



Montgomery Academy Geography Dept.



Name: _____

Previous Score: _____/100 **New Score:** _____/100

Ecosystems

Multiple choice knowledge checker

1.	What is an ecosystem?	
<input type="radio"/>	A.	A community of plants and animals sharing an environment with non-living things.
<input type="radio"/>	B.	The flow of energy between living organisms.
<input type="radio"/>	C.	A physical feature of the world.
<input type="radio"/>	D.	The pathways through which nutrients are constantly recycled.

2.	Which of the following statements is true?	
<input type="radio"/>	A.	The term biotic relates to all living organisms within an ecosystem such as plants and animals. Abiotic elements are the non-living features such as soil, rocks and the climate.
<input type="radio"/>	B.	The term abiotic relates to all living organisms within an ecosystem such as plants and animals. Biotic elements are the non-living features such as soil, rocks and the climate.

3.	Which of the following is a characteristic of a producer in an ecosystem?	
<input type="radio"/>	A.	They are herbivores which means they only eat plants.
<input type="radio"/>	B.	They are carnivores.
<input type="radio"/>	C.	They produce their own food through photosynthesis.
<input type="radio"/>	D.	They break down dead plants and animals

4.	Which of the following is a characteristic of a primary consumer in an ecosystem?	
<input type="radio"/>	A.	They are herbivores which means they only eat plants.
<input type="radio"/>	B.	They are carnivores.
<input type="radio"/>	C.	They produce their own food through photosynthesis.
<input type="radio"/>	D.	They break down dead plants and animals

5.	Which of the following is a characteristic of a secondary consumer in an ecosystem?	
<input type="radio"/>	A.	They are herbivores which means they only eat plants.
<input type="radio"/>	B.	They are carnivores.
<input type="radio"/>	C.	They produce their own food through photosynthesis.
<input type="radio"/>	D.	They break down dead plants and animals

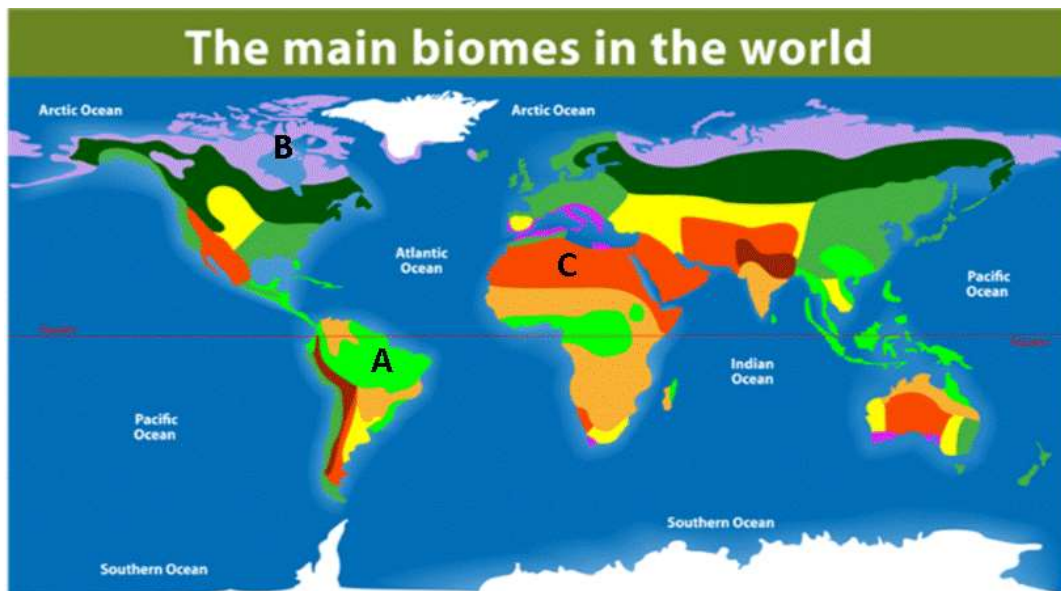
6.	Which of the following is a characteristic of decomposers in an ecosystem?	
<input type="radio"/>	A.	They are herbivores which means they only eat plants.
<input type="radio"/>	B.	They are carnivores.
<input type="radio"/>	C.	They produce their own food through photosynthesis.
<input type="radio"/>	D.	They break down dead plants and animals

