AIDD 30-DAYS-CHALLENGE (TASK-03)

By **Sunaina-Ismail**

PART A — Research Questions

1. What new improvements were introduced in Gemini 3.0?

Gemini 3.0 is Google's smartest model yet. Its biggest improvements are better reasoning (thinking through problems) and "**Deep Think**" mode for solving very hard tasks. It also understands nuance (small, subtle details) much better. Additionally, it has reduced sycophancy, which means it will give you an honest answer instead of just agreeing with you to be nice.

2. How does Gemini 3.0 improve coding & automation workflows?

Gemini 3.0 changes from being just a tool to being an "**active partner**." It is great at "vibe coding" (creating apps that feel and look right) and can work autonomously. This means it can plan a

whole project, write the code, and check for errors all by itself without needing a human to guide every single step.

3. How does Gemini 3.0 improve multimodal understanding?

Gemini 3.0 is excellent at multimodal tasks, meaning it can understand text, images, audio, video, and code all at the same time. For example, the text says it can read handwritten recipes from a picture or watch a video of you playing sports (like pickleball) and give you coaching advice on how to improve.

4. Name any two developer tools introduced with Gemini 3.0

Two new tools mentioned for developers are:

Google Antigravity (A new platform for building AI agents).

Gemini CLI (A command-line tool for developers to use Gemini).

PART B — Practical Task

Screenshot:

```
Tips for getting started:
1. Ask questions, edit files, or run commands.
2. Be specific for the best results.
3. /help for more information.

> /model

    Select Model

    Gemini 3 is now enabled.
    To disable Gemini 3, disable "Preview features" in /settings.
    Learn more at https://goo.gle/enable-preview-features

    When you select Auto or Pro, Gemini CLI will attempt to use gemini-3-pro-preview first, before falling back to gemini-2.5-pro.


      1. Auto
         Let the system choose the best model for your task.
      2. Pro (gemini-3-pro-preview, gemini-2.5-pro)
         For complex tasks that require deep reasoning and creativity
      3. Flash (gemini-2.5-flash)
         For tasks that need a balance of speed and reasoning
    ● 4. Flash-Lite (gemini-2.5-flash-lite)
         For simple tasks that need to be done quickly

    To use a specific Gemini model on startup, use the --model flag.

    (Press Esc to close)
```

```
> GEMINI

Tips for getting started:
1. Ask questions, edit files, or run commands.
2. Be specific for the best results.
3. /help for more information.




Using: 1 GEMINI.md file
> █ Type your message or @path/to/file

D:\aidd_30_days_challange\task_02 (main*)                    no sandbox (see /docs)                    gemini-3
```