

Directions: In this section, there is a passage with ten blanks. You are required to select one word for each blank from a list of choices given in a word bank following the passage. Read the passage through carefully before making your choices. Each choice in the bank is identified by a letter. Please mark the corresponding letter for each item on **Answer Sheet 2** with a single line through the centre. You may not use any of the words in the bank more than once.

Just because they can't sing opera or ride a bicycle doesn't mean that animals don't have culture. There's no better example of this than killer whales. As one of the most 26 predators(食肉动物), killer whales may not fit the 27 of a cultured creature. However, these beasts of the sea do display a vast range of highly 28 behaviors that appear to be driving their genetic development.

The word "culture" comes from the Latin "colere," which 29 means "to cultivate." In other words, it refers to anything that is 30 or learnt, rather than instinctive or natural. Among human populations, culture not only affects the way we live, but also writes itself into our genes, affecting who we are. For instance, having spent many generations hunting the fat marine mammals of the Arctic, the Eskimos of Greenland have developed certain genetic 31 that help them digest and utilize this fat-rich diet, thereby allowing them to 32 in their cold climate.

Like humans, killer whales have colonized a range of different 33 across the globe, occupying every ocean basin on the planet, with an empire that 34 from pole to pole. As such, different populations of killer whales have had to learn different hunting techniques in order to gain the upper hand over their local prey(猎物). This, in turn, has a major effect on their diet, leading scientists to 35 that the ability to learn population-specific hunting methods could be driving the animals' genetic development.

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| A) acquired | I) image |
| B) adaptations | J) literally |
| C) brutal | K) refined |
| D) deliberately | L) revolves |
| E) expressed | M) speculate |
| F) extends | N) structure |
| G) habitats | O) thrive |
| H) humble | |