Intermediate Science 7

Unit 1: Interactions In An Ecosystem

STSE: The Two Inch Forest

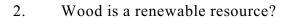


Student Name	

PART A: MULTIPLE CHOICE

Instructions: Shade the letter of the correct answer on the computer scorable answer sheet provided

- 1. What can you do with wood?
 - I Burn it
 - II Bend it
 - III Cut it,
 - IV Carve it,
 - V Paint it
 - (A) I and II
 - (B) I, II and III
 - (C) I, II, III and IV
 - (D) I, II, III, IV and V



- (A) True
- (B) False
- 3. How many communities in Newfoundland and Labrador depend on the forest?
 - (A) None
 - (B) 20
 - (C) 80
 - (D) More than 80
- 4. How much money does the forest industry generate for Newfoundland and Labrador?
 - (A) 2 million
 - (B) 8 million
 - (C) 80 million
 - (D) 800 million
- 5. What is the wood in this province used to manufacture?
 - I Lumber
 - II Newsprint
 - III Moldings
 - IV Furniture and cupboards
 - V Flooring
 - (A) I and II
 - (B) I, II and III
 - (C) I, II, III and IV
 - (D) I, II, III, IV and V



6.	Whic	h biome does our forest belong to?		
	(A)	Arctic		
	(B)			
	` '	Grasslands		
	(D)	Ocean		
7. What is the most common type of tree in Newfoundla		is the most common type of tree in Newfoundland and Labrador?		
	(A)	Birch		
	(B)	Black Spruce		
	(C)	Fir		
	(D)	Mountain Ash		
8.	What	What is the most common type of tree in Labrador?		
	(A)	Birch		
	(B)	-		
	(C)	Fir		
	(D)	Mountain Ash		
9. What are some interesting feature(s) of a		are some interesting feature(s) of a Black Spruce?		
	I	It can grow in wet and dry climates		
	II	Very tolerant of unfavourable soil types		
	III	Its cones pop open when heated		
	(A)	I		
	(B)	I and II		
	(C)	II and III		
	(D)	I, II and III		
10.	Acco	According to the article, Balsam Fir can grow up to 4m in 70 years?		
	(A)	True		
	(B)	False		
11. Which of the following is a dec		h of the following is a deciduous tree?		
	(A)	Balsam Fir		
	(B)	Birch		
	(C)	Black Spruce		
	(D)	None are correct		
12. Deciduous		duous trees are commonly referred to as hardwood trees:		
	(A)	True		
	(B)	False		
13.	What	What must be done first before logging can begin in an ecosystem?		
	(A)	Ecosystem Inventory		
	(B)	Hire employees		
	(C)	Road construction		
	(D)	Sharpen saws		

14.	. What is a buffer zone?					
	(A)	A place close to mountains where no cutting can take place				
	(B)	A place close to water resources where no cutting can take place				
	(C)	A place close to parks where no cutting can take place				
	` ′					
	(D)	A place close to a highway where no cutting can take place				
15. According to the article, why are buffer zones		rding to the article, why are buffer zones important?				
	(A)	Protect water resources from erosion				
	(B)	Animals can live there				
	(C)	It protects the trees				
	(D)	•				
16. What specialized mach		specialized machine is used to haul logs once they are havest?				
	(A)	Cranes				
	(B)	Forklift				
	` ′					
	(C)	Skidders				
	(D)	Trucks				
17. What was one of the		was one of the main concerns about harvesting?				
	(A)	The chance of a forest fire				
	(B)	Cutting too many trees				
	(C)	Cutting not enough trees				
	(D)	Damage done my tires				
	(D)	Damage done my thes				
18. What occurs in silviculture?		coccurs in silviculture?				
	I	Remove certain types of trees (older or diseased,etc)				
	II	Replanting trees				
	III	Clear cutting the entire area				
	(A)	I				
	(B)	I and II				
	` ′	II and III				
	(C)					
	(D)	I, II and III				
19.	Whic	Which of the following describes the practice of removing the forest with no				
	intention of regenerating the trees on that area?					
	(A)	Buffer Zone				
	(B)	Deforestation				
	(C)	Clear Cutting				
	(D)	Silviculture				
20 .	What does clear cutting mimic?					
	I.	Forest Fire				
	II.	Earthquake				
	III.	Insect Infestation				
		T				
	(A)	I				
	(B)	I and II				
	(C)	I and III				
	(D)	I, II and III				

	(A) (B)	True False	
PART	ΓВ: Ν	MATCHING	
Fill in scantr		anks on the left wi	ith the terms on the right. Please, place your answers on the
22		Buffer Zone	A. A region closed to a water resource where trees can not be harvest.
23		Clear Cutting	B. Practice of removing the forest with the intention of regenerating the trees.
24		Deforestation	C. Is specialized work occurs during harvesting.
25		_Silviculture	D. Practice of removing the forest with no intention of regenerating the trees.
PAR	Г II: V	VRITTEN RES	PONSE
1.	How is a Black Spruce different from a Balsam Fir?		
2.	Why	does Black Spru	ace dominate in previously burned areas?
3.	What information is provided in an ecosystem inventory		
4.	(A)	What is a buff	er zone
	(B)	What is the pu	arpose of a buffer zone

21. Clear cutting is the same as deforestation?

5.	(A)	What is clear cutting?		
	(B) How is clear cutting different than deforestation?			
	(C)	What are the advantages/disadvantages of clear cutting a section		
		ADVANTAGES	DISADVANTAGES	
Ц				