World Artificial Intelligence Olympiad — Sample Paper

✨ Grade Group 6–8

1. **AI stands for:**
   A) Advanced Intelligence
   B) Artificial Intelligence
   C) Automatic Internet
   D) Artificial Integration

2. **Which of these is NOT an example of AI?**
   A) Virtual assistant like Alexa
   B) Smart email filters
   C) Washing machine
   D) Self-driving car

3. **A robot is an example of:**
   A) Software only
   B) AI hardware and software
   C) AI software only
   D) Mobile app

4. **A chatbot uses AI to:**
   A) Water plants
   B) Answer questions online
   C) Cook food
   D) Write books

5. **AI that learns by example is called:**
   A) Rule-based AI
   B) Machine Learning
   C) Fixed AI
   D) Human Intelligence

6. **Which of these is a famous AI game?**
   A) Snake
   B) Chess with Deep Blue
   C) Tetris
   D) Angry Birds

7. **Facial recognition uses AI to identify:**
   A) Sounds
   B) Colors
   C) People's faces
   D) Passwords

8. **A voice assistant like Siri uses which AI technology?**
   A) Data mining
   B) Natural Language Processing
   C) Computer Vision
   D) Augmented Reality

9. **AI needs lots of:**
   A) Teachers
   B) Data
   C) Batteries
   D) Fans

10. **AI used in spam filters helps:**
    A) Create spam
    B) Find spam emails
    C) Delete important emails
    D) Buy emails

✨ Grade Group 9–11

11. **An AI system that plays chess is an example of:**
    A) General AI
    B) Narrow AI
    C) Super AI
    D) Human-level AI

12. **A neural network is inspired by:**
    A) Internet cables
    B) Human brain
    C) Electrical wires
    D) DNA

13. **Training AI needs:**
    A) No data
    B) Small data only
    C) Large labeled data sets
    D) Random numbers

14. **Bias in AI happens when:**
    A) It's too slow
    B) It uses biased data
    C) It runs out of battery
    D) It overlearns

15. **An AI that can drive a car needs:**
    A) Vision, sensors, decision-making
    B) Google Maps only
    C) Just a camera
    D) Manual driver

16. **AI used in Netflix recommendations is:**
    A) Self-driving AI
    B) Recommendation system
    C) Chatbot AI
    D) Vision AI

17. **Which of these fields does NOT use AI?**
    A) Healthcare
    B) Agriculture
    C) Banking
    D) Candle making

18. **AI ethics deals with:**
    A) How to build robots
    B) Legal and moral issues of AI use
    C) How to code faster
    D) How to use Google

19. **An AI-generated image is made by:**
    A) Data entry
    B) AI model learning from images
    C) Photoshop filters
    D) Google search

20. **What is "Turing Test" used for?**
    A) Test robot speed
    B) See if AI acts human-like
    C) Measure internet speed
    D) Test programming skills

✨ Grade Group 11–12

21. **Deep Learning is a subfield of:**
    A) Robotics
    B) Machine Learning
    C) Programming
    D) Data Science

22. **Generative AI can:**
    A) Only read text
    B) Create new content like text, images
    C) Only summarize data
    D) Only analyze data

23. **AI hallucination refers to:**
    A) Robot dreaming
    B) AI making up false but confident answers
    C) AI overheating
    D) AI losing memory

24. **AI in autonomous vehicles uses:**
    A) Object detection, decision making
    B) Only GPS
    C) Manual override
    D) Driver signals

25. **Reinforcement Learning uses:**
A) Fixed rules
B) Trial-and-error feedback
C) Stored answers
D) Pre-written scripts

26. **GPT models are trained to:**
A) Drive cars
B) Predict next words in a sentence
C) Recognize images
D) Play music

27. **A famous AI that defeated human Go champion:**
A) Deep Blue
B) AlphaGo
C) Watson
D) OpenAI Five

28. **Explainable AI focuses on:**
A) Making AI decisions transparent
B) Explaining human decisions
C) Making AI learn faster
D) Preventing AI bias

29. **Which job is least threatened by AI automation?**
A) Data entry clerk
B) Creative director
C) Taxi driver
D) Telecaller

30. **A limitation of current AI systems:**
A) They are conscious
B) They generalize poorly outside training data
C) They have human emotions
D) They learn without data