* image generated by photoshop AI

Time: 20 minutes. Discuss with your team, but PLEASE do not use Google, ChatGPT, phones, laptops, or any form of connection to the internet.

Team Number	Team Lead	Score

Please complete the Answer rows with your choices:

Q	1	2	3	4	5	6	7	8	9	10
Answer										
Score										

Q	11	12	13	14	15	16	17	18	19	20
Answer										
Score										

image generated by photoshop AI

1. National AI Research Resource
  ○ Please circle A or B for the correct answer

On January 1, 2021, the U.S. Congress authorized the National AI Research Resource Task Force Act as part of the National Defense Authorization Act for Fiscal Year 2021.	On June 30, 2017, the U.S. Congress authorized the National AI Research Resource Task Force Act as part of the National Defense Authorization Act for Fiscal Year 2018.
(A)	(B)

2. Which face is real?
  ○ Please circle A or B for the real (not AI-generated) image

(A)	(B)

3. DALL-E 3 vs Midjourney: Let's dance!

- ○ Please circle A or B for the **DALL-E 3** generated image in response to the same prompt: "*A 2D animation of a folk music band composed of anthropomorphic autumn leaves, each playing traditional bluegrass instruments, amidst a rustic forest setting dappled with the soft light of a harvest moon.*"

| (A) | (B) |

4. Fei-Fei's ImageNet paper

- ○ Please circle A or B for human-generated (not ChatGPT-fabricated)

ImageNet leverages the enigmatic structure of WordWeb, a lexicon beyond comprehension. Each meaningful concept in WordWeb, possibly described by multiple words or word riddles, is referred to as a 'synonym megaplex' or 'synsonet.' There are approximately 80,000,000 noun synsonets in WordWeb, or maybe more. In the enchanting world of ImageNet, we strive to flood each synsonet with a fluctuating 50 to 1,000,000 images, depending on our mood. Images of each concept are casually collected from the vast abyss of the internet and remain untouched, as we're too busy for quality control.	ImageNet uses the hierarchical structure of WordNet. Each meaningful concept in WordNet, possibly described by multiple words or word phrases, is called a "synonym set" or "synset". There are around 80,000 noun synsets in WordNet. In ImageNet, we aim to provide on average 500-1000 images to illustrate each synset. Images of each concept are quality-controlled and human-annotated. ImageNet, therefore, will offer tens of millions of cleanly sorted images. In this paper, we report the current version of ImageNet, consisting of 12 "subtrees": mammal, bird, fish, reptile, amphibian, vehicle, furniture, musical instrument, geological formation, tool, flower, fruit.
(A)	(B)

5. Biden meets HAI

U.S. President Joe Biden met with leaders in AI including Stanford HAI Co-Director Fei-Fei Li and HAI Associate Director Rob Reich to discuss the opportunities and risks of artificial intelligence. The forum took place in San Francisco, California, on June 20, 2023.	U.S. President Joe Biden met with leaders in AI including Stanford HAI Co-Director Fei-Fei Li and HAI Associate Director Rob Reich to discuss the opportunities and risks of artificial intelligence. The forum took place in San Jose, California, on August 2, 2023.
(A)	(B)

6. These Cats Do Not Exist (thanks StyleGAN)

(A)	(B)

7. AI Index 2023: ethical misuse of AI

According to the AIAAIC database, which tracks incidents related to the ethical misuse of AI, the number of AI incidents and controversies has increased 20,000 times since 2015.	According to the AIAAIC database, which tracks incidents related to the ethical misuse of AI, the number of AI incidents and controversies has increased 26 times since 2012.
(A)	(B)

8. HAI Industry Affiliate Members

Google, IBM, Wells Fargo, Accenture, McKinsey, SCBx, PepsiCo, LVMH	Google, IBM, Wells Fargo, Accenture, McKinsey, SCBx, Walmart, LVMH
(A)	(B)

9. Attention is All You Need
○ Please circle A or B for the correct authors

"Attention Is All You Need" was authored by Ashish Vaswani, Noam Shazeer, Niki Parmar, Jakob Uszkoreit, Llion Jones, Aidan N. Gomez, Łukasz Kaiser, and Illia Polosukhin. It was published in 2017 and introduced the Transformer model, which has since become foundational in NLP and ML.	"Attention Is All You Need" was authored by Illia Smith, Noam Vaswani, Jakob Patel, Niki Taylor, Ashish Williams, Aidan N. Brown, Łukasz Davis, and Llion Polosukhin. It was published in 2017 and introduced the Transformer model, which has since become foundational in NLP and ML.
(A)	(B)

10. DALL-E 3 vs Midjourney: Dancer's desire
○ Please circle A or B for the **DALL-E 3** generated image in response to the same prompt: "*In front of a deep black backdrop, a figure of middle years, her Tongan skin rich and glowing, is captured mid-twirl, her curly hair flowing like a storm behind her. Her attire resembles a whirlwind of marble and porcelain fragments. Illuminated by the gleam of scattered porcelain shards, creating a dreamlike atmosphere, the dancer manages to appear fragmented, yet maintains a harmonious and fluid form.*"

