

# APPENDIX

## Scientific Attitude Scale by N.N. Shrivastava

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SAS

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Name ..... Age.....

School/College..... Class.....

Father's Education.....

Father's Profession .....

Mother's Education .....

Mother's Profession .....

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### Instructions

There are some statements in this scale. Every statement has three alternatives - 'agree', 'indefinite' and 'disagree'. If you agree with the statement put the right mark of on the box agree . If you are indefinite in making a decision about the given statement put the right mark on the box of 'indefinite' and if you disagree with the statement put the right mark on the box of 'disagree'.

There is no time limit to complete the scale but you try to complete it as soon as possible.

Obtained Scores	Category of Attitude



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No.	Statement	Agree	Indefinite	Disagree
1.	Publication of new facts increases the knowledge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Any hypothesis in favour of or against should not be accepted in the absence of exact evidence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Knowing about new facts is interesting and pleasurable.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	You stick to your thoughts even if they are rejected by others.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Immature but curious people can become scientists.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	The observation reports of the scientists are merely a reflection of their emotions and personalities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	Generally, some people try to present their views general discussion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.	One should be satisfied by proving his new ideas through personal experiments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9.	In a scientific community the far-sighted persons are more effective.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.	Any excepted fact is unchangeable.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11.	Weightage should be given to scientific reasoning, rather than adventurous stories of astrologers and magicians.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12.	One should accept the established laws advanced by famous scientists	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13.	If conventional ideas are proved wrong by various tested evidences then people should be ready to accept these changes.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>