

EXC233
Practice Final-Winter 2014

Multiple Choice

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

1. Which term describes an individual's need to constantly take a drug?

a.	Tolerance	b.	Craving	c.	Psychoactivity	d.	Intoxication
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2. Which of the following types of cancer starts in the epithelial linings of the body?

a.	Carcinomas	b.	Sarcomas	c.	Leukemias	d.	Lymphomas
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3. ~~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.

4. 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.	c.	Compulsive behaviour
b.	Cognitive confusion	d.	Addiction

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

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

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

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

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

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.

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

a.	pelvic inflammatory disease	c.	gonorrhoea
b.	toxic shock syndrome	d.	syphilis

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. 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.

11. The organs of one donor can be transplanted _____.

a.	into only one individual
b.	only into one's identical twin

c.	into as many as eight different individuals
d.	into a close family member on a waiting list for a kidney donation

12. Why is there concern about the presence 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.

13. ~~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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14. ~~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

15. 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.

16. What is the success rate of infertility treatments, generally?

a.	The majority of treatments results in a successful pregnancy.
b.	The success rate in women over age 42 is similar to that for women under 35.
c.	The rate increases with the age of the male, due to greater numbers of sperm.
d.	Less than half of the attempts result in successful pregnancy.

17. 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

18. A screening test to detect prostate cancer that measures protein levels is called:

a.	PTA	b.	BRCA 1	c.	NIH	d.	PSA
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19. A good emergency plan will cover _____.

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

20. Which of the following can be said to be most related to the development of Alzheimer disease?

a.	An abnormality on one specific gene.	c.	There may be multiple genes involved.
b.	Poor diet during childhood.	d.	Using aluminum pots for cooking.

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

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.

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

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.

23. The problems of drug misuse and abuse primarily occur

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

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

a.	HIV	b.	herpes simplex	c.	gonorrhea	d.	chlamydia
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25. The test done on the potential recipient to determine whether or not donated tissue is compatible is called _____.

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

26. 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

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

a.	Listeria	b.	E. coli	c.	Hepatitis A	d.	Salmonella
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28. Antioxidants help prevent damage to our cells caused by oxygen molecules that are formed by normal metabolic processes. Those damaging molecules are also known as:

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

29. How often should you practice your emergency plan?

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

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

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

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

a.	vector	b.	host	c.	pathogen	d.	macrobe
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32. What is the main source of the debris found in the gyre?

a.	Ocean-going cruise ships.	c.	Discarded fishermen's nets.
b.	Container ship merchandise.	d.	Streets and rivers on land.

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

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

~~34. Which of the following is generally true about bacteria?~~

a.	Bacteria multiply and grow faster in warm environments.
b.	All types of bacteria can give people food poisoning.
c.	By freezing food you can kill bacteria.
d.	Bacteria need air to survive.

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

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

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

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.

37. ~~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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38. ~~Simple one-celled organisms that are most responsible for causing disease~~_____.

a.	bacteria	b.	viruses	c.	fungi	d.	protozoa
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39. An important step in the drug treatment process is the individual's

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

40. All of the following are true statements concerning the treatment of bacteria EXCEPT:

a.	Antibiotics work only against specific types of bacteria.
b.	Antibiotics are the most effective treatment for bacterial infection.
c.	Some bacterial infections have become treatment resistant.
d.	Antiviral drugs may be used to treat bacterial infections.

41. How is cocaine correctly classified?

a.	Stimulant	b.	Depressant	c.	Hallucinogen	d.	Sedative
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42. 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.

43. 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.

44. Tumours in which the cells are rapidly dividing are called_____.

a.	benign	b.	malignant	c.	neoplastic	d.	oncogenes
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45. 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.	c.	Twin of the same sex as the recipient.
b.	Any brother or sister who is older.	d.	Twin sister.

46. 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

47. 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.

~~48. 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.~~

Answer Section

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|----------------|--------------|----|---|
| 1. | | 1. | B |
| 2. | A | | |
| 3. | B | | |
| 4. | D | | |
| 5. | A | | |
| 6. | D | | |
| 7. | E | | |
| 8. | E | | |
| 9. | E | | |
| 10. | B | | |
| 11. | C | | |
| 12. | A | | |
| 13. | B | | |
| 14. | B | | |
| 15. | A | | |
| 16. | D | | |
| 17. | D | | |
| 18. | D | | |
| 19. | B | | |
| 20. | C | | |
| 21. | B | | |
| 22. | B | | |
| 23. | B | | |
| 24. | B | | |
| 25. | C | | |
| 26. | B | | |
| 27. | B | | |
| 28. | A | | |
| 29. | A | | |
| 30. | C | | |
| 31. | D | | |
| 32. | D | | |
| 33. | A | | |
| 34. | A | | |
| 35. | B | | |
| 36. | B | | |
| 37. | A | | |
| 38. | A | | |
| 39. | D | | |
| 40. | D | | |
| 41. | A | | |
| 42. | D | | |
| 43. | D | | |
| 44. | B | | |
| 45. | C | | |
| 46. | B | | |
| 47. | A | | |
| 48. | E | | |