|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Topics asked at HL** | **2004** | **2005** | **2006** | **2007** | **2008** | **2009** | **2010** | **2011** | **2012** |
| The Scientific Method |  | 2 |  |  | 3 |  | 8 | 7 | 7(a) |
| The Characteristics of Life |  |  |  |  |  |  |  |  |  |
| Food |  | 1 | 7 | 1 | 1 | 1 | 1,8 | 1,8 | 1 |
| Ecology Theory | 10 | 12(a)(b) | 2,10(a) | 2,12 | 10(a)(b) | 3,11(b) | 5,12 | 3,10 | 11 |
| Pollution, Conservation and Waste | 5 |  | 10(c) |  | 10(c) | 11(a) |  |  | 4 |
| Study of an Ecosystem |  | 12(c) | 9,10(b) |  | 7 | 11(c) |  | 10(c) |  |
| Cell Structure |  |  | 8 |  |  |  | 8 |  | 2, 12(a) |
| Cell Diversity |  |  |  | 6 |  |  | 4 |  |  |
| Enzymes |  | 7 | 3 | 7, 11(c) | 9 | 9 | 14(b) |  | 9 |
| Photosynthesis | 11 | 4 | 11 | 9 | 14(a) | 12(c) | 8,14(a) |  | 12(b) |
| Respiration | 7 | 11 | 4 | 11 (a)(b) | 5 | 12(a)(b) |  | 6 | 12(c) |
| Diffusion & Osmosis |  |  |  |  |  |  | 14(c) |  |  |
| Cell Division |  | 5 |  | 3 | 2 | 5 |  | 2 |  |
| DNA & RNA | 13 | 8 | 7 | 10 | 14(b) |  | 8,10(a)(b) | 9 | 10(a) |
| Genetic Crosses | 3 | 10(b) (c) | 12(a)(b) | 5 | 11 | 10(a)(b) | 2,10(c) | 13(b) | 10(b) |
| Evolution | 2 |  | 12(c) |  |  | 10(c) |  | 13(a) | 6 |
| Genetic Engineering |  | 10(a) |  |  |  | 6 |  |  | 10(c) |
| Classification of Organisms |  |  |  |  |  |  |  |  |  |
| Monera |  | 15(b) | 15(b) | 14(b) | 15(c) |  | 15(c)(ii) |  |  |
| Fungi | 15 (c) | 9,15(c) |  | 8 |  | 14(c) | 8 |  | 8, 14(c) |
| Protista |  |  |  |  |  |  | 3 |  |  |
| Structure of Flowering Plants | 8 |  | 14(c) | 6 | 14(c) | 7 |  | 8(b) (iv) | 5, |
| Transport, Food Storage and Gas Exchange in Flowering Plants | 4 | 3(b), 14(a) | 6(a), 11(c) |  | 14(a) |  |  |  | 12(a) |
| Blood |  |  | 13(a) |  |  | 13(b) |  |  |  |
| The Heart & Blood Vessels | 9 |  |  | 13(a) |  | 13(a)(b) | 7 |  |  |
| **Topics asked at HL** | **2004** | **2005** | **2006** | **2007** | **2008** | **2009** | **2010** | **2011** | **2012** |
| The Lymphatic System |  |  | 13(c) |  |  |  |  |  |  |
| Human Nutrition | 6 | 6 | 3(a)(b) (c), 5 |  | 12 |  | 15(b) | 5 | 15(a) |
| Homeostasis | 12(a) |  |  | 15(c) |  | 15(c) |  |  | 15(c) |
| Human Breathing |  |  |  | 13(b) (c) |  | 13(c) |  | 8(b) (iii) |  |
| Excretion | 12(b) (c) | 3(a) | 13(b) | 15(c) | 13 |  | 15(c) | 12 |  |
| Plant Responses | 15(b) | 14(b) | 6(d),7 |  | 8 | 2 | 9 | 11(a) (b) |  |
| The Nervous System | 15(a) | 3(b), 14(c) | 14(b) |  | 4 | 15(c) | 11(a)(b) | 4 | 13(a) (b) |
| The Senses |  |  |  |  |  | 15(b) |  |  | 13(c) |
| The Endocrine System |  | 14(c) |  | 15(b) |  |  | 11(c) | 11(c) |  |
| The Musculoskeletal System |  | 3(d) | 15(a) |  | 15(a) | 4 |  |  | 3 |
| The Human Defence System |  | 15(a) | 6(e) | 14(c) |  | 15(c) |  |  | 15(b) |
| Viruses |  | 15(a) |  | 14(b) | 15(b) | 8,15(a) (c) | 6 |  |  |
| Sexual Reproduction in Flowering Plants | 14(a) | 7(g) | 7,14(a) | 14(a) |  | 15(a) | 13 |  | 14(a) |
| Vegetative Propagation |  |  |  |  |  |  |  |  |  |
| Human Reproduction | 14(b) (c) | 13 | 15(c) | 4, 15(a) | 6 | 14(a)(b) | 15(a)(c)(i) |  | 14(b) |