OMB control #0925-xxxx Expiration Date: mm/dd/yyyy

Pre Test

# **Burden Disclosure Statement for References**

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# Instructions (PRE-TEST):

The purpose of this questionnaire is to get some information about your knowledge, attitudes, and behaviors related to alcohol, alcohol use, driving under the influence of alcohol, and alcohol awareness education programs. It should take about 25 minutes to complete. <u>PLEASE CIRCLE ONLY ONE ANSWER FOR EACH QUESTION</u>, UNLESS THE QUESTION SAYS OTHERWISE. Please answer each question as best and as honestly as you can. Your responses are confidential, and your name will not be matched with your responses. Thank you for your time and participation in this important evaluation. **BIOGRAPHICAL INFORMATION** 

YOUR DATE OF BIRTH:	•• <i> </i> •• <i> </i> ••
LAST 4 DIGITS OF YOUR	<b>Month day year</b> PHONE NUMBER
**If no home phone numbe	r, please use locker number.
1. YOUR GRADE:	А. 10 <sup>тн</sup> В. 11 <sup>тн</sup>
2. YOUR GENDER:	A. Male B. Female
3. RACE/ETHNICITY:	<ul> <li>A. American Indian or Alaska Native</li> <li>B. Asian</li> <li>C. Black or African American</li> <li>D. Native Hawaiian or Other Pacific Islander</li> <li>F. White</li> <li>G. Caribbean Native</li> <li>Ethnicity:</li> <li>H. Hispanic or Latino</li> <li>I. Not Hispanic or Latino</li> </ul>

<u>Knowledge Questions</u> Match the various parts of the brain are responsible for the various function:

1. Cerebral Co 2. Amygdala 3. Brain stem 4. Cerebellum	rtex	<ul><li>A. Balance</li><li>B. Breathing</li><li>C. Fear</li><li>D. Higher lear</li></ul>	ning			
5. Neurons are the net A Heart	work of specializ B Lungs	ed cells within tl C Brain	ne	D Kidney		
	6. The synapse is the space between two:					
A Adjacent heart beats	B Adjacent neu	irons Adj	C acent lungs	D Adjacent bloo	d vessels	
8. An example of a neu A Dopamine	rotransmitter is: B ADH	C Steroio	ds	D TCH		
9. The organs of the b A	ody receive blood B	С		D		
Arteries	Nerves	Veins		Airways		
10. The organ responsi			ody is:	5		
A Heart	B Lung	C Brain		D Kidney		
11. Cocaine stimulates A	the release of w B	/hat brain chemi C	cal (neurotransm	nitter) D		
Oxygen	Adrenaline	Dopan	nine	Carbon		
<ul> <li>12. The way that cocaine causes stimulation is:</li> <li>A. Large amounts of dopamine leak out of the bloodstream</li> <li>B. Brain cells(neurons) absorb the excess dopamine, which causes the neurons to be re-stimulated</li> <li>C. It sends excessive amounts of oxygen into the blood stream</li> <li>D. It restricts the amount of dopamine leaked out into the bloodstream</li> </ul>						
<ul> <li>13. The "low" of cocaine is caused by:</li> <li>A. Lowered dopamine stores in the brain</li> <li>B. Lowered dopamine stores in the heart</li> <li>C. Lowered dopamine stores in the lung</li> <li>D. Lowered dopamine stores in the kidney</li> </ul>						
14. Cocaine's stimular A	t effect on the brack	ain can lead to:	С		D	
Seizures	Muscle pain		Trouble breath	ing	Double vision	
<ul><li>15. A stroke can occur in a cocaine user when:</li><li>A. Blood vessels in the heart expand</li><li>B. Blood vessels in the brain constrict, causing decreased blood flow to a portion of the brain</li><li>C. Too much oxygen is released into the bloodstream</li></ul>						

D. Too much alcohol is released in the bloodstream

	e the following symptom:		_	
A Nosebleed	B Itchy rash	C Hair Loss	D Yellow Skin	
17. Cocaine causes ad A D Slowing of the heart rat oxygen in the bloodstre			C egular heart beating	Decreased
18. Cocaine can cause	e a heart attack by: d vessel within the heart vessel within the heart essels in the kidney			
<ul><li>A. Causing the airway</li><li>B. Causing the heart to</li><li>C. The lungs becomin</li></ul>	0			
<ul><li>A. A rapid rise in blood</li><li>B. A rapid decrease in</li><li>C. A rapid increase of</li></ul>	brain after taking cocain d pressure causing blood blood pressure oxygen levels in the bloo the brain and breaking c	l vessels in the bra	in to burst	
<ul><li>21. Cocaine can cause</li><li>A. Oversized baby</li><li>B. Bleeding</li><li>C. Too much oxygen f</li><li>D. Excess weight gain</li></ul>		roblems pregnanc	y:	
22.Marijuana exerts its A. Dissolving cannabo B. Binding to cannabo C. Multiplying cannabo D. Dissolving opium re	id receptors bid receptors			
<ul><li>23. THC,the active con</li><li>A. A liquid</li><li>B. A molecule</li><li>C. A protein</li><li>D. An acid</li></ul>	nponent in marijuana is :			
<ul><li>24. Which areas of the</li><li>A. Cerebellum(balance</li><li>B. Gyri</li><li>C. Spinal Cord</li></ul>	brain contain large amoi e center)	unts of cannaboid	receptors?	