7.	True or false? Decomposers are very important for any ecosystem. If they weren't in the ecosystem the plants would not get essential nutrients and dead matter and waste would gather.	
<input type="radio"/>	A.	True
<input type="radio"/>	B.	False

8.	What is a food chain?	
<input type="radio"/>	A.	A community of plants and animals sharing an environment.
<input type="radio"/>	B.	The transfer of nutrients in an ecosystem.
<input type="radio"/>	C.	A global scale ecosystem. Also known as a biome.
<input type="radio"/>	D.	A series of organisms each dependent on the next as a source of food.

9.	True or false? A food web shows lots of food chains and how they overlap	
<input type="radio"/>	A.	True
<input type="radio"/>	B.	False

10.	What is the transfer of nutrients through an ecosystem is known as?	
<input type="radio"/>	A.	Food chain
<input type="radio"/>	B.	Food web
<input type="radio"/>	C.	The nutrient cycle
<input type="radio"/>	D.	A biome



11.	Identify three stores in the nutrient cycle.	
<input type="radio"/>	A.	Air, soil and biomass
<input type="radio"/>	B.	Biomass, abiotic and biotic
<input type="radio"/>	C.	Biomass, litter and soil.
<input type="radio"/>	D.	Litter, soil and air

12.	Which of the following is not an example of a small-scale ecosystem?	
<input type="radio"/>	A.	A hedgerow
<input type="radio"/>	B.	A pond
<input type="radio"/>	C.	A wood
<input type="radio"/>	D.	An area of tropical rainforest

13.	What is a biome?	
<input type="radio"/>	A.	A biome is a very large ecological areas e.g. tropical rainforest.
<input type="radio"/>	B.	A biome is a small-scale ecosystem e.g. pond.
<input type="radio"/>	C.	A biome is a store in the nutrient cycle.
<input type="radio"/>	D.	All of the above

14.	Which of the following is not an example of a biome?	
<input type="radio"/>	A.	Tropical rainforest
<input type="radio"/>	B.	Hot Desert
<input type="radio"/>	C.	Tundra
<input type="radio"/>	D.	Hedgerow

15.	True or false? <i>Biomes</i> contain fauna and flora (animals and plants) that have adapted to the environment.	
<input type="radio"/>	A.	True
<input type="radio"/>	B.	False

16.	Look at the map above. Which answer below correctly identifies three biomes?	
<input type="radio"/>	A.	A = Rainforest, B = Tundra and C = Desert.
<input type="radio"/>	B.	A = Tundra, B = Rainforest and C = Desert.
<input type="radio"/>	C.	A = Desert, B = Tundra and C = Rainforest.
<input type="radio"/>	D.	A = Tundra, B = Desert and C = Rainforest.

17.	Which biome is mainly found between 15° north – 15° south of the Equator?	
<input type="radio"/>	A.	Hot desert
<input type="radio"/>	B.	Tundra
<input type="radio"/>	C.	Tropical rainforest
<input type="radio"/>	D.	Savanna

18.	Which biome is mainly found between 15-30° north and south of the Equator?	
<input type="radio"/>	A.	Hot desert
<input type="radio"/>	B.	Tundra
<input type="radio"/>	C.	Tropical rainforest
<input type="radio"/>	D.	Savanna

19.	Which biome is mainly found in the extreme north?	
<input type="radio"/>	A.	Hot desert
<input type="radio"/>	B.	Tundra
<input type="radio"/>	C.	Tropical rainforest
<input type="radio"/>	D.	Savanna

20.	What is the tropical rainforest?	
<input type="radio"/>	A.	The tropical rainforest is a forest occurring in tropical areas of heavy rainfall.
<input type="radio"/>	B.	The tropical rainforest is a forest occurring in tropical areas of low rainfall.
<input type="radio"/>	C.	The tropical rainforest is a forest occurring along the tropics of Cancer and Capricorn occurring in areas of high rainfall.
<input type="radio"/>	D.	The tropical rainforest is a forest occurring along the tropics of Cancer and Capricorn occurring in areas of low rainfall.

