| **Prompt Type** | **Prompt Example** | **Model's Response Summary** |
| --- | --- | --- |
|  |  |  |
| **1. Instructional** | *Explain how AI helps teachers personalize learning.* | Describes personalized learning using AI (e.g., adaptive quizzes, feedback tools). |
|  | *Write a short paragraph on benefits of AI in classrooms.* | Generates a concise paragraph about engagement, accessibility, speed. |
|  | *List three AI tools used in education.* | Gives examples like ChatGPT, Khanmigo, or Grammarly. |
|  | *Summarize the challenges of using AI in schools.* | Talks about data privacy, cost, and teacher training. |
|  | *Create a tweet promoting AI in education.* | Generates a catchy tweet like “AI is the future of learning — customized, faster, smarter. #EdTech” |
| **2. Interrogative** | *What is AI in education?* | Defines AI in educational context. |
|  | *How does ChatGPT help students?* | Explains use in answering questions, tutoring, writing. |
|  | *Why is personalized learning important?* | Gives reasons like engagement and better outcomes. |
|  | *When did AI start being used in classrooms?* | Gives rough historical adoption timeline. |
|  | *Who benefits most from AI tutoring?* | Identifies students with learning difficulties, remote learners. |
| **3. Zero-Shot** | *Translate this to Hindi: "AI is transforming education."* | “एआई शिक्षा को बदल रहा है।” |
|  | *Write a haiku about AI in school.* | Generates a 3-line poem, e.g., “Lessons never end / Machine minds help us explore / New ways to be taught.” |
|  | *Summarize: AI can personalize education using data.* | Gives a short version like “AI uses data to tailor learning.” |
|  | *Make a slogan about AI for kids.* | “Smart tech, smart kids!” |
|  | *Give pros and cons of AI in learning.* | Lists pros and cons without needing examples first. |
| **4. Few-Shot** | Prompt: Q: What is 2+2? A: 4 Q: What is 3+3? A: 6 Q: What is 5+1? A: | A: 6 (Follows pattern of simple arithmetic) |
|  | Prompt: Informal: Gonna skip class tmrw. Formal: I will not attend class tomorrow. Informal: Wanna join the coding event? Formal: | “Would you like to attend the coding event?” |
|  | Prompt: Input: AI makes learning fun. Output: Positive Input: AI replaces teachers. Output: Negative Input: AI gives real-time feedback. Output: | “Positive” (Classification) |
|  | Prompt: Q: Define AI. A: Artificial Intelligence. Q: Define ML. A: Machine Learning. Q: Define NLP. A: | “Natural Language Processing.” |
|  | Prompt: Summarize: “AI tools help teachers save time.” Summary: “AI assists teachers efficiently.” Summarize: “AI adapts lessons for students.” Summary: | “AI personalizes student learning.” |
| **5. Chain-of-Thought** | *If AI helps a student reduce study time by 1 hour per day, how much time is saved in 5 days? Let's think step by step.* | Step-by-step: 1 hour/day → 5 days = 5 hours saved. |
|  | *A student uses AI to write faster. If they used to write essays in 2 hours and now take 1.5 hours, how much time is saved per week (5 essays)? Think step by step.* | Calculates 0.5 hours saved per essay × 5 essays = 2.5 hours. |
|  | *AI scores tests instantly. If a teacher scores 30 tests in 3 hours, how fast is AI if it does it in 15 mins? Let’s think step by step.* | Calculates and compares speed (AI = 12x faster). |
|  | *What’s the benefit of AI helping with homework? Let’s reason it out.* | Gives a structured answer: faster help → reduced frustration → more learning. |
|  | *Why is AI not a full replacement for teachers? Let’s think step by step.* | Explains: lacks human empathy → limited creativity → support role only. |