## Tcvkpi Gwkfg ILU-Gnqdg Cnwuvgt

- 1 [1] Allow 1 credit for *D*.
- 2 [1] Allow 1 credit. Acceptable responses include, but are not limited to:
  - because force *X* and force *Y* are equal
  - Forces X and Y are equal and opposite to keep the globe in a fixed position.
  - When forces *X* and *Y* are balanced, the object will not change its motion.
- 3 [1] Allow 1 credit for A.
- 4 [1] Allow 1 credit for *B*.
- 5 [1] Allow 1 credit. Acceptable responses include, but are not limited to:
  - Since the globe is at a lower position, the potential energy is less.
  - The potential energy decreases as the globe moves from position 1 to position 2.
  - the potential energy decreases

Ivg o Ankip o gpv
ILU - Gnqdg Cnwuvgt

Ivg o Pw o dgt	Rgthqt o cpeg Exrgevcvkqp
1	MS-PS2-5
2	MS-PS2-2
3	MS-PS2-3
4	MS-PS2-2
5	MS-PS3-2

## Tcvkpi Gwkfg ILU-Qticpku o u Cnwuvgt

1	[1]	Allow 1 credit for $D$ .
2	[1]	Allow 1 credit for <i>two</i> correct responses. Acceptable responses include, but are not limited to:
		— There are 4 limbs in both the chicken and the rabbit, and the fish has no legs.
		<ul> <li>The chicken and rabbit breathe air through lungs on land, while the fish breathes through gills in water.</li> </ul>
		<ul> <li>The mid- and late-stage chicken embryo looks similar to the mid- and late-stage rabbit embryo. Neither look like the fish embryo.</li> </ul>
3	[1]	Allow 1 credit for bird as the organism and correct evidence. Acceptable responses include, but are not limited to:
		— The way that the bones attach

Ivg o Ankip o gpv
ILU — Ipxguvki cvkpi Cjg o kecn Tgcevkqpu Cnwuvgt

Ivgo Pwodgt	Rgthqt o cpeg Exrgevcvkqp
1	MS-PS1-2
2	MS-PS1-1
3	MS-PS1-5
4	MS-PS1-2
5	MS-PS1-6