21.	What % of all life forms on our planet are found in tropical rainforests?	
<input type="radio"/>	A.	Less than a 25%
<input type="radio"/>	B.	Between 25% and 50%
<input type="radio"/>	C.	More than 50%

22.	True or false? Rainforests are the most productive and most complex ecosystems on Earth.	
<input type="radio"/>	A.	True
<input type="radio"/>	B.	False

23.	Which of the following best describes climate in the rainforest?	
<input type="radio"/>	A.	Temperature = 8°C Rainfall = 1000mm
<input type="radio"/>	B.	Temperature = 18°C Rainfall = 1500mm
<input type="radio"/>	C.	Temperature = 28°C Rainfall = 2000mm
<input type="radio"/>	D.	Temperature = 38°C Rainfall = 3000mm

24.	Where is the greatest area of tropical rainforest found?	
<input type="radio"/>	A.	Indonesia
<input type="radio"/>	B.	Democratic Republic of Congo
<input type="radio"/>	C.	Peru
<input type="radio"/>	D.	Brazil

25.	Identify the rainforest's main layers.	
<input type="radio"/>	A.	Plant layer, under canopy, canopy and emergent.
<input type="radio"/>	B.	Shrub layer, under shrub layer, canopy and emergent.
<input type="radio"/>	C.	Shrub layer, under canopy, canopy and emergent.
<input type="radio"/>	D.	Ground layer, under canopy, crown layer and emergent.

26.	True or false? Emergents are the tallest trees and are usually under 30 metres tall	
<input type="radio"/>	A.	True
<input type="radio"/>	B.	False
27.	True or false? The canopy contains over 50% of the rainforest wildlife.	
<input type="radio"/>	A.	True
<input type="radio"/>	B.	False

28.	Which type of plant climbs trees to reach sunlight in the canopy?	
<input type="radio"/>	A.	Epiphytes
<input type="radio"/>	B.	Lianas
<input type="radio"/>	C.	Air plants
<input type="radio"/>	D.	Sun plants

29.	Name an organism that grows on the surface of a plant and gets its moisture and nutrients from the air, rain, water or from debris gathering around it.	
<input type="radio"/>	A.	Epiphytes
<input type="radio"/>	B.	Lianas
<input type="radio"/>	C.	Rain plants
<input type="radio"/>	D.	Sun plants

30.	Why do tree trunks in the under canopy have thin or no bark?	
<input type="radio"/>	A.	To allow animals to climb them.
<input type="radio"/>	B.	No need to protect them from the cold or prevent water loss
<input type="radio"/>	C.	To make them easier to cut down
<input type="radio"/>	D.	To discourage humans from climbing the tree.

31.	Which rainforest layer is being described below?	
	It contains shrubs and ferns and other plants needing less light. Saplings of emergents and canopy trees can also be found here.	
	<input type="radio"/>	A. Shrub layer
	<input type="radio"/>	B. Under canopy
	<input type="radio"/>	C. Canopy
<input type="radio"/>	D. Emergent	

32.	What is the layer of rotting leaves and dead animals on the forest floor called?	
	<input type="radio"/>	A. Rubbish
	<input type="radio"/>	B. Litter
	<input type="radio"/>	C. Decaying
	<input type="radio"/>	D. Rotting

33.	True or false? Below the rich top soil, the soil lacks nutrients. This is because nutrients are rapidly absorbed by vegetation.	
	<input type="radio"/>	A. True
	<input type="radio"/>	B. False

34.	Which of the following is not a way vegetation has adapted to the rainforest environment?	
	<input type="radio"/>	A. Buttress roots
	<input type="radio"/>	B. Waxy leaves
	<input type="radio"/>	C. Rough bark
	<input type="radio"/>	D. Drip tips

35.	Why have plants developed a waxy surface and drip tips?	
	<input type="radio"/>	A. The weight of water doesn't damage the plant, and so there's standing water for fungi and bacteria to grow in.
	<input type="radio"/>	B. The weight of water damages the plant, and there's standing water for fungi and bacteria to grow in.
	<input type="radio"/>	C. The weight of water doesn't damage the plant, and there's no standing water for fungi and bacteria to grow in.
	<input type="radio"/>	D. To reduce the risk of flooding in the tropical rainforest.

