The rise of artificial intelligence (AI) has dramatically altered the landscape of information dissemination, intensifying concerns about the spread of fake news and manipulation. AI-driven technologies, such as natural language processing (NLP) and advanced deep learning models, can generate highly convincing fake news articles that many readers struggle to differentiate from legitimate sources. A University of Maryland study shows that 66% of participants believed AI-generated fake news articles, compared to only 44% for those written by humans. The impact of this technology is amplified by AI algorithms used on social media platforms, which prioritize sensational and engaging content. As a result, a 2018 MIT study revealed that fake news spreads six times faster on Twitter than factual news. AI algorithms often **exacerbate** the problem by promoting misleading content, creating echo chambers that reinforce false beliefs. Efforts to combat the spread of AI-generated misinformation have not kept pace; for instance, the Poynter Institute reports that only 20% of viral fake news is addressed by fact-checking organizations. Furthermore, AI-powered tools designed to detect fake news face challenges, as they frequently struggle with context-specific or ambiguous claims.

1. **We can draw/ conclude/ infer / understand** from the results of the study at the University of Maryland that -----.

A) fake news generated by humans in script surpassed AI-generated fake news articles

B) fake news articles created by AI were not as convincing as the ones created by humans in written form

C) test subjects tended to depend more on AI generated fake news

D) whether fake news was AI generated, or human induced did not make a difference at all

E) it has been proven that AI generated fake news has a far higher belief rate than fake news created by humans in written texts

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2. **The underlined word 'exacerbate' in the passage is closest in meaning to ----.**

A) boast

B) unveil

C) revive

D) aggravate

E) suggest

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3. **Which of the following is <u>true</u> according to the passage?**

A) When it comes to eliminating and spotting fake news, AI-powered tools are highly efficient.

B) Test results revealed by two different research groups are at odds with each other.

C) It is too soon to make a comment on how AI could impact the dissemination of fake news.

D) How and why fake news attract people on social media needs to be studied thoroughly

E) The advent of artificial intelligence has raised various concerns about how fake news can be spread

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4. **The best title for the passage can be -----.**

A) How AI transformed the way fake news is spread

B) Several studied on the effects of AI

C) The way people can be manipulated through fake news.

D) Social platforms are dominated by AI

E) Several efforts to avoid AI generated fake news

5. **The writer's attitude in the passage towards the use of AI sounds ----.**

A) ignorant

B) sceptic

C) apprehensive

D) unintelligible

E) ironic