**Mississippi Academic Assessment Program (MAAP)**

**Biology**

**Practice Test**

**E-MS007**

**ADMINISTRATOR’S NOTES FOR THE BRAILLE EDITION**

This document accompanies the Mississippi Biology braille edition of the practice test. The teacher or administrator of the test will instruct the student in how to take the test. The method in which the student is to answer the test questions and the use of any answer sheets or separate documents should be explained prior to test administration.Generally, the student may need extra paper to answer open ended questions. The braille pages with tactile graphics, as listed in the following chart, are provided as a supplement.

These administrator’s notes also include the same instructions given to the student, indicating what the student will encounter in the braille edition. Directional words, such as “below,” may have been changed to reflect placement in the braille booklet. All instructions to “Stop” have been retained. Unless otherwise noted, decorative pictures and accompanying captions, and boxes around text have been omitted in the braille edition.

Print and braille page correspondences are listed in the following chart, as one print page may have required several braille pages. The braille transcription may have required blank pages in order to provide tactile graphics or to keep the content of a question on facing pages. Other changes or omissions are also listed in the chart.

NOTES FOR THE BRAILLE EDITION

| Print Page | Braille Page | Question/Section | Notes |
| --- | --- | --- | --- |
|  | t1 | Cover Page |  |
|  | t2 | Special Symbols |  |
|  | t3 | Transcriber’s Notes | Nemeth Statement |
| 1-2 | 1 | Directions |  |
| 3-a3 | 2-3 | Scenario | Sentence changed: "The karyotype on the facing page represents a male with Klinefelter syndrome."  Tactile graphic provided on braille page 3. |
|  | 4-5 |  | Braille pages 4 and 5 are blank. |
| 4-a4 | 6-7 | Question 1 | Sentence changed: "Select one option from each of the three sections on the facing page to complete a claim about the cause of Klinefelter syndrome." The answer choices are labeled A.-B, A.-D., and A.-D. |
| 5 | 8 | Question 2 |  |
|  | 9 |  | Braille page 9 is blank. |
| 6-a6 | 10-11 | Question 3 | Sentences changed: "The models on the facing page are set up to represent how a cell responds to imbalances in solute concentration. Match the correct arrow set to the appropriate beaker to show how water will move into or out of the cell in each beaker for the solute conditions shown." The arrow sets are labeled A.-C.  Tactile graphics provided on braille pages 10 and 11. |
|  | 12-13 |  | Braille pages 12 and 13 are blank. |
| 7-a7 | 14-15 | Question 4 | Sentence changed: "Select one answer to match the correct level of organization represented by each description." The answer choices are labeled A.-D. |
| 8 | 16 | Question 5 | Sentence added: "You may use the number 0, 1, 2, 3, or 4 for each answer." |
|  | 17 |  | Braille page 17 is blank. |
| 9-a9 | 18-19 | Question 6 | Tactile graphic provided on braille page 18. |
| 10 | 20 | Question 7 |  |
| 11-c11 | 21-24 | Question 8 | Sentence changed: "The chart on the following pages shows an mRNA codon chart." |
|  | 25 |  | Braille page 25 is blank. |
| 12-a12 | 26-27 | Question 9 |  |
| 13 | 28 | Question 10 |  |
| 14-c14 | 28-31 | Scenario | Tactile graphic provided on braille page 31. |
|  | 32 |  | Braille page 32 is blank. |
| 15 | 33 | Question 11 |  |
| 16 | 33 | Question 12 |  |
| 17 | 34 | Question 13 | Sentence changed: "Select the characteristics to compare living and nonliving things." The answer choices are labeled A.-E. |
|  | 35 |  | Braille page 35 is blank. |
| 18-a18 | 36-37 | Question 14 | Sentence changed: "Match the labels to the numbers next to 'reactants' and 'products' in the diagram to show the major reactants and products of photosynthesis in a plant cell." The blank shapes are labeled 1-4. The answer choices are labeled A.-D.  Tactile graphic provided on braille page 36. |
| 19-a19 | 38-39 | Question 15 | Sentence changed: "Use the pedigree diagram on the facing page to answer the question."  Tactile graphic provided on braille page 39. |
|  | 40-41 |  | Braille pages 40 and 41 are blank. |
| 20-a20 | 42-43 | Question 16 | Sentence changed: "Select one word or phrase in each set of parentheses to best describe this process." The answer choices are labeled A.-C., A.-B., A.-B., and A.-B.  Tactile graphic provided on braille page 42. |
| 21-a21 | 44-45 | Question 17 | Sentence changed: "Select one answer to identify the scientist(s) most associated with the cell theory concept listed." The answer choices are labeled A.-C. |
| 22 | 46 | Question 18 |  |
|  | 47 |  | Braille page 47 is blank. |
| 23-a23 | 48-49 | Question 19 | Tactile graphic provided on braille page 48. |
| 24-a24 | 50-51 | Question 20 | Sentence changed: "Select one piece of evidence that best supports each claim." The answer choices are labeled A.-E. |
|  | 52-53 |  | Braille pages 52 and 53 are blank. |
| 25-a25 | 54-55 | Question 21 | Sentence changed: "As directed by the test administrator, write the number 1 or 2 next to each descriptor to identify whether it should be grouped with transcription (1) or translation (2) in the Venn diagram."  Tactile graphic provided on braille page 54. |
| 26-b26 | 56-59 | Question 22 | The images of the organisms are omitted from the cladogram.  Braille page 57 is blank.  Tactile graphic provided on braille page 58. |
| 27-a27 | 60-61 | Question 23 | The images of the squirrels are omitted. |
|  | 62-63 |  | Braille pages 62 and 63 are blank. |
| 28-a28 | 64-65 | Question 24 | Tactile graphic provided on braille page 64. |
| 29-a29 | 66-67 | Question 25 | Sentence changed: "Select one word or phrase in each set of parentheses to complete the chart." Each set of answer choices within the parentheses are labeled A.-B. |