36.	Why are some leaf stems flexible?	
	<input type="radio"/>	A. To allow leaves to move with the sun to maximise photosynthesis.
	<input type="radio"/>	B. To enable plants to disrupt the movement of termites.
	<input type="radio"/>	C. To allow leaves to avoid heavy rainfall.
	<input type="radio"/>	D. To capture more rainfall.

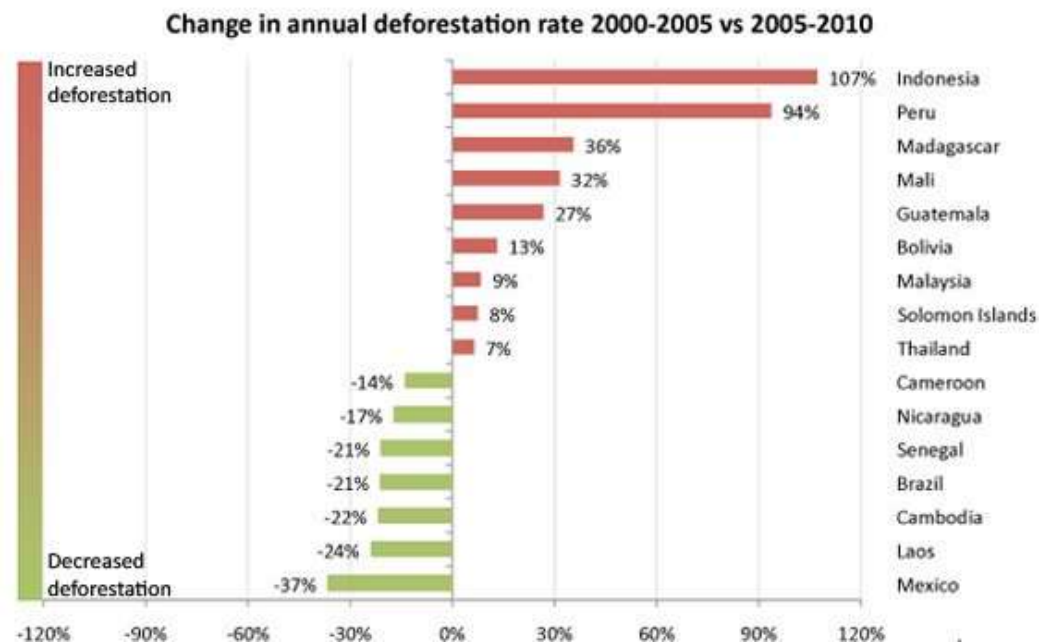
37.	What adaptation has the poison dart frog made to survive in the tropical rainforest?	
	<input type="radio"/>	A. Green colour to camouflage
	<input type="radio"/>	B. Claws to grip to the waxy surface of leaves.
	<input type="radio"/>	C. Bright colours to warn predators.

38.	Why do sloths have long, sharp claws?	
	<input type="radio"/>	A. To cling onto branches
	<input type="radio"/>	B. To extract prey from tree bark
	<input type="radio"/>	C. To itch themselves due to the large number of termites that bury into their fur.
	<input type="radio"/>	D. To pick their noses.