## D. Brain stem

- 25. Marijuana can effect the eyes by:
- A. Causing blindness
- B. Causing redness
- C. Improving vision
- D. Causing eye pain

26. Smoking marijuana can increase risk of heart attack by:

- A. Lowering heart rate and blood pressure
- B. Increasing heart rate and blood pressure
- C. Increasing oxygen in blood
- D. Increasing alcohol levels in blood
- 27. Which of the following are increased with marijuana use:
- A. Stomach ulcers
- B. Rashes
- C. Lung tumors(cancer)
- D. Excess oxygen in the lungs
- 28. Lung effects of marijuana use include:
- A. Increased breathing rate
- B. Increased cough, phlegm and lung infections
- C. Increased oxygen in the lungs
- D. Decreased number of lung infections

29. Marijuana weakens the immune system by:

- A. Raising the body's temperature
- B. Decreasing the number of cells that fight infection
- C. Increasing the number of cells that fight infection
- D. Lowering the body's temperature

# Drug use attitudinal questions

30.	I believe using drugs is A	harmful to my B	r <b>health</b> C	D	E		
	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree		
31.	I believe that drug use A	can have a neg B	ative <b>impact on s</b> C	chool perform	nance. E		
	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree		
32.	32. I would be <b>comfortable refusing drugs</b> if they were offered to me.						
	A Strongly Agree	B Agree	Neutral	D Disagree	E Strongly Disagree		
	Strongly Agree	Agree	Neutrai	Disagree	Strongly Disagree		
33.	33. I believe that drug use can have a negative impact on personal relationships.						
	A	В	C	U	E		

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
34. I	l believe that <b>using dru</b> A	<b>ugs</b> is okay eve B	ry once and awhile C	e. D	E
	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
35. I	I believe that using drug	gs with friends i	s a <b>good way to s</b>	socialize on th	e week-ends.
	А	В	С	D	E
	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
36. I	I believe that <b>using dru</b>	<b>ugs</b> is part of gr	owing up.		
	А	В	С	D	E
	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
<u>Scier</u>	nce Attitudinal Question	<u>ns</u>			
37. I	enjoy science classes				
	А	В	С	D	E
	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
38. I	would like to continue	to take science	classes after this y	year	
	A	В	С	D	E
	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
39. I	l would like to study sci A	ence after I gra B	duate from high so C	chool D	E
	Strongly Agree	_	-	_	_ Strongly Disagree
		.9.00		2.0009.000	e
40. I	In the future, I would lik A	e to have a job B	that involves some C	e type of scienc D	ce (ex. Nurse, XXX) E
	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
41. \$	Science classes are fu A	n B	С	D	E
	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
42. I	I like the activities we d	o in science cla	SS		
	A	В	С	D	E
	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree

43. Science classes are A	interactive B	С	D	E
Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
44. I see the benefit of s A	tudying science B	e C	D	E
Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
45. I understand how sc A	ience is a part o B	of everyday life and t C	he activities I p D	participate in E
Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
46. I enjoy learning on tl A	ne computer B	С	D	E
Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
47. I like using compute A	rs in school B	С	D	E
Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
48. I believe that compu A	ters can be goc B	d educational tools C	D	E
Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
49. Sometimes I get cor A	ifused when usi B	ng a computer C	D	E
Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
50. Using a computer ba	ased education B	is fun C	D	E
Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree

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### Post Test

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<u>Knowledge Questions</u> Match the various parts of the brain that are responsible for the various function:

1. Cerebral Co 2. Amygdala 3. Brain stem 4. Cerebellum	rtex	A. Baland B. Breath C. Fear D. Highe	ning	
5. Neurons are the net		-		D
A Heart	B Lungs	C B	, Irain	D Kidney
6. The synapse is the s		0:	0	5
A Adjacent heart beats	B Adjacent neu	rons	C Adjacent lungs	D Adjacent blood vessels
8. An example of a neu				
A Dopamine	B ADH	S	C steroids	D TCH
9. The organs of the b	odv receive blood	from the:		
A	В		С	D
Arteries	Nerves	v	'eins	Airways
10. The organ responsi	ble for drawing o	xygen into	the body is:	
A	В		C	D
Heart	Lung	В	brain	Kidney
11. Cocaine stimulates A	the release of w B	hat brain c	chemical (neurotransm C	nitter) D
Oxygen	Adrenaline	D	opamine	Carbon
<ul><li>12. The way that cocaine causes stimulation is:</li><li>A. Large amounts of dopamine leak out of the bloodstream</li><li>B. Brain cells(neurons) absorb the excess dopamine, which causes the neurons to be re-stimulated</li><li>C. It sends excessive amounts of oxygen into the blood stream</li><li>D. It restricts the amount of dopamine leaked out into the bloodstream</li></ul>				
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14. Cocaine's stimulan	t effect on the bra	ain can lea	ad to:	5

А	В	С	D
Seizures	Muscle pain	Trouble breathing	Double vision

- 15. A stroke can occur in a cocaine user when:
- A. Blood vessels in the heart expand
- B. Blood vessels in the brain constrict, causing decreased blood flow to a portion of the brain
- C. Too much oxygen is released into the bloodstream
- D. Too much alcohol is released in the bloodstream
- 16. Cocaine can cause the following symptom:

А	В	С	D
Nosebleed	Itchy rash	Hair Loss	Yellow Skin

17. Cocaine causes adrenaline release leading to:

D

А

В

Slowing of the heart rate Memory loss Rapid and irregular heart beating Decreased oxygen in the bloodstream

С

- 18. Cocaine can cause a heart attack by:
- A. Constricting a blood vessel within the heart
- B. Expanding a blood vessel within the heart
- C. Expanding blood vessels in the kidney
- D. Causing the lungs to collapse
- 19. Respiratory problems can result from smoking cocaine by:
- A. Causing the airways of the lungs to widen
- B. Causing the heart to slow down
- C. The lungs becoming overfilled with oxygen
- D. Causing the airways of the lungs to squeeze closed
- 20. Bleeding within the brain after taking cocaine can be caused by
- A. A rapid rise in blood pressure causing blood vessels in the brain to burst
- B. A rapid decrease in blood pressure
- C. A rapid increase of oxygen levels in the blood
- D. Dopamine entering the brain and breaking down blood vessels
- 21. Cocaine can cause which of the following problems pregnancy:
- A. Oversized baby
- B. Bleeding
- C. Too much oxygen for the baby
- D. Excess weight gain in mother
- 22.Marijuana exerts its effects on the brain by:
- A. Dissolving cannaboid receptors
- B. Binding to cannaboid receptors
- C. Multiplying cannaboid receptors
- D. Dissolving opium receptors
- 23. THC, the active component in marijuana is :
- A. A liquid
- B. A molecule
- C. A protein
- D. An acid

24. Which areas of the brain contain large amounts of cannaboid receptors?

- A. Cerebellum(balance center)
- B. Gyri
- C. Spinal Cord
- D. Brain stem
- 25. Marijuana can effect the eyes by:
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- B. Causing redness
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	A	В	С	D	E			
	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree			
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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree			
32.	32. I would be <b>comfortable refusing drugs</b> if they were offered to me.							
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33.	<ul> <li>33. I believe that drug use can have a negative impact on personal relationships.</li> <li>A B C D E</li> </ul>					
	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	
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	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	
35.	I believe that using dru	igs with friends	is a good way to	socialize on th	ne week-ends.	
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36.	I believe that <b>using dr</b>	<b>ugs</b> is part of g	prowing up.			
	А	В	С	D	E	
	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	
<u>Sci</u>	ence Attitudinal Questio	ons				
37.	I enjoy science classes		_	_		
	A	В	С	D	E	
	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	
38.	I would like to continue A	to take science B	e classes after this C	year D	E	
	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	
39.	I would like to study so	ience after I gra B	aduate from high s C	school D	E	
	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	
40.	In the future, I would lil A	ke to have a jol B	o that involves son C	ne type of scien	ce (ex. Nurse, XXX) E	
			Neutral	Disagree	∟ Strongly Disagree	
	Strongly Agree	Agree	Neuliai	Disayiee	Strongly Disagree	
41.	Science classes are fu A	in B	С	D	E	
	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	
42.	I like the activities we d	_		_	_	
	A	В	С	D	E	
	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	

43. Science classes are A	interactive B	С	D	E
Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
44. I see the benefit of s A	tudying science B	C	D	E
Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
45. I understand how science is a part of everyday life and the activities I participate in A B C D E				
Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
46. I enjoy learning on th A	ne computer B	С	D	E
Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
47. I like using computer A	rs in school B	С	D	E
Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
48. I believe that computers can be good educational tools A B C D E				
Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
49. Sometimes I get confused when using a computer A B C D E				
Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
50. Using a computer based education is fun A B C D E				
Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree