**UPH Methodist Blood Bank Annual Competency Quiz**

***You may use any and all policies and procedures to help answer these questions.***

For Questions 1-4, see the forward and reverse grouping below.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Anti-A** | **Anti-B** | **Anti-D** | **A Cells** | **B Cells** | **Rh Control** |
| 4 | 4 | 0 | 0 | 0 | 0 |

Questions 5-6 can be answered without any supplemental information.

For Questions 7-9, see antibody id panel # 1 below.

**Antibody Identification, Gel Panel #1**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Cell#** | **D** | **C** | **E** | **c** | **e** | **f** | **Cw** | **K** | **k** | **Fya** | **Fyb** | **Jka** | **Jkb** | **Xga** | **Lea** | **Leb** | **S** | **s** | **M** | **N** | **P1** | **Lua** | **AHG** |
| 1 | **+** | **+** | **=** | **=** | **+** | **=** | **+** | **+** | **+** | **+** | **=** | **+** | **=** | **+** | **=** | **+** | **+** | **+** | **+** | **+** | **=** | **=** | 2 |
| 2 | **+** | **+** | **=** | **=** | **+** | **=** | **=** | **+** | **+** | **+** | **+** | **+** | **=** | **+** | **+** | **=** | **=** | **+** | **+** | **+** | **=** | **=** | 2 |
| 3 | **+** | **=** | **+** | **+** | **=** | **=** | **=** | **=** | **+** | **=** | **+** | **=** | **+** | **+** | **=** | **+** | **+** | **+** | **+** | **=** | **+** | **+** | 0 |
| 4 | **+** | **=** | **=** | **+** | **+** | **+** | **=** | **=** | **+** | **=** | **=** | **+** | **+** | **=** | **=** | **+** | **+** | **=** | **=** | **+** | **+** | **=** | 2 |
| 5 | **=** | **+** | **=** | **+** | **+** | **+** | **=** | **=** | **+** | **+** | **+** | **=** | **+** | **+** | **=** | **+** | **+** | **+** | **+** | **+** | **+** | **=** | 2 |
| 6 | **=** | **=** | **+** | **+** | **+** | **+** | **=** | **=** | **+** | **=** | **+** | **+** | **=** | **+** | **=** | **+** | **+** | **+** | **+** | **+** | **=** | **=** | 2 |
| 7 | **=** | **=** | **=** | **+** | **+** | **+** | **=** | **+** | **+** | **=** | **+** | **+** | **+** | **+** | **=** | **=** | **+** | **=** | **+** | **=** | **+** | **=** | 2 |
| 8 | **=** | **=** | **=** | **+** | **+** | **+** | **=** | **=** | **+** | **=** | **+** | **+** | **=** | **+** | **+** | **=** | **=** | **+** | **=** | **+** | **+** | **=** | 2 |
| 9 | **=** | **=** | **=** | **+** | **+** | **+** | **=** | **=** | **+** | **+** | **=** | **=** | **+** | **+** | **=** | **+** | **=** | **+** | **+** | **+** | **=** | **=** | 2 |
| 10 | **=** | **=** | **=** | **+** | **+** | **+** | **=** | **=** | **+** | **=** | **+** | **+** | **+** | **=** | **=** | **=** | **+** | **=** | **+** | **=** | **+** | **=** | 2 |
| 11 | **+** | **+** | **=** | **=** | **+** | **=** | **=** | **=** | **+** | **=** | **+** | **=** | **+** | **+** | **+** | **=** | **=** | **+** | **+** | **=** | **+** | **+** | 2 |
| PC |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0 |

For Questions 10-11, see antibody id panel # 2 below.