39.	The spider monkey has developed a prehensile tail. What does this mean?	
	<input type="radio"/>	A. A tail that looks like vegetation to help hide from predators.
	<input type="radio"/>	B. A tail that is a different colour to the rest of the body.
	<input type="radio"/>	C. A tail used to attract mates.
	<input type="radio"/>	D. A tail able to grasp or hold objects

40.	Why have geckos developed large, flattened toe pads that have sticky scales on their undersides?	
	<input type="radio"/>	A. To hold onto prey.
	<input type="radio"/>	B. To help them grip onto the smooth tree trunks.
	<input type="radio"/>	C. To help them swim.
	<input type="radio"/>	D. To easily detach if they are caught by a predator.

Figure 1
Changes in annual deforestation rate 2000-2005 vs 2005-2010



41.	Look at figure 1. Where is the rate of deforestation increasing?
<input type="radio"/>	A. Mexico, Laos and Cambodia
<input type="radio"/>	B. Indonesia, Peru and Brazil
<input type="radio"/>	C. Indonesia, Peru and Madagascar
<input type="radio"/>	D. Thailand, Nicaragua and Senegal

45.	Which of the following is not a type of agriculture affecting tropical rainforests?
<input type="radio"/>	A. Cattle ranching
<input type="radio"/>	B. Palm oil production
<input type="radio"/>	C. Soya production
<input type="radio"/>	D. Hydroponics

42.	Look at figure 1. Where is the rate of deforestation decreasing?
<input type="radio"/>	A. Mexico, Laos and Cambodia
<input type="radio"/>	B. Indonesia, Peru and Brazil
<input type="radio"/>	C. Indonesia, Peru and Madagascar
<input type="radio"/>	D. Thailand, Nicaragua and Senegal

46.	True or false? Deforestation leads to soil erosion.
<input type="radio"/>	A. True
<input type="radio"/>	B. False

43.	Which of the following is not a cause of deforestation in the tropical rainforest?
<input type="radio"/>	A. Cattle ranching
<input type="radio"/>	B. Afforestation
<input type="radio"/>	C. Farming
<input type="radio"/>	D. Road Building

47.	True or false? Deforestation provides a valuable income in many LICs and NEEs.
<input type="radio"/>	A. True
<input type="radio"/>	B. False

44.	Which of the following conditions make the Malaysian rainforest ideal for HEP?
<input type="radio"/>	A. The large number of lakes.
<input type="radio"/>	B. The mountainous environment.
<input type="radio"/>	C. Unlimited supply of water and ideal river conditions
<input type="radio"/>	D. There are few indigenous people living there.

48.	Which of the following is <u>NOT</u> an example of a local impact of deforestation in the tropical rainforest?
<input type="radio"/>	A. Elimination of indigenous groups and their way of life.
<input type="radio"/>	B. Soil erosion
<input type="radio"/>	C. An increase in CO2 levels in the atmosphere.
<input type="radio"/>	D. Destruction of the nutrient cycle.

49.	Which 2 of the following are global impacts of rainforest deforestation?	
<input type="radio"/>	A.	Less medicinal plants
<input type="radio"/>	B.	Local climate change
<input type="radio"/>	C.	Loss of biodiversity
<input type="radio"/>	D.	Mining provides jobs

50.	What does it mean to sustainably manage the tropical rainforest?	
<input type="radio"/>	A.	To use the rainforest in a way that enables local people to benefit from the rainforest today, but ensures the resource is available to future generations.
<input type="radio"/>	B.	To use the rainforest in a way that enables local people to benefit from the rainforest today but will not be available to future generations.
<input type="radio"/>	C.	To use the rainforest in a way that local people will not benefit from today, but ensures the resource is available to future generations.

51.	Which 2 of the following are examples of sustainable management of the rainforest at the local level?	
<input type="radio"/>	A.	Replanting
<input type="radio"/>	B.	Selective logging
<input type="radio"/>	C.	Building dams
<input type="radio"/>	D.	Selling more wood

52.	Which 2 of the following are examples of sustainable management of the rainforest at the international level?	
<input type="radio"/>	A.	Inter-government agreements on hardwoods and endangered species.
<input type="radio"/>	B.	Debt reduction by HICs
<input type="radio"/>	C.	Replanting
<input type="radio"/>	D.	Creating protected areas or reserves.

