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| **Topic** | | **RAG** | **RAG** | **RAG** |
| Nervous system | Central & peripheral |  |  |  |
|  | Somatic & autonomic |  |  |  |
| Neurons | Sensory, relay & motor neurons |  |  |  |
|  | Synaptic transmission |  |  |  |
|  | Neurotransmitters |  |  |  |
|  | Exhibitory and inhibitory |  |  |  |
| Endocrine system | Hormones & glands |  |  |  |
| Fight or flight response | The role of adrenaline |  |  |  |
| The Brain | Localisation of function |  |  |  |
|  | Hemispheric lateralisation |  |  |  |
| Brain function | Explain the function of the Motor cortex |  |  |  |
|  | Explain the function of the Somatosensory cortex |  |  |  |
|  | Explain the function of the Visual cortex |  |  |  |
|  | Explain the function of the Auditory cortex |  |  |  |
|  | Explain the function of the Language centres |  |  |  |
|  | Explain the function of the Broca’s and Wernicke’s areas |  |  |  |
|  | Evaluate research into localisation of brain function |  |  |  |
|  | Explain the function of the Split brain research |  |  |  |
|  | Outline and evaluate research into Plasticity |  |  |  |
|  | Outline and evaluate research Functional recovery of the brain after stroke or injury |  |  |  |
| Scanning techniques | Outline and evaluate Functional magnetic resonance imaging (fMRI) |  |  |  |
|  | Outline and evaluate Electroencephalogram (EEG) |  |  |  |
|  | Outline and evaluate Event related potentials (ERPs) |  |  |  |
|  | Outline and evaluate Post mortem examinations |  |  |  |
| Biological rhythms | Outline and evaluate Circadian rhythms |  |  |  |
|  | Outline and evaluate Infradian rhythms |  |  |  |
|  | Outline and evaluate Ultradian rhythms |  |  |  |
|  | The difference between biological rhythms |  |  |  |
|  | Endogenous pacemakers role in the sleep/wake cycle |  |  |  |
|  | External zeitgebers role in the sleep/wake cycle |  |  |  |

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