30 PRACTICE QUESTIONS (Core + OOP Revision Set)

SECTION 1 — Variables, Data Types, Operators (5 Questions)

Q1. Java me primitive aur non-primitive data types me difference example ke saath batao.

Q2. Ek program banao jisme 3 variables (int, float, String) declare karo aur unhe print karo.

Q3. Ek program likho jo user se 2 numbers le kar unka sum, subtract, multiply, divide print kare.

Q4. Java me implicit casting aur explicit casting ka example likho.

Q5. final keyword variable par use karte ho to kya hota hai? Example do.

SECTION 2 — Loops + Conditions (5 Questions)

Q6. For loop use karke 1 se 100 tak even numbers print karo.

Q7. Aise program banao jo ek number input le aur check kare ki prime hai ya nahi.

Q8. While loop se 1–10 table print karo.

Q9. Switch-case ka ek program banao jisme 1 → Monday, 2 → Tuesday… print kare.

Q10. Continue aur break ke beech difference example ke saath batao.

SECTION 3 — Methods (5 Questions)

Q11. Ek method banao jo 2 numbers le aur unka sum return kare.

Q12. Method overloading ka real example do (2–3 overloaded methods).

Q13. Ek method banao jo string input lekar uska length return kare.

Q14. Static method aur non-static method ka difference code example ke saath batao.

Q15. Pass-by-value Java me kaise kaam karta hai? Example do.

SECTION 4 — OOP Basics + Constructors (5 Questions)

Q16. Class aur Object me difference explain karo.

Q17. Ek Student class banao jisme name, age ho. Constructor se initialize karo aur object ka detail print karo.

Q18. this keyword ke 3 uses example ke saath batao.

Q19. Default constructor kab banega aur kab nahi banega? Explain.

Q20. Constructor chaining (this()) ka example banao.

SECTION 5 — Inheritance + super keyword (5 Questions)

Q21. Single inheritance ka example banao — Parent class aur Child class ke saath.

Q22. super keyword ka use — variable + method + constructor call — teenon example do.

Q23. Ek program banao jisme Parent class me show() ho aur Child class me override ho.

Q24. Java me multiple inheritance kyun allowed nahi hai? Real-world explanation do.

Q25. Constructor calling order (parent → child) example ke saath explain karo.

SECTION 6 — Static, Final, Arrays, Strings, Packages (5 Questions)

Q26. static variable and static method ka example likho jisme count of objects track ho.

Q27. final class, final method, final variable — teenon ka example do.

Q28. User se 5 numbers input lekar unka maximum find karo (array use karo).

Q29. StringBuilder aur StringBuffer me difference batao + example likho.

Q30. Ek package banao (myapp.models) jisme Employee class ho, aur main class dusre package me ho — program likho.