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Evolving Science: Changing facts and fixed beliefs

The author highlights a Physics teacher experiment of dropping a feather and a hammer in a vacuum, which reveals that accepted beliefs are different from real evidence. People possess half formed knowledge that are challenged by experiments. Schools discourage questioning and promote cramming undermining curiosity. Researchers shifting views on coffee or egg demonstrate that how science is evolving. Science progresses through reasoning, experimentation and questioning rather than fixed knowledge. Consequently, people prefer fixed explanations instead of understanding that world is uncertain and still evolves.

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Question no. 3:**1) Jubilant**

Blissful ✓

2) Latent

Multifarious ✗

3) Ruse

Stratagem ✓

4) Quagmire

Quandry ✓

5) Panacea

Sanctimonious ✗

6) Magnanimous

Zenith ✗

7) Languid

Hackneyed ✓

8) Modicum

Obsequious ✗

9) Neophyte

Black ✗

10) Hapless

Unlucky ✓

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Question no. 2:

Reading Comprehension

1)

Answer:

✓ The author explained that intelligence has evolved through different stages. In past, it was linked with wisdom. During industrial age, it became a matter of

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practical knowledge. In the digital era, intelligence has redefined as the ability to react fast rather than thinking.

3)

Answer:

✓ Technology has made information easily available but it also has reduced the ability to turn knowledge into wisdom. Answers are readily available and people feel no need to think or reflect.

3

According to the author, machine

provide data but wisdom comes from understanding, interpreting and thinking properly about knowledge.

4)

Answer:

✓ The author believes that the most valuable intelligence in the future will be thinking slowly, clearly and independently.

3

Intelligence is not merely about collecting data but using knowledge wisely. Clarity in thinking is crucial even in the fastest world.

2)

Answer

The author said that valuing speed over reflection leads to confusion reaction with understanding. When people focus on

1 reacting fast, they lose the habit of critical thinking. The author ~~em~~ emphasize over speed which weakens intelligence and deep thinking ability.