

### INDEX TO ABSTRACTS

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**As a student, how can you benefit from you as a Junior Scientist? (4 points)**

5. If a student is reviewing literature to find gaps in Ghanaian folklore, the student is conducting *research*. [2 points]

Differentiate between basic and applied research [4 points]

Which needs to be conducted first? Basic or Applied Research? Why? [3 points]

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8. Descriptive Research is conducted to: [3 points]

9. Modeling how deforestation will impact rainfall patterns in the year 2050 is an example of ..... research. [2 points]

10. TWO differences between Qualitative and Quantitative research methods are: [4 points]

i. ....

ii. ....

List THREE types of qualitative research: [3 points]

the difference between experimental research and correlational research? [4 points]

**EXAM NUMBER**

14. What are some of the methods of Applied Research? Name THREE. (3 points)

- i.
- ii.
- iii.

15. List the steps in conducting a scientific research? (7 points)

- i.
- ii.
- iii.
- iv.
- v.
- vi.
- vii.

16. Every scientific research must begin with the identification of a problem. State A

in which a research problem can be identified. (3 points)

- i.
- ii.
- iii.

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23. What is a quasi-experimental research? (3 points)

24. Based on the immediate purpose of a study a Junior Scientist wants to conduct, the research may be ..... research. (4 points)

25. One key feature of Analytical Research is: (3 points)

26. Why is research cyclical in nature? (3 points)

27. What is the Role of a Research Scientist? (3 points)