ANSWER KEY WITH EXPLANATIONS

Academic Vocabulary Quiz: Research Methods and Data Words

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Explanations

1. Before collecting any data, the team wrote down its ___: that dogs sleep more in winter.
✔ **D) hypothesis**
A hypothesis is your best guess before a study, which the study then tests. The plural is hypotheses.

2. Instead of lectures, the school took a hands-on ___ to science.
✔ **B) approach**
An approach is your general way of dealing with a question: take an approach to something.

3. Which ___ did you use to collect the data: interviews or an online form?
✔ **A) method**
A method is one exact way of collecting or testing data.

4. The ___ chapter of a dissertation explains how the study was designed and why.
✔ **C) methodology**
The methodology is the whole design of a study and the reasons for choosing its methods.

5. Age, sleep and diet are all ___ that can change the results.
✔ **B) variables**
A variable is anything in a study that can change and be measured.

6. Price is the most important ___ in choosing a phone.
✔ **D) factor**
A factor is one of the things that together cause a result: a factor in something.

7. The survey used a ___ of 2,000 adults from every region.
✔ **A) sample**
A sample is the small group you study, chosen to stand for a much bigger one.

8. Every ___ in the study filled in a sleep diary.
✔ **C) participant**
A participant is someone who agrees to take part in a study.

9. A friend's recommendation is a useful lead, but it isn't a reliable academic ___.
✔ **A) source**
A source is where your information comes from: a book, an article, a person.

10. Counting how many people visited the park is ___ research; asking them why they came is ___.
✔ **B) quantitative … qualitative**
Quantitative research is about numbers and amounts. Qualitative research is about opinions and reasons in people's own words.

11. The claim sounds good, but there is no ___ evidence for it: nobody has tested it.
✔ **C) empirical**
Empirical evidence is based on what people actually observed or measured.

12. The data were checked with three different ___.
✔ **D) analyses**
Analysis means looking closely at every part of the data. The plural is analyses.

13. Doctors will ___ the damage to his knee before deciding on surgery.
✔ **A) assess**
Assess means judge how big, good or serious something is after looking carefully.

14. The study found a ___ between screen time and poor sleep.
✔ **C) significant correlation**
Significant means large or important enough to notice, and a correlation means two things rise and fall together. Significativo is Spanish and Italian.

15. The ___ of the study ___ that children learn more outdoors, but more work is needed.
✔ **B) findings … indicate**
Findings (plural) are what a study found out. Indicate means show that something is probably true, without proving it.