**Antibody Identification, Gel Panel #2**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Cell#** | **D** | **C** | **E** | **c** | **e** | **f** | **Cw** | **K** | **k** | **Fya** | **Fyb** | **Jka** | **Jkb** | **Xga** | **Lea** | **Leb** | **S** | **s** | **M** | **N** | **P1** | **Lua** | **AHG** |
| 1 | **+** | **+** | **=** | **=** | **+** | **=** | **+** | **+** | **+** | **+** | **=** | **+** | **=** | **+** | **=** | **+** | **+** | **+** | **+** | **+** | **=** | **=** | 0 |
| 2 | **+** | **+** | **=** | **=** | **+** | **=** | **=** | **+** | **+** | **+** | **+** | **+** | **=** | **+** | **+** | **=** | **=** | **+** | **+** | **+** | **=** | **=** | 0 |
| 3 | **+** | **=** | **+** | **+** | **=** | **=** | **=** | **=** | **+** | **=** | **+** | **=** | **+** | **+** | **=** | **+** | **+** | **+** | **+** | **=** | **+** | **+** | 1 |
| 4 | **+** | **=** | **=** | **+** | **+** | **+** | **=** | **=** | **+** | **=** | **=** | **+** | **+** | **=** | **=** | **+** | **+** | **=** | **=** | **+** | **+** | **=** | 0 |
| 5 | **=** | **+** | **=** | **+** | **+** | **+** | **=** | **=** | **+** | **+** | **+** | **=** | **+** | **+** | **=** | **+** | **+** | **+** | **+** | **+** | **+** | **=** | 0 |
| 6 | **=** | **=** | **+** | **+** | **+** | **+** | **=** | **=** | **+** | **=** | **+** | **+** | **=** | **+** | **=** | **+** | **+** | **+** | **+** | **+** | **=** | **=** | 0 |
| 7 | **=** | **=** | **=** | **+** | **+** | **+** | **=** | **+** | **+** | **=** | **+** | **+** | **+** | **+** | **=** | **=** | **+** | **=** | **+** | **=** | **+** | **=** | 0 |
| 8 | **=** | **=** | **=** | **+** | **+** | **+** | **=** | **=** | **+** | **=** | **+** | **+** | **=** | **+** | **+** | **=** | **=** | **+** | **=** | **+** | **+** | **=** | 0 |
| 9 | **=** | **=** | **=** | **+** | **+** | **+** | **=** | **=** | **+** | **+** | **=** | **=** | **+** | **+** | **=** | **+** | **=** | **+** | **+** | **+** | **=** | **=** | 0 |
| 10 | **=** | **=** | **=** | **+** | **+** | **+** | **=** | **=** | **+** | **=** | **+** | **+** | **+** | **=** | **=** | **=** | **+** | **=** | **+** | **=** | **+** | **=** | 0 |
| 11 | **+** | **+** | **=** | **=** | **+** | **=** | **=** | **=** | **+** | **=** | **+** | **=** | **+** | **+** | **+** | **=** | **=** | **+** | **+** | **=** | **+** | **+** | 0 |
| PC |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0 |

For Questions 12-15, see antibody id panel # 3 below.

**Antibody Identification, Gel Panel #3**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Cell#** | **D** | **C** | **E** | **c** | **e** | **f** | **Cw** | **K** | **k** | **Fya** | **Fyb** | **Jka** | **Jkb** | **Xga** | **Lea** | **Leb** | **S** | **s** | **M** | **N** | **P1** | **Lua** | **AHG** |
| 1 | **+** | **+** | **=** | **=** | **+** | **=** | **+** | **+** | **+** | **+** | **=** | **+** | **=** | **+** | **=** | **+** | **+** | **+** | **+** | **+** | **=** | **=** | 2 |
| 2 | **+** | **+** | **=** | **=** | **+** | **=** | **=** | **+** | **+** | **+** | **+** | **+** | **=** | **+** | **+** | **=** | **=** | **+** | **+** | **+** | **=** | **=** | 2 |
| 3 | **+** | **=** | **+** | **+** | **=** | **=** | **=** | **=** | **+** | **=** | **+** | **=** | **+** | **+** | **=** | **+** | **+** | **+** | **+** | **=** | **+** | **+** | 2 |
| 4 | **+** | **=** | **=** | **+** | **+** | **+** | **=** | **=** | **+** | **=** | **=** | **+** | **+** | **=** | **=** | **+** | **+** | **=** | **=** | **+** | **+** | **=** | 2 |
| 5 | **=** | **+** | **=** | **+** | **+** | **+** | **=** | **=** | **+** | **+** | **+** | **=** | **+** | **+** | **=** | **+** | **+** | **+** | **+** | **+** | **+** | **=** | 2 |
| 6 | **=** | **=** | **+** | **+** | **+** | **+** | **=** | **=** | **+** | **=** | **+** | **+** | **=** | **+** | **=** | **+** | **+** | **+** | **+** | **+** | **=** | **=** | 2 |
| 7 | **=** | **=** | **=** | **+** | **+** | **+** | **=** | **+** | **+** | **=** | **+** | **+** | **+** | **+** | **=** | **=** | **+** | **=** | **+** | **=** | **+** | **=** | 2 |
| 8 | **=** | **=** | **=** | **+** | **+** | **+** | **=** | **=** | **+** | **=** | **+** | **+** | **=** | **+** | **+** | **=** | **=** | **+** | **=** | **+** | **+** | **=** | 2 |
| 9 | **=** | **=** | **=** | **+** | **+** | **+** | **=** | **=** | **+** | **+** | **=** | **=** | **+** | **+** | **=** | **+** | **=** | **+** | **+** | **+** | **=** | **=** | 2 |
| 10 | **=** | **=** | **=** | **+** | **+** | **+** | **=** | **=** | **+** | **=** | **+** | **+** | **+** | **=** | **=** | **=** | **+** | **=** | **+** | **=** | **+** | **=** | 2 |
| 11 | **+** | **+** | **=** | **=** | **+** | **=** | **=** | **=** | **+** | **=** | **+** | **=** | **+** | **+** | **+** | **=** | **=** | **+** | **+** | **=** | **+** | **+** | 2 |
| PC |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |