# Biology final exam. answer key

**Part I-** True/false item

| |
|---|
| 1. False |
| 2. True |
| 3. True |
| 4. True |
| 5. True |

**Part II-** choice item

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1. B | 6.B | 11.C | 16.C | 21.D | 26.B | 31.A | 36.A | 41.D |
| 2.A | 7.A | 12.D | 17.D | 22.C | 27.D | 32.B | 37.A | 42.C |
| 3.B | 8.D | 13.A | 18.D | 23.D | 28.B | 33.B | 38.D | 43.C |
| 4.D | 9.A | 14.- | 19.A | 24.C | 29.C | 34.D | 39.C | |
| 5.D | 10.A | 15.B | 20.C | 25.D | 30.B | 35.B | 40.B | |

Correction on question number 14 – all are parts of chloroplast.

**Part III-** fill in the blank

1. Osmoregulation
2. Pollution
3. Glucose
4. Dependent
5. Dicotyledonous
6. Gigantism

**Part IV** -Short answer

1. A. light dependent reaction
   B. light independent
2. Carbon dioxide and water
3. Chloroflourocarbons (CFCs)
4. Sulphurdioxide and nitrogen oxide
5. **Tropism** is direction-dependent plant response to stimuli.

- **Phototropism**- the way a plant grows or bends in response to light
- **Gravitropism** – the way a plant grows or bends in response to gravity
- **Hydrotropism**-the way a plant grows or bends in response to water
- **Thigmotropism**- the way a plant grows or bends in response to touch

Tropic response can be positive or negative**.** A positive response is when the plant moves toward or in the direction of the stimulus. A negative response is when a plant moves away from the stimulus. A negative response is when a plant moves away from the stimulus. Plants need water, mineral ion and also sun light for their growth, so to get such essential things plants should respond to different stimuli.

6. Seminal fluid, vaginal secretion, blood and milk