ACS Gen Chemistry I Practice Exam

Hi Everyone! I have put together this ACS style practice test for you to practice for your final exam for CHM2045. **Disclaimer:** Please, **DO NOT** use this as your only study resource. Your main study resources are the ones provided in Webcourses. This is additional practice. **DO NOT** assume you will get the same questions in your exam. The style will be the same, but the questions can vary. **DO NOT** memorize the questions and the answers. The best way to study for ACS exams is to thoroughly understand concepts and why each option is right or wrong. The questions were taken from the "2018 Preparing for your ACS Examination in General Chemistry Second Edition The Official Guide". Good luck!

ACS CHM2045 Practice Exam — Complete Answer Key
(All answers are letters only, grouped by section)

SECTION 1 — Units, Sig Figs, Naming, Basic Concepts (PQ-1 to PQ-15)

1 C 2 A 3 D 4 B 5 C 6 B 7 A 8 D 9 B 10 D 11 A 12 A 13 B 14 C 15 D

SECTION 2 — Electronic Structure (PQ-1 to PQ-30)

1 C 2 B 3 A 4 C 5 D 6 D 7 B 8 D 9 B 10 A
11 C 12 A 13 B 14 D 15 C 16 C 17 A 18 C 19 B 20 C
21 B 22 D 23 C 24 A 25 B 26 D 27 B 28 B 29 B 30 D

SECTION 3 — Formula Calculations & The Mole (PQ-1 to PQ-30)

1 A 2 B 3 D 4 A 5 A 6 A 7 A 8 C 9 A 10 D
11 B 12 D 13 B 14 D 15 A 16 C 17 A 18 A 19 B 20 B
21 D 22 A 23 D 24 A 25 C 26 B 27 D 28 B 29 C 30 B

SECTION 4 — Stoichiometry (PQ-1 to PQ-30)

1 A 2 C 3 A 4 D 5 B 6 C 7 B 8 C 9 B 10 D
11 A 12 A 13 D 14 D 15 B 16 C 17 D 18 D 19 D 20 A
21 C 22 B 23 D 24 C 25 D 26 C 27 B 28 C 29 B 30 B

SECTION 5 — Solutions & Aqueous Reactions (PQ-1 to PQ-30)

1 D 2 B 3 C 4 C 5 B 6 A 7 C 8 C 9 A 10 D
11 B 12 C 13 A 14 C 15 C 16 C 17 A 18 C 19 C 20 D
21 B 22 B 23 C 24 D 25 A 26 B 27 A 28 C 29 A 30 B

SECTION 6 — Solutions & Aqueous Reactions (Part 2) (PQ-1 to PQ-30)

1 B 2 C 3 A 4 B 5 C 6 B 7 A 8 D 9 B 10 D
11 A 12 C 13 C 14 A 15 B 16 B 17 C 18 C 19 D 20 C
21 C 22 C 23 B 24 C 25 A 26 C 27 C 28 C 29 C 30 A

SECTION 7 — Final Answer Block (PQ-1 to PQ-30)

1 B 2 A 3 C 4 B 5 A 6 B 7 D 8 A 9 B 10 B
11 D 12 A 13 B 14 C 15 C 16 B 17 C 18 C 19 D 20 D
21 A 22 B 23 A 24 C 25 B 26 C 27 D 28 C 29 C 30 D