(A)	(B)

11. AI Index 2023: Industrial Robots
○ Please circle A or B for the correct answer

In 2013, Japan overtook Germany as the nation installing the most industrial robots. Since then, the gap between the total number of industrial robots installed by Japan and the next-nearest nation has widened. In 2021, Japan installed more industrial robots than the rest of the world combined.	In 2013, China overtook Japan as the nation installing the most industrial robots. Since then, the gap between the total number of industrial robots installed by China and the next-nearest nation has widened. In 2021, China installed more industrial robots than the rest of the world combined.
(A)	(B)

12. Ray-Ban Meta Glasses
○ Please circle A or B for the correct answer

Last month, Meta Connect, in partnership with Carl Zeiss, announced the next-generation Ray-Ban Meta smart glasses collection. The collection was redesigned from the ground up, improving all the core features of the first generation while adding new capabilities that have never been seen on a pair of smart glasses before. They start at $499 USD. Pre-orders are open now on meta.com and ray-ban.com, and the smart glasses will be available for purchase online and in retail stores starting December 20.	Last month, Meta Connect, in partnership with EssilorLuxottica, announced the next-generation Ray-Ban Meta smart glasses collection. The collection was redesigned from the ground up, improving all the core features of the first generation while adding new capabilities that have never been seen on a pair of smart glasses before. They start at $299 USD. Pre-orders are open now on meta.com and ray-ban.com, and the smart glasses will be available for purchase online and in retail stores starting October 17.
(A)	(B)

13. Congressional Boot Camp on AI
○ Please circle A or B for the correct answer

The multi-day (August 7-9, 2023), bi-partisan boot camp unpacked what AI means for international security, future of work, and healthcare. Hundreds of Capitol Hill denizens applied for the camp's 120 slots, an 80 percent increase from 2022. Attendees included aides for Rep. Ted Lieu (D-Calif.) and Sen. Rick Scott (R-Fla.), as well as policy analysts and lawyers for House and Senate committees on commerce, foreign affairs, strategic trade with China and more.	The multi-day (August 7-9, 2023), bi-partisan boot camp unpacked what AI means for international security, future of work, and healthcare. Hundreds of Capitol Hill denizens applied for the camp's 28 slots, a 40 percent increase from 2022. Attendees included aides for Rep. Ted Lieu (D-Calif.) and Sen. Rick Scott (R-Fla.), as well as policy analysts and lawyers for House and Senate committees on commerce, foreign affairs, strategic trade with China and more.
(A)	(B)

14. HAI graduate and postdoc fellows, 2022 versus 2023
○ Please circle A or B for the 2023 fellows

(A)	(B)

15. James Landay's Book Title [second edition]
○ Please circle A or B for the correct answer

Crafting Compelling Websites: Guiding Principles, Processes, and Patterns for Customer-Centric Web Design	The Design of Sites: Patterns for Creating Winning Web Sites
(A)	(B)

16. From Erik Brynjolfsson's 1990 PhD Thesis: Does information technology lead to change in firm size?
○ Please circle A or B for the correct finding

Using data from different sources, we have been able to clearly document a relationship between increased levels of information technology usage and smaller firm size. The decline in firm size is greatest with a lag of two years following investments in information technology, suggesting that the impacts of the new technology are not fully felt immediately.	Using data from different sources, we have been able to clearly document a relationship between increased levels of information technology usage and larger firm size. The growth in firm size is greatest with a lag of two years following investments in information technology, suggesting that the impacts of the new technology are not fully felt immediately.
(A)	(B)

17. Johannes Eichstaedt's expedition in Peru

○ Please circle A or B for the correct answer

Amazing moments captured by Johannes	Nah – these are AI-generated
(A)	(B)

18. An actual tweet by Percy Liang
○ Please circle A or B for the correct answer

Percy Liang @percyliang ··· Alpaca red-teaming efforts are ongoing! Please do NOT believe NYT. Fake News! 7:39 AM · Sep 4, 2023 · 2,186 views	**Percy Liang** @percyliang ··· The "knowledge base interface" (as promoted by Cyc, graphical models, foundation models) has always appealed more to me than the "supervised learning interface". Rather than optimizing for a specific task, invest in a general-purpose engine that you can query in a myriad of ways. 7:39 AM · Sep 4, 2023 · **2,186** Views
(A)	(B)

19. 2023: HAI-Google Research Collaborations
○ Please circle A or B for the correct answer

9 tokens and 5 visiting scholars	14 tokens and 0 visiting scholars
(A)	(B)

20. Generative Agents: Interactive Simulacra of Human Behavior
○ Please circle A or B for the correct HAI industry affiliate whose HAI research token funded Michael Bernstein's work.

IBM Research	Google Research
(A)	(B)