

Answer Sheet Test 1

I/ Reading Comprehension

1. **Substantial**: Large and significant
2. **Outperformed**: Did better than
3. **Does not count. To be suppressed**
4. **Tangible**: Slightly noticeable
5. **Sustained** : Continuous over time
6. **Evolving** : Gradually developing or changing over time
7. **What is the central focus of the paragraph?**
The rapid development, adoption, and regulation of AI across multiple sectors
8. **Which example in the paragraph best illustrates AI's impact on everyday life?**
The approval of AI-enabled medical devices and use of self-driving vehicles
9. **According to the paragraph, which factor has contributed to wider accessibility of advanced AI?** A dramatic reduction in hardware and inference costs
10. **What does the paragraph suggest about the global AI landscape?**
More countries are becoming active contributors to AI progress and policy

II/ Language Structure (5 pts)

1. Analysis
2. Assignment
3. Whose
4. Which
5. was processed
6. are
7. were
8. had been
9. ought to
10. might

III/Computer Quiz (5 pts)

1. **CPU**: Central Processing Unit
2. **LLMs**: Large Language Models
3. **GPT** : Generative Pre-trained Transformer
4. **RAG** : Retrieval Augmented Generation
5. **APIs** : Application Programming Interfaces
6. **UT** : Unit Test
7. **GPU** : Graphics Processing Unit
8. **TPU** : Tensor Processing Unit
9. **DNA** : Deoxyribonucleic Acid
10. **HTS** : High Throughput Sequencing

IV/ Computer Terminology (5 pts)

1. An AI system that integrates multiple types of data.
2. The use of Artificial Intelligence to assist in identifying diseases and medical conditions
3. It translates high-level programming code into machine code.
4. A language that uses human-readable syntax and abstracts away hardware details
5. An open source library for Machine Learning and Deep Learning
6. An open-source Python library for machine learning and data analysis
7. One of the first AI chatbots, created in the 1960s to simulate conversation
8. A supercomputer developed by IBM that defeated a world chess champion
9. The complete order of nucleotides (A, T, C, G) in the DNA of an organism
10. Rarely accessed or inactive data stored for long-term retention