

APPENDIX 11

MEAN SCORES OF PROBLEMS OF LACK OF LABORATORY FACILITIES
OF TEACHERS ACCORDING TO THEIR PERSONAL CHARACTERISTICS

Sr. No.	Problems	C O L L E G E S						
		COA ^a	COAE ^b	COVSC ^c	COHSC ^d	COASC ^e	COFC ^f	COPE ^g
1.	No laboratories for research	1.25	1.25	1.40	1.38	1.44	1.00	1.00
2.	Laboratories do not have sufficient equipments	1.46	1.55	1.52	1.25	1.50	1.20	1.33
3.	Insufficient number of technicians	1.73	1.65	1.74	1.53	1.75	1.60	1.00
4.	Poorly trained technicians	1.73	1.58	1.73	1.53	1.68	1.60	1.33
5.	Lack of laboratory attendents	1.71	1.65	1.54	1.27	1.69	1.20	1.33
6.	Lack of chemicals	1.93	2.00	2.48	1.35	2.05	1.80	2.33
7.	Lack of other ingredients and materials	2.25	2.25	2.70	1.59	2.03	2.00	1.67
8.	Laboratory equipment being out-of-order	2.47	2.26	2.55	2.35	2.50	2.50	2.33
9.	Uncooperative and inactive laboratory attendents	2.23	2.40	2.09	1.94	2.13	2.00	2.00

Sr. No.	Problems	Age groups					Academic Qualifications		
		20-30 yrs.	31-40	41-50	51 & above		B.A./B.Tech.	M.A.	Ph.D.
1.	No laboratories for research	1.60	1.29	1.30	1.26		1.00	1.50	1.34
2.	Laboratories do not have sufficient equipments	1.70	1.47	1.45	1.43		1.50	2.00	1.55
3.	Insufficient number of technicians	1.76	1.72	1.68	1.76		2.00	2.00	1.71
4.	Poorly trained technicians	1.74	1.64	1.72	1.75		2.00	2.00	1.69
5.	Lack of laboratory attendents	1.62	1.60	1.61	1.77		2.00	2.00	1.64
6.	Lack of chemicals	2.10	1.90	2.14	2.10		2.00	2.00	2.16
7.	Lack of other ingredients and materials	2.20	2.14	2.37	2.37		2.00	2.00	2.38
8.	Laboratory equipment being out-of-order	2.53	2.51	2.41	2.51		2.00	2.00	2.44
9.	Uncooperative and inactive laboratory attendents	2.33	2.23	2.02	2.28		3.50	3.00	2.16

(a) COA = Colleges of Agriculture
 (b) COAE = Colleges of Agricultural Engineering
 (c) COVSC = Colleges of Veterinary Science
 (d) COBSC = Colleges of Basic Sciences and Humanities
 (e) COHSC = Colleges of Home Science
 (f) COASC = College of Animal Science
 (g) COFC = College of Fisheries

(Appendix 11 continued)

Sr. No.	Problems	Marital Status		Sex		Professional Status			
		Married	Unmarried	Male	Female	Asst.Prof.	Assoc.Prof.	Prof.	
1.	No laboratories for research	1.30	1.45	1.28	1.50	1.52	1.29	1.28	
2.	Laboratories do not have sufficient equipments	1.46	1.53	1.46	1.54	1.54	1.49	1.40	
3.	Insufficient number of technicians	1.70	1.85	1.70	1.82	1.77	1.73	1.67	
4.	Poorly trained technicians	1.70	1.63	1.70	1.74	1.67	1.71	1.69	
5.	Lack of laboratory attendants	1.62	1.74	1.62	1.74	1.69	1.66	1.57	
6.	Lack of chemicals	2.05	2.00	2.04	2.11	1.92	2.13	1.94	
7.	Lack of other ingredients and materials	2.29	2.10	2.30	2.13	1.92	2.41	2.15	
8.	Laboratory equipment being out-of-order	2.49	2.21	2.46	2.53	2.33	2.53	2.41	
9.	Uncooperative and inactive laboratory attendants	2.17	2.21	2.16	2.24	2.19	2.28	2.00	
Sr. No.	Problems	Teaching Experience					Place of Residence ^d		
		1-5 yrs.	6-10	11-15	16-20	21 & above	1	2	3
1.	No laboratories for research	1.47	1.23	1.25	1.34	1.33	1.30	1.28	1.34
2.	Laboratories do not have sufficient equipments	1.60	1.50	1.44	1.44	1.46	1.44	1.48	1.55
3.	Insufficient number of technicians	1.81	1.71	1.70	1.63	1.79	1.74	1.74	1.61
4.	Poorly trained technicians	1.76	1.66	1.71	1.66	1.74	1.71	1.71	1.64
5.	Lack of laboratory attendants	1.74	1.58	1.63	1.55	1.72	1.66	1.58	1.56
6.	Lack of chemicals	2.07	1.80	2.09	1.89	2.36	1.95	2.22	2.24
7.	Lack of other ingredients and materials	2.60	1.89	2.22	2.18	2.64	2.24	2.48	2.23
8.	Laboratory equipment being out-of-order	2.48	2.60	2.46	2.42	2.46	2.43	2.46	2.65
9.	Uncooperative and inactive laboratory attendants	2.39	2.10	2.17	2.17	2.14	2.12	2.14	2.39

² 1. University accommodation
2. Private accommodation
3. Rented accommodation