53.	Which local strategy for managing the tropical rainforest sustainably is described below? Felling trees only when they are fully grown, and letting younger trees mature and continue protecting the ground from erosion.	
<input type="radio"/>	A.	Replanting
<input type="radio"/>	B.	Selective logging
<input type="radio"/>	C.	Agroforestry
<input type="radio"/>	D.	Stopping illegal logging

54.	Which national strategy for managing the tropical rainforest sustainably is described below? Stopping deforestation and development in designated areas of rainforest. This often occurs in areas settled by indigenous people.	
<input type="radio"/>	A.	Creating protected areas or reserves.
<input type="radio"/>	B.	Education
<input type="radio"/>	C.	Stopping the abuse of the rainforest by developers.

55.	Which national strategy for managing the tropical rainforest sustainably is described below? Making subjects such as environmental studies a compulsory part of the school curriculum.	
<input type="radio"/>	A.	Creating protected areas or reserves.
<input type="radio"/>	B.	Education
<input type="radio"/>	C.	Stopping the abuse of the rainforest by developers.

56.	Which international strategy for managing the tropical rainforest sustainably is described below? An agreement to convert debt to a high-income country into a fund to protect large areas of tropical rainforest.	
<input type="radio"/>	A.	Inter-government agreements on hardwoods and endangered species
<input type="radio"/>	B.	Conservation and education by NGOs
<input type="radio"/>	C.	Debt reduction by HICs

57.	Which international strategy for managing the tropical rainforest sustainably is described below?	
	Agreements between governments aimed at protecting the biodiversity and resources of the rainforest.	
	<input type="radio"/>	A. Inter-government agreements on hardwoods and endangered species
	<input type="radio"/>	B. Conservation and education by NGOs
<input type="radio"/>	C. Debt reduction by HICs	

58.	What is the 2006 International Tropical Timber Agreement an example of?	
	<input type="radio"/>	A. Inter-government agreements on hardwoods and endangered species
	<input type="radio"/>	B. Conservation and education by NGOs
	<input type="radio"/>	C. Debt reduction by HICs

59.	Which international approach involves:	
	<ul style="list-style-type: none"> • promoting the conservation message largely through education programmes in schools and colleges • providing training for conservation workers • providing practical help to make programmes more sustainable • buying up threatened areas and create nature reserves. 	
	<input type="radio"/>	A. Inter-government agreements on hardwoods and endangered species
	<input type="radio"/>	B. Conservation and education by NGOs
	<input type="radio"/>	C. Debt reduction by HICs

60.	Which of the following is not a challenge that needs to be overcome to achieve a sustainable balance between protection and development in the tropical rainforest?	
	<input type="radio"/>	A. Some governments are not willing to do anything that risks slowing down the rate of economic development.
	<input type="radio"/>	B. Some governments are unwilling to enforce monitoring laws aimed at protecting the rainforest.
	<input type="radio"/>	C. There is a lot of corruption in the way forests are treated, such as bribes to allow illegal logging.
	<input type="radio"/>	D. Making subjects, such as ecology or environmental studies, a compulsory part of the school curriculum.

Hot Deserts

61.	Where are hot deserts located?	
	<input type="radio"/>	A. Between 20° and 30° north and south of the equator.
	<input type="radio"/>	B. Between 20° north and south of the equator.
	<input type="radio"/>	C. Between 5° north and south of the equator.
	<input type="radio"/>	D. Between 5° and 10° north and south of the equator.

62.	Which of the following characterises the climate in the world's hot desert regions?	
	<input type="radio"/>	A. Hot and dry rising air with less than 250 millimetres of rain annually.
	<input type="radio"/>	B. Hot and dry sinking air less than 250 millimetres of rain annually.
	<input type="radio"/>	C. Hot and wet rising air less than 250 millimetres of rain annually.
	<input type="radio"/>	D. Hot and wet sinking air less than 250 millimetres of rain annually.

