Research Methodology:

Sources of Data

The research will be carried out with the help of primary and secondary data.

Primary data – An empirical investigation will be conducted and survey research method will be employed. A closed questionnaire, based on through study of literature on adolescent life skill is complied to determine the life skill preferences of adolescents in Mumbai.

Secondary data—Secondary sources include published data, articles, research papers and books on the subject.

Research Design

The problem dealt with in this research is to determine the responses of adolescents to the various Life Skill requirements and coping mechanism by asking them their preferences.

Descriptive research design shall be utilized since the study is concerned with describing the characteristics of different individuals and groups of individuals.

Using a closed questionnaire an initial pilot study will be conducted by distributing the questionnaires to hundred respondents in the said area and analyzing their responses.

Changes if needed shall be made in the questionnaire before conducting the final study.

An initial pilot study will be conducted by distributing the questionnaires to 100 respondents in the area and analyzing their responses.

Research Area

School and College students as well as school dropouts from Mumbai will constitute the target group after explaining the objective of the research to them.

Sample size

The sample will be drawn from adolescents, from both genders and various economic strata in the city of Mumbai. Lady and Ormond (2001:224) suggest that when a population exceeds 5,000, a sample of 400 is representative. There is an excess of 5,000 adolescents in the city of Mumbai.

Sampling Technique

The Technique used to develop the scales for the sampling shall be Arbitrary Approach where the scale will be developed on ad hoc basis.
Summated scales or Likert type scales shall be developed by utilizing the item analysis approach where in a particular item is evaluated on the basis of how well it discriminates between those persons whose total score is high and those whose is low.

**Analysis of Data**

After conducting a pilot study the acceptability, validity and reliability will be tested. While testing reliability the pilot group would be asked to complete the questionnaire on two separate occasions approximately 2-3 weeks apart, assuming circumstances have not changed in the interim. The two sets are then compared statistically using weighted KAPPA 12 (using software SAS, PROC FREQ).

After administering the final questionnaire it will be coded into meaningful categories to facilitate analysis. (SPSS) 16, the software package for questionnaire survey will be used for further analysis.

Bivariate analysis using Means, T-test, ANOVA, Correlation will be used to identify the trends and possible associations between one variable and the other.

**Chapter scheme:**

1. Introduction, which will include a) the need for study, b) Literature review, c) The objectives of the study, d) Hypothesis, e) Research methodology, f) Means of data collection and analysis, g) limitations of the study.

2. Adolescents and their issues and Problems.

3. Life skills needed by adolescents.

4. Data collection and Analysis.

5. Conclusion and Recommendations.


**Limitations of study:**

The study suffers from the following limitations.

a) The questionnaire would be administered to around 500 respondents, who include adolescents in the city of Mumbai. The sample size would thus be a limitation.

b) The responses would have an element of subjectivity like every other research under social science.

c) The relevance of the suggested measures would depend on the seriousness with which these are implemented.

d) Considering that the concentration span of adolescents is not too much, all life skills have not been considered while preparing the questionnaire.