. |
| c. in adults under stress. |
| d. with older people accidentally. |

~~15. What would happen if a human restricted food intake by 25% for 6 months or more?~~

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| a. The result would be more free radicals and DNA damage in the body's cells. |
| b. Genes that allow weight loss would act to prevent unhealthy weight loss. |
| c. The mitochondria in the muscle cells would become more efficient. |
| d. About 25% of the muscle mass would be lost due to this technique. |

~~16. The most widespread sexually transmitted bacterium is _____.~~

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| a. HIV | b. herpes simplex | c. gonorrhea | d. chlamydia |
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17. How often should you practice your emergency plan?

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| a. Once a year | c. Every three months |
| b. Every six months | d. In the week before an emergency comes |

18. Which of the following situations is an unlikely reason for infertility?

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| a. Insufficient numbers of sperm in the male partner. |
| b. Female partner in the late teenage years. |
| c. Too much mucous in the vagina and cervix. |
| d. Misshapen or immobile sperm in the male. |

19. Which of the following types of cancer starts in the epithelial linings of the body?

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|---------------|-------------|--------------|--------------|
| a. Carcinomas | b. Sarcomas | c. Leukemias | d. Lymphomas |
|---------------|-------------|--------------|--------------|

20. Which of the following is **not** usually taken as a warning sign of cancer?

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| a. Skin rash | c. Digestive problems |
| b. Nagging cough | d. A sore that does not heal |

21. What is the situation involving the North Pacific Gyre?

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| a. The gyre is weakening, upsetting weather patterns on land. |
| b. An accumulation of debris, particularly plastics, is present. |
| c. Toxic oils spills are threatening marine animals and birds. |
| d. Fluctuating ocean temperature is causing more rainfall in California. |

22. The molecules that signal rejection of donated tissues or organs are named _____.

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|---------------|------------|
| a. antibodies | c. B cells |
| b. antigens | d. A cells |

23. A good emergency plan will cover _____.

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| a. adult family members only |
| b. where to meet during and/or after a disaster |
| c. information on family members only, not pets |

d. copies of all your bills for the past year

24. Which of the following would be the **best** tissue match for a male requiring a kidney transplant?

- a. Parent of the same sex as the recipient.
- b. Any brother or sister who is older.
- c. Twin of the same sex as the recipient.
- d. Twin sister.

~~25. Any disease-causing organism that infects you is called a _____.~~

- a: ~~vector~~
- b: ~~host~~
- c: ~~pathogen~~
- d: ~~macrobe~~

26. Choose the phrase that **least** characterizes problem gambling.

- a. Losing track of time spent playing poker on your 25th birthday.
- b. Online betting on sports through government betting sites.
- c. Being unable to control betting on the outcome of hockey games.
- d. Obsession with winning back the \$20 lost the previous day at betting machines.

27. What is the minimum amount of water that you need to store per day for one adult?

- a. 1 litre
- b. 2 litres
- c. 3.5 litres
- d. 5 litres

~~28. Of the following conditions, the leading cause of sterility in a woman is _____.~~

- a: ~~pelvic inflammatory disease~~
- b: ~~toxic shock syndrome~~
- c: ~~gonorrhoea~~
- d: ~~syphilis~~

29. Antioxidants help prevent damage to our cells caused by oxygen molecules that are formed by normal metabolic processes. Those molecules are also known as _____.

- a. free radicals
- b. atoms
- c. deoxyribonucleic acids
- d. coenzymes

30. Derek feels that he spends more time thinking about past wins, future games as well as how to get more funds for his weekly poker games. This is an example of _____.

- a. Psychological stress.
- b. Cognitive confusion
- c. Compulsive behaviour
- d. Addiction

31. Tumours in which the cells are rapidly dividing are called _____.

- a. benign
- b. malignant
- c. neoplastic
- d. oncogenes

32. What type of debris is mainly found in the Pacific Gyre?

- a. Cargo lost from container ships.
- b. Bird and animal carcasses.
- c. Garbage from passenger ships.
- d. Single-use water bottles.

~~33. Which of the following would be considered a genetically modified food in the modern sense?~~

- a: ~~Rice that is cross-bred with other rice varieties to increase beta-carotene content.~~
- b: ~~Yellow corn that is much sweeter and larger than the ancient variety.~~
- c: ~~Field-grown tomatoes with a fish gene that enhances the tomato's keeping abilities.~~
- d: ~~Plants infected with viruses that are unaffected by the presence of virus genetic material.~~

34. An important factor in determining the success of the drug treatment process is the individual's _____.

- a. choice of drugs
- b. type of recovery program
- c. level of addiction
- d. commitment to recovery

35. Most cases of Alzheimer disease begin _____.

- a. in those over 65, and progresses to the person's death within 3 years
- b. in those over 65, and progresses to the person's death within 10-15 years
- c. in those 55-65, with development of the disease taking 15-20 years.
- d. with the appearance of heart disease in the 60s, with loss of memory starting 2 years after.

36. Why is there concern about the present of plastics in the ocean?

- a. Sea animals mistake plastic for food.

b.	Plastic gets caught in fishermen's nets.
c.	The debris contributes to warming ocean temperatures.
d.	Propellers of ships are damaged by the plastics.

~~37. Why are genetically modified organisms (GMOs) being developed?~~

a.	More use of GMOs will lead to foods with a healthier nutritional content.
b.	These types of plants/animals will be resistant to all viral diseases that infect them.
c.	Foods produced from GMOs will require less sugar when they are being processed.
d.	Introduction of non-native genes will lead to less use of chemical pesticides.

38. What is/are the best strategy/strategies to prevent infertility?

a.	Avoid reproductive organ infections.
b.	Avoid having multiple sexual partners.
c.	Reduce exposure to hazardous chemicals.
d.	All of the above.

~~39. What foodborne infection is transmitted by improper commercial canning or unsafe treatment of sausages?~~

a.	Botulism	b.	Listeria	c.	E. coli	d.	Staphylococcus
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~~40. Simple one-celled organisms that are most responsible for causing disease _____.~~

a.	bacteria	b.	viruses	c.	fungi	d.	protozoa
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Answer Section

1. B
2. A
3. D
4. D
- ~~5. B~~
6. C
- ~~7. B~~
8. A
- ~~9. C~~
10. B
- ~~11. B~~
12. C
- ~~13. B~~
14. B
- ~~15. C~~
- ~~16. B~~
17. A
18. B
19. A
20. A
21. B
22. A
23. B
24. C
- ~~25. C~~
26. A
27. B
- ~~28. C~~
29. A
30. D
31. B
32. D
- ~~33. C~~
34. D
35. B
36. A
- ~~37. B~~
38. D
- ~~39. A~~
40. A