

## \*\*\*\*\* AIDD 30-Day Challenge Task 3 \*\*\*\*\*

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Slot: Friday(6 to 9)

### PART A:

Question 1: What new improvements were introduced in Gemini 3.0?

Answer 1: Gemini 3.0 mein Google ne model ko zyada powerful banaya hai.

Isme better reasoning, bohat bada context window, fast performance aur strong multimodal abilities add ki gayi hain. Model ab text, image, audio, video ko zyada smart tariqe se samajhta hai.

Question 2: How does Gemini 3.0 improve coding & automation workflows?

Answer 2: Gemini 3.0 coding ke liye zyada accurate suggestions deta hai, bugs identify karta hai, aur poora code generate kar sakta hai. Isme function calling feature hai jo automation tasks ko asaan banata hai. Developers ko scripts, APIs aur tools ke sath kaam karna simple ho jata hai.

Question 3: How does Gemini 3.0 improve multimodal understanding?

Answer 3: Gemini 3.0 ek hi model mein text, image, audio, aur video ko combine karke samajh sakta hai. Yeh cross modal reasoning kar sakta hai jaise image dekh kar text explain karna, ya video dekh kar analysis karna. Isse model zyada natural aur human-style understanding deta hai.

Question 4: Name any two developer tools introduced with Gemini 3.0.

Answer 4:

**1: Function Calling API:** jisse model real tools ya APIs ko call kar sakta hai.

**2: Google GenAI SDK:** Python aur JavaScript ke liye libraries jisse developers easily Gemini ko apps mein use kar sakte hain.

### PART B:

```
Microsoft Windows [Version 10.0.19045.6456]
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C:\Users\DELL>gemini --version
(node:16080) [DEP0040] DeprecationWarning: The `punycode` module is deprecated. Please use a userland alternative instead.
(Use `node --trace-deprecation ...` to show where the warning was created)
0.15.3

C:\Users\DELL>gemini config set model gemini-3.0-flash
(node:21248) [DEP0040] DeprecationWarning: The `punycode` module is deprecated. Please use a userland alternative instead.
(Use `node --trace-deprecation ...` to show where the warning was created)
(node:14656) [DEP0040] DeprecationWarning: The `punycode` module is deprecated. Please use a userland alternative instead.
(Use `node --trace-deprecation ...` to show where the warning was created)

Loaded cached credentials
Attempt 1 failed: You have exhausted your capacity on this model. Your quota will reset after 4s.. Retrying after 4019.5988490000004ms...
Okay, I'm ready for your first command.
```