## **Evaluation Result**

#### Student Answer:

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### 1. Define UNCERTAINTY PRINCIPLE?

Measurements of quantum systems show characteristics of both particles and waves (wave-particle duality), and there are limits to how accurately the

value of a physical quantity can be predicted prior to its measurement, given a complete set of initial conditions (the uncertainty principle).

2. Explain in detail WAVE-PARTICLE DUALITY?

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3. What do you mean by QUANTUM CHEMISTRy?

[2]:1.1 It is the foundation of all quantum physics, which includes quantum chemistry, quantum field theory, quantum technology, and quantum information science.

4. Write a short note on INFORMATION SCIENCE.

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10.0/10

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