ENGLAND GCSE COMBINED SCIENCE OCR TWENTY FIRST CENTURY HIGHER · UNIT 6 · 25 QUESTIONS

Life on Earth - Past, Present and Future — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button so it can be fixed.

1 **Seabirds are affected by plastic pollution. How does plastic harm them?**

- A they eat it by mistake
- B it helps them fly
- C it makes them stronger and healthier
- D it keeps them warm

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2 **Rabbits breed quickly. What does this mean for the population?**

A it always stays small

B it can grow fast

C it always falls

D it never changes

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3 **A honeybee visits a flower to collect nectar. What does it carry between flowers?**

A leaves

B seeds

C water

D pollen

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4 **A forest is cut down. What happens to the carbon stored in the trees?**

- A it is stored forever
- B it turns to oxygen
- C it disappears
- D it is released

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5 **A sunflower turns its head to follow the Sun. What is this a response to?**

- A touch
- B gravity
- C water
- D light

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6 **A peach contains a stone. What is inside the stone?**

- A a flower
- B a seed
- C a root
- D a leaf

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7 **What is a binomial name?**

- A the family and order of the organism
- B genus plus species
- C the kingdom and phylum of the organism
- D the common name of the organism

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8 **Why do bacteria become resistant to antibiotics?**

A bacteria get stronger

B resistant ones survive

C bacteria learn to fight

D antibiotics stop working

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9 **What is a mutation?**

A a change in the DNA

B a new species

C a disease

D a change in the environment

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10 **What threatens biodiversity?**

A habitat loss

B too many trees

C too many species

D too much rain

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11 **What is a greenhouse gas?**

A a gas that traps heat

B a gas from plants

C a gas that cools air

D a gas in a greenhouse

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12 **Carbon dioxide is 420 parts per million in the air. How many carbon dioxide molecules are there per million air molecules?**

- A 4200
- B 42
- C 420
- D 400

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13 **Who reached the same ideas as Darwin, working separately?**

- A Lamarck
- B Wallace
- C Mendel
- D Woese

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14 **What is the correct order of classification, from largest to smallest?**

- **A** kingdom, phylum, class, order, family, genus, species
- **B** phylum, kingdom, class, family, order, genus, species
- **C** species, genus, family, order, class, phylum, kingdom
- **D** kingdom, class, phylum, order, genus, family, species

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15 **Why is variation important for evolution?**

- **A** selection acts on it
- **B** it helps animals hide
- **C** it makes animals stronger
- **D** it makes animals much prettier

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16 **Why is biodiversity important?**

A it makes places much prettier to visit

B it stops all disease

C it keeps ecosystems stable

D it gives us more food

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17 **Carbon dioxide is 315 parts per million in the air. How many carbon dioxide molecules are there per million air molecules?**

A 3150

B 31

C 315

D 295

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18 **How does antibiotic resistance show evolution?**

A bacteria learn to resist antibiotics

B antibiotics make bacteria stronger directly

C viruses pass resistance to bacteria

D resistant bacteria survive and breed

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19 **What is the order of the Linnaean groups, largest first?**

A kingdom to species in order

B species to kingdom in order

C genus to family in order

D a list of all living things

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20 **What is biodiversity?**

A size of a habitat

B number of plants

C variety of life

D number of animals

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21 **What is climate change?**

A a cold winter

B a hot summer

C changing weather patterns

D a very hot summer that lasts

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22 **What is one effect of climate change?**

A sea levels rising

B the air getting cleaner

C less rain everywhere

D colder winters everywhere

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23 **Why does classification change over time?**

A new evidence changes the groups

B old names are too hard to spell

C scientists change their minds at random

D new species are found every year

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24 **What is extinction?**

A animals sleep a lot

B animals hide well

C a species dies out

D animals move away

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25 **What causes climate change?**

A the Earth spinning faster

B the Sun getting hotter

C greenhouse gases

D the Moon moving

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ANSWER KEY

1.	A	**10.**	A	**19.**	A
2.	B	**11.**	A	**20.**	C
3.	D	**12.**	C	**21.**	C
4.	D	**13.**	B	**22.**	A
5.	D	**14.**	A	**23.**	A
6.	B	**15.**	A	**24.**	C
7.	B	**16.**	C	**25.**	C
8.	B	**17.**	C		
9.	A	**18.**	D		

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