**Key Figures from: “The PM Answer Book”** (Jeff Furman, PMP)

|  |  |
| --- | --- |
| **Figure** | **Page #** |
|  |  |
| Top 10 Elements in the Project Charter (Template) | 3  |
| Types of Automated Tools for PM Efficiency | 11 |
| The Deming Cycle | 12 |
| Top 10 Features of Automated Project Scheduling Software (e.g., MS Project) | 18 |
| Starting a Lessons-Learned Database | 21 |
| Key Components of the Project Management Plan | 26 |
|  |  |
| Keys to a Good Change Control System? | 29 |
|  |  |
| “Planning The Planning” - The 6 Early Planning Documents  | 30  |
|  |  |
| Document Flow: From the Charter to the Schedule | 34 |
|  |  |
| The Stakeholder Register (Template)  | 36 |
| The Requirements Traceability Matrix (Template) | 36 |
| Options for using the Delphi Technique | 39 |
| WBS: Work Breakdown Structure (Template) | 45 |
| WBS Dictionary (Template) | 47 |
|  |  |
| The Triple Constraint (several popular models) | 52 - 54 |
| Sample Impacts (Changing 1 of the 3 Constraints)  | 53 |
|  |  |
| Best Practice Estimating Techniques | 56 - 58 |
|  |  |
| Activity List (Template) | 61 |
| Activity List , Gantt Chart & Network Diagram in MS Project (Screen-Shot) | 63 (Template) |
| Fast-Tracked Schedule | 68 |
| Network Diagram showing Convergent Paths | 77 |
| Lags & Leads | 71 & 82 |
|  |  |
| Cost: Factoring Opportunity Costs into a Decision | 92 |
| The 5 Levels of Sequential Estimates | 96 |
|  |  |
| The 6 “Givens” You Need to do any problem using the Earned Value Formulas | 100 |
| Payoff Periods & Their Effects on Buyers & Sellers | 117 |
| Walk-Through Example Showing All The Key Earned Value Formulas  | 101 |
| Classic Case of Time Over Money (US Moon-Shot) | 120 |
|  |  |
| Lessons Learned: Real-World Example: Kaizen At Toyota (Fremont, CA) | 129 |
| Anatomy of a few Recent Quality Scandals / Root Causes / Lessons Learned | 132 |
| Case Study: How Automated “Super-Tests” improved Quality | 139 |
| Mass Production vs. Lean Production | 142 |
|  |  |
| The Basic Tools of Quality  | 151 |
| Scatter Diagram | 155 |
| Run Chart | 156 |
| Control Chart (Template) | 159 |
|  |  |
| The 5 Sequential RISK Planning Processes & Outputs | 171 |
| Tips For Getting Your People To Speak Up About Risks In Team Meetings | 173 |
| RBS: Risk Breakdown Structure (Template) | 174 |
| Risk Register (3 Templates) | 176 |
| Probability & Impact Matrix (Template) | 181 |
| EMV: Expected Monetary Value for 2 Sample Risks (Template) | 182 |
| The 4 Strategies for Negative Risk The 4 Strategies for Positive Risk | 187 & 188 |
| S.W.O.T. Diagram (Template) | 190 |
|  |  |
| Decision Tree (Buy or Build Decision / EMV) (Template)  | 207 - 208 |
| Single Source Procurement (Pros & Cons) | 211 |
| Sample SLA (Service Level Agreement) Language | 215 |
| Sample Calculation Using PTA (Point of Total Assumption) Formula | 217 |
| Avoiding Privity Issues | 219 |
|  |  |
| Authorized One-Page Summary of PMI’s Code of Ethics  | 229 |
| Triple Constraint For EthicsTM | 232 |
|  |  |
| Paralingual Qualities / Test Your Listening Skills  | 255 |
| Ground Rules in the Communications Plan (Template) | 259 |
| Managing Stakeholder Expectations Is Like Caring For Pets | 261 |
|  |  |
| PM Decision-Making Authority In The 3 PM Environments | 279 |
| Classic RACI Chart (Template) & Modified RACI Chart (Template) | 283 & 284 |
| Maslow’s Pyramid (Hierarchy of Needs) | 293 |
| Team-Building Exercises (some “Best Practice” Examples) | 300 |
| Negative Team Roles / Positive Team Roles | 309 & 310 |
| How Salesmanship Saved A Project | 315 |
| The Team Performance Assessment | 326 |
| The Free PMI Mentoring Program  | 331  |
| Casual Mentor Program | 332 |
|  |  |
| Case-Study: A Successful Out-of-the-Box Training Program | 335 |
| Rules of Thumb From Expert Trainers On Effective Presentations | 336 |
|  |  |
| A Best Practice For Virtual Teams | 340 |
| Gigantic Case of NIH (Not Invented Here) – East Meets West | 344 |
|  |  |
| Walk-Thru of the PMP® Application Process / Documenting Your Projects (Template) | 353 - 355 |
| More PM Certifications | 357, 358, 359 |
| PM-Related Certifications For Companies | 363 |
| Languages Supported for the PMI Exams (Language Aids) | 366 |
| Test Tip: Paired Earned Value Formulas (The “Big 6”) | 375 |
| PM Social Networking Sites | 385 |
| The PM Formulas (And “Fill-In-The-Blanks” Version – Template) | 391 |
| The PMI Processes (And “Fill-In-The-Blanks” Versions – Template) | 393 |
|  |  |
| “Top 10 Pitfall Lists” (at the back of each chapter) | ***Top 10 Pitfalls of:**** 14 **(Initiating),**
* 31 **(Planning),**
* 48 **(Requirements / WBS),**
* 84 **(Time Mgmt),**
* 120 **(Cost Mgmt),**
* 161 **(Quality Mgmt),**
* 191 **(RISK Mgmt),**
* 222 **(Procurement:**

 from both the buyer  side & the seller side)* 249 **(Ethics),**
* 275 **(Communications:**

 for both written & F2F)* 347 **(Leadership)**
* 379 (**PMP Exam & the**

 **Certification Process)** |