

3- Match each project management methodology with its description.

1. Agile
2. Waterfall
3. Scrum
4. Kanban
5. Lean
6. Extreme Programming (XP)
7. PRINCE2
8. Agile Project Management (APM)
9. Spiral
10. PMBOK



Descriptions:

- a. Follows a sequential approach with distinct phases for each stage of development.
- b. Combines elements of agile and waterfall methodologies, suitable for projects with high uncertainty.
- c. Emphasizes self-organizing, cross-functional teams working in short iterations called sprints.
- d. Aims to maximize customer value while minimizing waste, emphasizing delivering value quickly and continuous improvement.
- e. Emphasizes technical excellence, customer involvement, and rapid feedback through practices like pair programming and test-driven development.
- f. Provides a structured framework for planning, managing, and controlling projects with defined roles, processes, and templates.
- g. Combines agile principles with project management practices, focusing on empowering teams and delivering value iteratively.
- h. Comprehensive guide to project management principles and practices covering areas such as project initiation, planning, execution, monitoring and controlling, and closing.
- i. Prioritizes flexibility, collaboration, and iterative development in short iterations or sprints.
- j. Visualizes work on a Kanban board, limiting work in progress (WIP) and optimizing flow.

