**LIST OF FIGURES**

|  |  |  |
| --- | --- | --- |
| **No.** | **Title** | **Page** |
| 2.1 | The design activities in operations management covered in this chapter. | 3 |
| 2.2 | An example of a functional layout in a library showing the path of just one customer. | 7 |
| 2.3 | Collecting information in functional layout. | 8 |
| 2.4 | A Relationship chart**.** | 9 |
| 2.5 | Flow information for Rotterdam educational group. | 10 |
| 2.6 | Schematic layout placing centers with high traffic levels close to each other. | 12 |
| 2.7 | Schematic layout adjusted to fit building geometry. | 12 |
| 2.8 | Final layout of build. | 13 |
| 2.9 | Cell layout groups together processes which are necessary for a family of products. | 16 |
| 2.10 | Types of cell. | 19 |
| 2.11 | Using production flow analysis to allocate machines to cells**.** | 19 |
| 2.12 | An army induction centre which uses a product layout | 21 |
| **No.** | **Title** | **Page** |
| 2.13 | Balancing losses is that proportion of the time invested in processing the product or service which is not used productively. | 25 |
| 2.14 | Element listing and precedence diagram for Karlstad Kakes. | 29 |
| 2.15 | Allocation of elements to stages and balancing loss for Karlstad Kakes. | 30 |
| 2.16 | The arrangement of stages in product layout can be described on a spectrum from ‘long thin’ to 'short fat’**.** | 32 |
| 2.17 | A restaurant complex with all four basic layout type. | 34 |
| 2.18 | The relationship between process types and basic layout types. | 37 |
| 2.19 | Volume - variety & layout type**.** | 38 |
| 3.1 | Over all location. | 40 |
| 3.2 | case of any casualties, you evaluate the work of the safety team? | 44 |
| 3.3 | Do you easily arrive the places inside the park because of? | 45 |
| 3.4 | Do you feel congestion in some places inside the park? | 46 |
| 3.5 | Does the idea of having guidance cards given to visitors when they enter the park? | 47 |
| 3.6 | Do you consider the work team of animals caring,work? | 48 |
| **No.** | **Title** | **Page** |
| 3.7 | Do you feel good treatment from responsible workers of the games? | 49 |
| 3.8 | Do you think that the park situation is suitable for people with disabilities and special needs? | 50 |
| 3.9 | Is the entrance to the park with sufficient space for the number of visitor? | 51 |
| 3.10 | Do you think that the area of the park is exploited optimally? | 52 |
| 3.11 | Do you considor the park at a high level of hygiene? | 53 |
| 3.12 | Do you think that visitors care about the cleanliness of the park | 54 |
| 3.13 | Do you notice any progress in the park? | 55 |
| 3.14 | Are seats available to sit in the right places? | 56 |
| 3.15 | How many times you felt angry after the completion of you visit to the park? | 57 |
| 3.16 | Is the reason for your anger? | 58 |
| 3.17 | Identify The Problem | 59 |
| 3.18 | RelationshipFlow process information for Benghazi bark. | 61 |
| 3.19 | Schematic layout placing centers with high traffic levels close to each other. | 62 |
| **No.** | **Title** | **Page** |
| 3.20 | Schematic layout adjust to fit zoo area. | 63 |
| 3.21 | Final layout of zoo area. | 64 |
| 4.1 | Status quo parking. | 66 |
| 4.2 | Status quo parking entrance. | 67 |
| 4.3 | The relationship between the group of activities. | 69 |
| 4.4 | The status quo and proposed. | 70 |
| 4.5 | Parking-layers with aground floor. | 71 |
| 4.6 | Smart gates. | 72 |
| 4.7 | Tour guide. | 73 |
| 4.8 | Large banner. | 74 |
| 4.9 | Directing signals. | 75 |
| 4.10 | Final layout of zoo area | 76 |