PRINCE EDWARD ISLAND BIOLOGY 11 · UNIT E

Diseases and Disorders — Practice Test

Prince Edward Island Biology 11 • 25 questions

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **A condition affects 1 person in every 200 people. In a population of 10000 people, about how many people are affected**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A prevention program reduces 1000 cases of a disease by 20 percent. How many cases are prevented**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **Body mass index equals mass in kilograms divided by height in metres squared. For a person with mass 72 kilograms and height 1.5 metres, what is the body mass index**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **In a town of 10000 people, 5 percent have asthma. How many people in the town have asthma**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A balanced diet low in saturated fat helps reduce the risk of**

A asthma attacks only

B diabetes type 1

C allergies

D heart disease

Understand It with Pulse | Flag a mistake

6 **A common trigger for asthma symptoms is**

A high blood sugar

B low iron

C dehydration only

D dust or pollen in the air

Understand It with Pulse | Flag a mistake

7 **A disorder present from birth is described as**

A congenital

B infectious

C acquired

D contagious

Understand It with Pulse | Flag a mistake

8 **A healthy lifestyle for disease prevention includes regular exercise, a balanced diet, and**

A more salt

B less sleep

C more alcohol

D not smoking

Understand It with Pulse | Flag a mistake

9 **A pathogen is a microorganism that can cause**

A immunity

B digestion

C growth

D disease

Understand It with Pulse | Flag a mistake

10 **A risk factor for heart disease that a person can change is**

A age

B smoking

C family history

D sex

Understand It with Pulse | Flag a mistake

11 **A stroke occurs when blood supply to part of the**

A heart only

B brain is interrupted

C lung only

D kidney only

Understand It with Pulse | Flag a mistake

12 **An infectious disease can spread from person to person, while a non infectious disease**

A always spreads

B cannot spread that way

C is always genetic

D is always fatal

Understand It with Pulse | Flag a mistake

13 **Antibiotics are effective against**

A bacterial infections

B viral infections

C all diseases

D genetic disorders

Understand It with Pulse | Flag a mistake

14 **Asthma is a disorder that narrows the**

A blood vessels

B intestines

C airways

D kidneys

Understand It with Pulse | Flag a mistake

15 **Cancer involves cells that**

A stop dividing

B die normally

C divide without normal control

D become neurons

Understand It with Pulse | Flag a mistake

16 **Coronary heart disease involves narrowing of the arteries that supply the**

A heart muscle

B brain only

C lungs only

D kidneys only

Understand It with Pulse | Flag a mistake

17 **Early detection of a disease often improves the chance of**

A no treatment

B spread

C successful treatment

D immunity

Understand It with Pulse | Flag a mistake

18 **High blood pressure is a risk factor for**

A stroke and heart disease

B asthma only

C diabetes type 1 only

D allergies

Understand It with Pulse | Flag a mistake

19 **A condition affects 1 person in every 200 people. In a population of 20000 people, about how many people are affected**

ANSWER _____

Understand It with Pulse | Flag a mistake

20 **A prevention program reduces 2000 cases of a disease by 25 percent. How many cases are prevented**

ANSWER _____

Understand It with Pulse | Flag a mistake

21 **Body mass index equals mass in kilograms divided by height in metres squared. For a person with mass 54 kilograms and height 1.5 metres, what is the body mass index**

ANSWER

Understand It with Pulse | Flag a mistake

22 **In a town of 20000 people, 4 percent have asthma. How many people in the town have asthma**

ANSWER

Understand It with Pulse | Flag a mistake

23 **A condition affects 1 person in every 100 people. In a population of 5000 people, about how many people are affected**

ANSWER

Understand It with Pulse | Flag a mistake

24 **A prevention program reduces 500 cases of a disease by 40 percent. How many cases are prevented**

ANSWER

Understand It with Pulse | Flag a mistake

25

Body mass index equals mass in kilograms divided by height in metres squared. For a person with mass 90 kilograms and height 1.5 metres, what is the body mass index

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	50	**10.**	B	**19.**	100
2.	200	**11.**	B	**20.**	500
3.	32.00	**12.**	B	**21.**	24.00
4.	500	**13.**	A	**22.**	800
5.	D	**14.**	C	**23.**	50
6.	D	**15.**	C	**24.**	200
7.	A	**16.**	A	**25.**	40.00
8.	D	**17.**	C		
9.	D	**18.**	A		

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