

**Academic Challenge 2015**  
**Topic Distribution – Biology**

Topic	Regional	Sectional	State
Animal Structure/Function	8	6	7
Biotechnology/DNA	3	5	6
Cellular Basis for Life/Metabolism	12	11	10
Chemical Basis for Life	5	4	5
Ecology and Behavior	3	3	4
Evolution/Diversity/Taxonomy	6	9	5
Plant Structure/Function	7	6	5
Principles of Inheritance	3	3	5
Scientific Method & Science and Society	3	3	3
<b>Total - - - - -</b>	50	50	50

## Reference List – Biology

[Title – Edition – Author(s) – Publisher – Copyright Date – ISBN]

Human Anatomy and Physiology – Ninth Edition – Elaine N. Marieb, Katja Hoehn – Pearson Benjamin Cummings – Pearson Education, Inc. – 2013 – 978-0-321-74326-8

Hole's Essentials of Human Anatomy and Physiology – Tenth Edition – David Shier, Jackie Bulter, and Ricki Lewis – McGraw-Hill – 2009 – 978-0-07-296563-6

Biology – Tenth Edition – Eldra Pearl Solomon, Linda R. Berg, Charles Martin, and Diana W. Martin – Cengage Learning – 2011 – 13-978-1-285-42358-6

Biology: Concepts & Connections – Sixth Edition – Neil A. Campbell, Jane B. Reece, Martha R. Taylor, Eric J. Simon, Jean L. Dickey – Pearson Education, Inc. /Prentice Hall – 2009 – 978-032148984-5

Biology Today and Tomorrow without Physiology – Second Edition – Cecie Starr, Christine A. Evers, Lisa Starr – Thomson Brookes/Cole. – 2007 – 978-0-495-10273-1

Integrated Principles of Zoology – Fifteenth Edition – Cleveland P. Hickman, Jr., Larry S. Roberts, Susan L. Keen, Helen I' Anson, David J. Eisenhour, and Allan Larson – McGraw - Hill Higher Companies, Inc. – 2011 – 978-0-07-304050-9

Microbiology An Introduction – Eleventh Edition – Gerard Tortora, Berdell Funke, and Christine Case – Pearson – 2013 – 10:0-321-73360-6