63.	Which of the following is not an example of hot desert?	
	<input type="radio"/>	A. Australian
	<input type="radio"/>	B. Thar
	<input type="radio"/>	C. Sahara
	<input type="radio"/>	D. Antarctica

64.	What are areas of land found on the borders of hot deserts known as?	
<input type="radio"/>	A.	Semi-arid
<input type="radio"/>	B.	Semi-horrid
<input type="radio"/>	C.	Semi-fringe
<input type="radio"/>	D.	Semi-detached

65.	What is the diurnal temperature range?	
<input type="radio"/>	A.	The range in temperatures from hottest to coldest in the year
<input type="radio"/>	B.	The amount of rain in the desert
<input type="radio"/>	C.	The change in temperature between the day and night
<input type="radio"/>	D.	The temperature where living things die in the desert

66.	True or false? Some desert soils are potentially very fertile because important nutrients for plant growth, such as calcium, have not been leached away over time.	
<input type="radio"/>	A.	True
<input type="radio"/>	B.	False

67.	What is the collective name given to plants that can survive in very dry conditions?	
<input type="radio"/>	A.	Cacti
<input type="radio"/>	B.	Epiphytes
<input type="radio"/>	C.	Xerofites
<input type="radio"/>	D.	Xerophytes

68.	Which of the following are adaptations made by vegetation to survive the desert environment? (You may choose more than one)	
<input type="radio"/>	A.	They have white upper surfaces to reflect the heat
<input type="radio"/>	B.	Some plants have thick, waxy cuticles to reduce water loss through transpiration.
<input type="radio"/>	C.	Deserts bloom suddenly after rainfall so to complete their life cycle quickly.
<input type="radio"/>	D.	Plants have drip tips so water does not accumulate on leaves.

69.	How have cacti adapted to survive in the desert climate? (You can choose more than one answer).	
<input type="radio"/>	A.	They are succulents, storing water in their tissues.
<input type="radio"/>	B.	Spikes deter consumers.
<input type="radio"/>	C.	Their small, waxy leaves reduce transpiration loss.
<input type="radio"/>	D.	They have short life cycles

70.	How is the Desert Sand Verbena able to survive in the desert ecosystem?	
<input type="radio"/>	A.	It's seeds stay dormant in the soil until the rain comes and has a short life cycle
<input type="radio"/>	B.	It chemically breaks down organic material using organic acids.
<input type="radio"/>	C.	It decomposes organic material.
<input type="radio"/>	D.	It absorbs water from the atmosphere.

71.	What are the desert soils like?	
<input type="radio"/>	A.	Deep and rich in nutrients
<input type="radio"/>	B.	Dry and full of organic matter
<input type="radio"/>	C.	Dry, sandy/stony and salty
<input type="radio"/>	D.	Salty, moist and fertile

72.	Which of the following food chains would not be found in the desert ecosystem?	
<input type="radio"/>	A.	Grass → Kangaroo rat → Coyote
<input type="radio"/>	B.	Cactus → Grasshopper → Roadrunner → Coyote
<input type="radio"/>	C.	Cactus → Grasshopper → Scorpion → Road runner → Coyote
<input type="radio"/>	D.	Cactus → Grasshopper → Spider Monkey → Coyote

73.	Which of the following is not an animal adaptation to the desert ecosystem?	
<input type="radio"/>	A.	Fennec Foxes have thick fur on the soles of their feet, protecting them from the hot ground.
<input type="radio"/>	B.	Fennec Foxes are nocturnal to avoid the daytime temperatures
<input type="radio"/>	C.	Camels have very concentrated urine to avoid water loss
<input type="radio"/>	D.	Camels store water in their humps for long journeys

74.	Which of the following are hot desert development opportunities? (You may choose more than one)	
<input type="radio"/>	A.	Agriculture, providing water can be found for irrigation through aquifers or canals.
<input type="radio"/>	B.	Mineral extraction such as copper, uranium, lead, zinc and coal.
<input type="radio"/>	C.	Energy, such as solar.
<input type="radio"/>	D.	Tourism

75.	Which of the following is <u>NOT</u> a reason for uneven development in the desert ecosystem?	
<input type="radio"/>	A.	It is difficult to adapt to the hot desert environment.
<input type="radio"/>	B.	Desert environments are very inaccessible.
<input type="radio"/>	C.	There is a low population density in deserts.
<input type="radio"/>	D.	Large areas of desert are protected from development.

