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| **2018 Semester 1 WATP Exam Analysis** | | Total Marks |  |
| Multi Choice Section | 1. Endocrine: glands | 1 |  |
| 2. Homeostasis | 1 |  |
| 3. Homeostasis: feedback loop | 1 |  |
| 4. Homeostasis: feedback loop | 1 |  |
| 5. Nervous: brain | 1 |  |
| 6. Nervous: brain | 1 |  |
| 7. Nervous: brain | 1 |  |
| 8. Endocrine: glands | 1 |  |
| 9. Endocrine: hormone | 1 |  |
| 10. Immune: disease transmission | 1 |  |
| 11. Immune: non-specific defence | 1 |  |
| 12. Immune: immunity | 1 |  |
| 13. Immune: antibody response | 1 |  |
| 14. Immune: herd immunity | 1 |  |
| 15. Nervous: reflex | 1 |  |
| 16. Immune: antibiotics | 1 |  |
| 17. Homeostasis: receptors | 1 |  |
| 18. Nervous: neurons | 1 |  |
| 19. Nervous: neurons | 1 |  |
| 20. Immune: nonspecific defence | 1 |  |
| 21. Homeostasis: gas concentration | 1 |  |
| 22. Endocrine: hormones | 1 |  |
| 23. SIS: mean | 1 |  |
| 24. SIS: percentage change | 1 |  |
| 25. Endocrine: glands | 1 |  |
| 26. Endocrine: hormones | 1 |  |
| 27. Immune: vaccine | 1 |  |
| 28. Immune: viruses | 1 |  |
| 29. Immune: viruses | 1 |  |
| 30. Nervous: reflex | 1 |  |
| Short answer 31 | a) homeostasis: temp | 3 |  |
| b) Hormones | 2 |  |
| c) Feedback loop: temp | 6 |  |
| d)Homeostasis: immune | 2 |  |
| Short Answer 32 | a) SIS: variables | 2 |  |
| b) SIS: control | 2 |  |
| c) SIS: graph | 5 |  |
| d) SIS: drawing conclusions | 2 |  |
| e). Nervous system: action potential | 5 |  |
| Short Answer 33 | a) Endocrine: pituitary | 3 |  |
| b) Endocrine: pituitary | 2 |  |
| c) Endocrine: hypothalamus/pituitary | 4 |  |
| d) Homeostasis: Water concentration | 6 |  |
| e) Endocrine: hormones and glands | 4 |  |
| Short Answer 34 | a) Immune/ reflex | 2 |  |
| b) Immune: non-specific | 6 |  |
| c) Endocrine: hormone | 2 |  |
| d) Hormones | 3 |  |
| e) Hormones | 3 |  |
| Short Answer 35 | a) Immune: antibodies | 2 |  |
| b) Immune: antibodies | 3 |  |
| c) Immune: vaccines | 2 |  |
| d) SIS: studies | 1 |  |
| Short Answer 36 | a) SIS: graph reading | 2 |  |
| b) Homeostasis: gas concentration | 3 |  |
| c) SIS: graph reading | 1 |  |
| d) Homeostasis: gas concentration | 5 |  |
| e) Endocrine: hormone action | 4 |  |
| Short Answer 37 | a) Nervous: reflex arc | 1 |  |
| b) Nervous: reflex arc | 1 |  |
| c) Nervous: neurons | 2 |  |
| d) Nervous: divisions | 5 |  |
| e) Nervous: reflex | 4 |  |
| Extended Response 38 | a) Homeostasis: hormones/ blood glucose | 12 |  |
| b) Endocrine: hyper/hypothyroidism | 8 |  |
| Extended Response 39 | a) Nervous: nerve transmission | 8 |  |
| b) Nervous: nerves/stimuli | 6 |  |
| c) Nervous/endocrine: comparison | 6 |  |
| Extended Response 40 | a) Immune: non-specific defence | 10 |  |
| b) Immune: cell mediated response | 10 |  |
|  |  | 170 |  |
|  |  | 100 |  |