

**American Chemical Society Division of Chemical Education
Composite Norms – General Chemistry Paired Questions Exam 2017,
Second Term (GC17PQS)**

Score	Percentile	Score	Percentile	Score	Percentile
40	100	24	68	8	0
39	99	23	65	7	0
38	98	22	60	6	0
37	98	21	55	5	0
36	96	20	51	4	0
35	95	19	46	3	0
34	94	18	42	2	0
33	93	17	37	1	0
32	91	16	31	0	0
31	89	15	26		
30	87	14	18	Mean	20.4
29	83	13	13	Std. deviation	7.4
28	81	12	9	Median	19
27	78	11	5	KR-21 reliability	0.84
26	74	10	3	Std error/meas	2.96
25	71	9	2		

GCPQS17 Norm
based on the scores of 828 students from 11 different institutions