76.	How have people adapted to the desert environment? (You may choose more than one)	
<input type="radio"/>	A.	Whitewashed buildings help reflect the sun.
<input type="radio"/>	B.	Water is extracted from aquifers.
<input type="radio"/>	C.	Slash and burn is a practiced form of farming.
<input type="radio"/>	D.	Irrigation is used to enable farming.

77.	What is desertification?	
<input type="radio"/>	A.	The process of land transforming from desert to fertile land.
<input type="radio"/>	B.	The process of rock breaking down in situ.
<input type="radio"/>	C.	The process by which fertile land changes into desert.
<input type="radio"/>	D.	The process by which land wears away by the action of the sea, sand or river.

78.	Which is the desert fringe also known as?	
<input type="radio"/>	A.	Semi-deserts
<input type="radio"/>	B.	Semi-arid area
<input type="radio"/>	C.	Drylands
<input type="radio"/>	D.	All of the above

79.	True or false? At the borders of hot deserts, desert fringe areas support greater biodiversity and larger plants.	
<input type="radio"/>	A.	True
<input type="radio"/>	B.	False

80.	True or false? Despite their higher rainfall, desert fringes are classified, alongside hot deserts, as fragile environments.	
<input type="radio"/>	A.	True
<input type="radio"/>	B.	False

81.	Which of the following is not a cause of desertification	
<input type="radio"/>	A.	Mining for minerals
<input type="radio"/>	B.	Overgrazing by cattle
<input type="radio"/>	C.	Deforestation for fuel and constructing shelter
<input type="radio"/>	D.	Cyclical drought bringing lower and less reliable rainfall

82.	Which of the following statements is not a human cause of desertification?	
<input type="radio"/>	A.	Population growth
<input type="radio"/>	B.	Overgrazing by cattle
<input type="radio"/>	C.	Deforestation for fuel and constructing shelter
<input type="radio"/>	D.	Cyclical drought bringing lower and less reliable rainfall

83.	True or false? Bunds are a low-tech solution to reducing soil erosion and desertification.	
<input type="radio"/>	A.	True
<input type="radio"/>	B.	False

84	Which of the following are techniques that can be used to tackle desertification?	
<input type="radio"/>	A.	Tree-planting schemes to bind and protect the soil.
<input type="radio"/>	B.	Planting grass on slopes to help stabilise the topsoil and building small rock dams to trap rainwater in gullies.
<input type="radio"/>	C.	Building terraces (flattened sections with a retaining wall) on farmed slopes.
<input type="radio"/>	D.	All of the above

85.	Which of the following is an attempt to tackle desertification in the Sahel, Africa?	
<input type="radio"/>	A.	Green Door
<input type="radio"/>	B.	Green Wall
<input type="radio"/>	C.	Green Wing
<input type="radio"/>	D.	Green Goblin

86.	How does the Green Wall prevent desertification? (You may choose more than one)	
<input type="radio"/>	A.	The roots of the Acacia trees hold the soil together preventing erosion
<input type="radio"/>	B.	The trees form a physical wall to hold back the sand
<input type="radio"/>	C.	The trees provide shade for the ground to prevent it drying out
<input type="radio"/>	D.	It gives people more wood to cut down

87.	Technology that is suited to the needs, skills, knowledge and wealth of local people in the environment where they live which incorporates simple ideas with cheap and available materials is known as what?	
<input type="radio"/>	A.	Appropriate technology
<input type="radio"/>	B.	Intermediate technology
<input type="radio"/>	C.	Both of the above

88.	True or false? Solar Stoves are an example of appropriate technology.	
<input type="radio"/>	A.	True
<input type="radio"/>	B.	False