

APPENDIX

Scientific Attitude Scale by N.N. Shrivastava

Dr. N.N. Shrivastava
Professor,
Govt. Institute of Science Education Jabalpur

SAS

Name Age.....
School/College..... Class.....
Father's Education.....
Father's Profession
Mother's Education
Mother's Profession

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



Distributor
Aarohi Manovigyan Kendra
1173, Sneh Nagar, Garha-Road, Jabalpur (M.P.) 482002

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"/>

14.	The scientists should state their findings without being affected by external social pressures.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15.	By agreement of certain facts results can be drawn that the complete thought is true.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.	Questioning attitude is useful before accepting any new situation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17.	The exact conclusion can only be drawn after getting the complete data.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18.	The work of a person should be criticized in the absence of facts.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19.	To understand new situation the known knowledge is the basis.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20.	Questionable thoughts and feelings have no relation to scientific behaviour.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21.	People should take decisions based on new facts and inventions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22.	One should express his invented facts even if they are opposed by others.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23.	Research findings of young research workers should be published in noted research journals.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24.	Climatologists can only predict about the climate correctly.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25.	Conventional ideas should only be accepted if there is a difference in scientific discoveries.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26.	It is of no use to listen new ideas until they are accented by all.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>