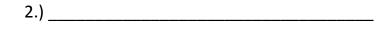
Glorious Glaciers

Name these Glacial Features







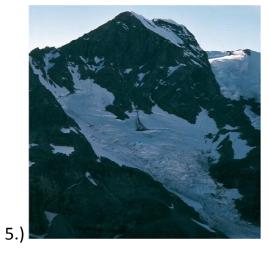


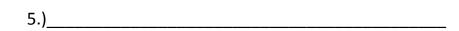






Name these types of Glaciers







6.)







8.) _____

9.)	The terminus marks the farthest extent of a glacier.
10.)	An arête is a bow or amphitheater shape in a glacier.
11.)	CO2 levels are higher during glacial episodes.
12.)	Methane Hydrate breaks down into H20.
13.)	Glaciers exist on every continent.
14.)	The Great Lakes were created by glaciation.
15.)	Calving is a process that creates icebergs.
16.)	Glacier National Park is in Alaska
17.)	Alaska has 100 glaciers.
18.)	75% of the world's glaciers are retreating.
19.)	A glacier can move forward and retreat at the same time.
20.) ice on glacio	<i>Ogives</i> are alternating wave crests and valleys that appear as dark and light bands of er surfaces.
21.)	A drumlin field east of Rochester, New York is estimated to contain about 100

22.) Give a general definition of the milankovitch cycles.
23.) List them
24.) Identify and describe two factors that affect the speed of alpine glaciers movement.
25.) What is plastic flow?
26.) What is basal sliding?

Short Answer

Match the term with its definition									
A . Stratugi	B. Th	ermokarst	C. Loess	D .Cryoconit	tes E. Ka	itabatic	F .Diag	genic Mounds	
G. Hoarfros	st	H . Palsa	I. Furrow	J. Ablation	K. Bergsch	rund	L . Bergy	y Seltzer	
M. Rock Flo	our	N. Proglaci	al O. Av	valanche	P. Varve	Q. Pit I	Pond	R . Gendarmes	5
			ves occurring	g in polar and —	subpolar cl	imates, w	hich co	ontain	
· · · · · ·				ne melting of sediment		e floated	to its o	depositional sit	e
29.) Snow [Dune _								
30.) Ice tow	vers su	ch as seracs	and penitant	es					
31.) Can giv	e outv	vash streams	s a milky app	earance					
32.) A land surface characterized by very irregular surfaces of marshy hollows and small hummocks formed as ice-rich permafrost thaws							.S		
33.) Conica	l shape	es up to two	meters high	covered with	rock mater	ial	_		
34.) The area in front of, or just at the outer edge of a glacier									
35.) Meltinį	g								
36.) A clasti blown dust	=	=	ilt-sized sedi	ment, which i	s formed by	the accu	ımulati	on of wind-	
37.) The sou			bbles formed	d at many atn	nospheres c	of pressur	e are re	eleased during	
38.) Powde	ry wind	dblown dust	made of a co	ombination o	f small rock	particles,	, soot a	nd microbes	
39.) Also ca	ılled ra	diation frost	or pruina						
40.) Long gı	rooves	in subglacia	l till or paven	nent gouged	by englacial	debris _			
41.) A wind gravity		arries high d	ensity air fro	m a higher el	evation dov	vn a slope	e under	the force of	
42.) Water	and de	bris fall into	this crack in	the ice					

43.) Rapid flow of snow down a slope _____

44.) Distinctive features of glacial lacustrine environments _____

Match the glacial features with the type that forms them, and write out whether they are erosional or depositional features.

A. Continental B. Valley C. Both

45.) Drumlin

46.) Arêtes

47.) Eskers

49.) Erratic

50.) Tarns

52.) Striations

53.) Kames

54.) Horns

56.) Moraines

57.) Cirques

59.) Fjords

60.) Crags

58.) Tunnel Valleys

61.) Hanging Valley

62.) Glacial Troughs

63.) Outwash Fans

48.) Paternoster Lakes

51.) Truncated Spurs

55.) Roche Moutonnees

Multiple Choice

64.) Glacier ice forms by a. burial and metamorphism b. melting and refreezing c. erosion and deposition d. precipitation and melting
65.) How many distinct glaciations affected North America during the Pleistocene?
a. Oneb. Twoc. Threed. Four
66.) At present, what percentage of Earth's land surface is covered by glaciers?a. 10b. 70c. 50d. 1
67.) What direction do glaciers move?a. Upwardsb. Downwardsc. Sidewaysd. None of these
 68.) To be considered a continental glacier it has to occupy how many square miles? a. 10 b. 1000 c. 100,000 d. 1,000,000

- 69.) Which ice sheet did not cover North America during the last ice age?
 - a. Laurentide
 - b. Cordilleran
 - c. Patagonian
 - d. Greenland

a. Conglomerateb. Pegmatitec. Phyllited. Tillite	
71.) The last ice age ended approximately how many years ago?	
a. 100,000 b. 70,000 c. 500,000 d. 10,000	
72.) Which sea froze over during the little ice age?	
a. Red Seab. Dead Seac. Baltic Sead. Mediterranean Sea	
73.) Kettle ponds would be mostly found in which of the following states?	
a. Connecticutb. Georgiac. Kentuckyd. Nevada	
74.) Large masses of ice that show evidence of movement are called	
a. Icebergsb. Ice cubesc. Glaciersd. None of these	

70.) What rock type is conclusive evidence of past glaciation?

75.) Byrd Glacier	
76.) Malaspina Glacier	
77.) Fox Glacier	
78.) Briksdal Glacier	-
80.) Franz Josef Glacier	-
81.) Vatnajokull Glacier	
82.) Donjek Glacier	
83.) Perito Moreno Glacier	
84.) Columbia Glacier	
85.) Hubbard Glacier	
86.) Siachen Glacier	
87.) Lambert Glacier	

Name the place where these glaciers are found