

The impacts of climate change



23

**As the climate becomes warmer,
the level of the world ocean:**

A

Rises

B

Falls

C

Remains unchanged

D

Cannot be predicted

24

Which of these countries will suffer the most if the level of the ocean rises by more than one metre by the end of this century?

A

Bangladesh

B

Switzerland

C

Austria

D

Nepal

25

Which of these cities is not threatened by rising levels of the world ocean?

A

Bangkok

B

New Orleans

C

Shanghai

D

Vienna

26

A 'heat wave' in Denmark is defined as a period of at least three consecutive days in which the average maximum temperature in most of the country exceeds:

A

20°C

B

33°C

C

37°C

D

28°C

27

In which of these geographical regions are tornadoes the most frequent?

A

Central Asia

B

The Arctic

C

The west coast of Africa

D

The central and southern states of the USA

28

Which of these natural disasters are not related to climate change?

A

Droughts

B

Earthquakes

C

Tornadoes

D

Avalanches

29

Which of these houses can Eskimos not build without snow?

A

A yurt

B

An igloo

C

A tipi

D

A wigwam

30

Which of these ecosystems has the richest species diversity?

A

Coral reefs

B

Taiga forest

C

Tropical forest

D

African savanna

31

Which ecosystem is unaffected by a rise in the level and temperature of the world ocean?

A

Salt marshes

B

Coral reefs

C

Alpine meadows

D

Mangrove forests

32

You are an ecotourist if:

A

**You cook food on a bonfire
when you are camping**

B

**You travel to the most beautiful
places on the planet**

C

You observe rare animals

D

**You minimize your impact on the
natural environment while on holiday**

33

The classification of protected areas by the International Union for the Conservation of Nature (IUCN) says that economic activity is not allowed in:

A

Natural monuments

B

Protected landscapes

C

Nature reserves

D

National parks

34

What is protected in a biosphere reserve?

A

The whole biosphere

B

Typical natural communities

C

Rare animals that are hunted

D

Areas of outstanding natural beauty

35

Which country has the most forests in the world?

A

Canada

B

USA

C

Brazil

D

Russia

36

What climate factor defines the northern boundary of boreal forests?

A

Temperature

B

Levels of precipitation

C

Atmospheric pressure

D

Cloud cover

37

What climate factor defines the southern boundary of boreal forests?

A

Temperature

B

Levels of precipitation

C

Atmospheric pressure

D

Cloud cover

38

Which of the following coniferous tree species is the most widespread in Siberia?

A

Pine

B

Fir

C

Larch

D

Cedar

39

Which of the following deciduous tree species is among the most widespread in North America?

A

Maple

B

Rowan

C

Elder

D

Willow

40

In Eastern Siberia, pine forests are advancing into steppe ecosystems because of:

A

Rising temperatures

B

Falling temperatures

C

More precipitation

D

Less precipitation

41

**The absorption of carbon
in young forests:**

A

Is high

B

Is low

C

Does not occur

D

**On the contrary, young forests
emit carbon**

42

In forests with many old trees, what is the ratio between the emission and absorption of carbon?

A

There is more absorption than emission

B

There is more emission than absorption

C

Absorption is roughly equal to emission

D

Old trees cannot absorb carbon

43

How do Canada's forests influence carbon levels in the atmosphere?

A

They soak up carbon dioxide

B

They are a source of carbon dioxide

C

Emission is equal to absorption

D

They have no gas exchange with the atmosphere

44

**Most of the world's reserves
of fresh water are concentrated in:**

A

Lakes

B

Rivers

C

Glaciers

D

Underground water

45

**70% of all fresh water used
by people is used for:**

A

Drinking

B

Cooking

C

Sanitation

D

Irrigation

46

Which of these regions of the world is particularly prone to drought?

A

Central Africa

B

South-East Asia

C

Small islands of the Caribbean Sea

D

Scandinavian countries

47

The main climate problem for countries of Central Asia in the next decades will be:

A

Shortage of water

B

Excessive damp

C

Melting of permafrost

D

Tropical cyclones

48

The production of which agricultural crop in South-East Asia could be significantly reduced by rising sea levels?

A

Rice

B

Wheat

C

Barley

D

Maize

49

The most obvious sign of climate change in mountain regions is:

A

The melting of glaciers

B

An increase in windy days

C

Drying up of mountain rivers

D

Reduction of precipitation

50

Which of the following authors would most likely change the title of their work if they were to write it at the end of the 21st century?

A

Robert Burns,
'Yon Wild Mossy Mountains'

B

Thomas Mann, 'The Magic Mountain'

C

Emily Brontë, 'Wuthering Heights'

D

Ernest Hemingway,
'The Snows of Kilimanjaro'

51

A landslide in the mountains is:

A

A mass of snow, which falls or slides down a slope

B

A serious flood

C

A moving mass of stones and earth

D

A hurricane wind

52

How does climate change make glacial lakes hazardous?

A

Harmful chemical compounds are formed in the water

B

The water becomes too hot due to higher air temperatures

C

Melting of glaciers raises water levels in the lakes, creating a threat of floods and landslides

D

Disease-carrying insects breed in the lakes

53

Which of these economic activities in mountain regions is least vulnerable to the impact of climate change?

A

Tourism

B

Mining

C

Agriculture

D

The production of hydroelectricity

54

**How much of Russia's territory
is covered by permafrost?**

A

80%

B

60%

C

30%

D

20%

55

By how much has ice coverage in the Arctic shrunk in the last 40 years?

A

10%

B

20%

C

50%

D

100%

56

Which of these climate change impacts least affects people's lives and ecosystems in the Arctic?

A

Stronger winds (blizzards and storms)

B

Reduction in the extent and thickness of sea ice

C

Long-lasting heat waves in the summer

D

Melting of permafrost

57

What is a 'heat island'?

A

An island in tropical latitudes

B

An island threatened with disappearance due to rising sea levels

C

The centre of a big city where the temperature is higher than in the suburbs

D

Part of a forest that has been burnt out in a fire

58

Which of these people will most likely be the first to lose their job as a result of climate change?

A

A banker in Singapore

B

A teacher in India

C

A farmer in Kenya

D

A fireman in Mexico

59

Who among the following could be called a climate migrant?

A

A German pensioner who moves to live by the sea in Turkey

B

A Turk who got a better job in Germany

C

A Haitian whose village is destroyed by a powerful hurricane who moves to the US

D

A farmer moving from the southern US state of Texas to the northern state of Montana because of higher wages

60

What share of the world's population lives below the poverty line?

A

50%

B

35%

C

15%

D

Less than 10%

61

**In which of the following countries
are personal incomes the lowest?**

A

Brazil

B

Germany

C

Turkmenistan

D

Ethiopia

Climate Quiz

Answers



Climate Quiz Answers

23. A	30. C	36. A	43. A	50. D	57. C
24. A	31. C	37. B	44. C	51. C	58. C
25. D	32. D	38. C	45. D	52. C	59. C
26. D	32. D	39. A	46. A	53. B	60. B
27. D	33. C	40. C	47. A	54. B	61. D
28. B	34. B	41. A	48. A	55. B	
29. B	35. D	42. C	49. A	56. C	