APPENDIX

THE COMPARATIVE STUDY OF

INDUSTRIAL ESTATES IN KOLHAPUR

A) AVAILABILITY OF LAND AND ITS UTILISATION:

1. Total area planned for acquisition in hectare (a) _____

2. Total area in possession in hectare (b) _____

3. Difference in hectare (a) - (b) _____

4. Reasons for not acquiring the planned area:

   1. .....

   2. .....

   3. .....

   4. .....

5. Present utilisation of land in possession.

Land	Size in Sq. Mt. (a)	No. of Plots (b)	Total Sq.Mt. (a) x (b)	Hectare
A. Plots:				
Large				
Medium				
Small				
B. Factory Plots:				
Large				
Medium				
Small				

Land	Size in Sq.Mt. (a)	No. of Plots (b)	Total Sq.Mt. (a) x (b)	Hectare
C. Built-up Sheds				
Large				
Medium				
Small				
D. Administrative Buildings				
E. Roads				

6. Percentage of land utilisation:

$$\frac{A + B + C + D + E}{\text{Total land in possession}} \times 100 = \_\_\_\_\_$$

B) PATTERN OF LAND UTILISATION:

1. What is the total No.of Plots ? _____
2. How many plots have been allotted so far ? _____
3. How many plots have not been allotted ? _____
4. The reasons for not allotting the plots:
   1. .....
   2. .....
   3. .....
   4. .....
   5. .....

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5. Industrywise break-up of allotment of plots as on March, 1987:

Total No. of plots allotted	Industries	Allotment of plots
	Agro based	
	Metal & Metal products	
	Engineering	
	Chemical	
	Miscellaneous	
	Electrical	
	TOTAL	

6. Now many plots are functioning amongst the allotted plots ? _____

7. How many plots are defunct among the allotted plots ? _____

8. Reasons for non-functioning of plots

   1. .....
   2. .....
   3. .....
   4. .....

9. Land utilisation capacity:

   1. $\frac{\text{Allotted plots}}{\text{Total Plots}}$ = _____
   2. $\frac{\text{Functioning Plots}}{\text{Allotted plots}}$ = _____

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10. Industrywise functioning plots:

Industries	Allotted Plots	Functioning Plots
1. Agro based		
2. Metal & Metal Products		
3. Engineering		
4. Chemical		
5. Electrical		
6. Miscellaneous		

11. Average amount of investment per plot:

1. Cost of acquisition of land Rs. _____
2. Land Development expenses, if incurred Rs. _____
3. Cost of infrastructure facilities Rs. _____
4. Other preliminary expenses s. _____

TOTAL COST Rs. _____

12. Average amount of investment per plot: (Fixed Capital)

$$\frac{1 + 2 + 3 + 4}{\text{Total No. of plots}} = \text{_____}$$

13. The mode of allotment of plots:

1. Outright selling _____
2. Lease _____
3. Rental _____

14. Break-up of thetotal number of plots, sizewise:

	Size	No.of plots
1. Large		
2. Medium		
3. Small		

15. Total No. of plots, according to the mode of selling:

	Large	Medium	Small
1. Outright Selling			
2. Lease			
3. Rental			
TOTAL			

16. Efficiency of the industrial units:

1. Productivity of labour:

(a) Total No. of Units _____

(b) Total employment generated by the units _____

2. Average employment per unit:

$$\frac{\text{Total employment}}{\text{Total No. of units}} = \text{_____}$$

3. Classification of employment per unit:

(a) Permanent _____

(b) Seasonal _____

(c) Casual _____

TOTAL _____

4. Average permanent employment per unit:

$$\frac{\text{Permanent employment of all the units}}{\text{Total number of units}} = \text{___}$$

17. Standard hours of work per day _____

18. Working days in a month _____

19. Average output per worker per day _____

20. Production of output per day:

Total number of employment in a unit	X	Number of outputs in a day	=	_____ (a)

21. Production of output in a month:

(a) x Working days = _____

22. Average production of labour in a month:

$$\frac{\text{Production of output in a month}}{\text{Total No.of employment in a unit}} = \text{_____}$$

23. Industrywise average product by labour per month:

Class of Industry	Average product by labour per month
1. Agro based	
2. Metal and Metal Products:	
3. Engineering	
4. Chemical	
5. Electrical	
6. Miscellaneous	

24. Productivity of labour:

$$\frac{\text{Net value added}}{\text{Total No.of employment}} = \text{_____}$$

Net value added = Sales value (-) Cost of Manufacture

= _____

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Productivity of capital

25. How much fixed capital did you require to establish the units?

1. Cost of plot	Rs.	_____
2. Expenditure on erecting the building	Rs.	_____
3. Expenditure for buying the machinery and equipments	Rs.	_____
TOTAL COST:	Rs.	_____

26. Depreciation of machines, equipments and buildings per year Rs. _____

27. Depreciation of machines, equipments and buildings per month Rs. _____

28. How much working capital do you require per month for

1. Purchase of raw material	Rs.	_____
2. Payment of wages	Rs.	_____
3. Power bill	Rs.	_____
4. Transport charges	Rs.	_____
5. Stationery, postage & package	Rs.	_____
6. Commission or brokerage	Rs.	_____
7. Sub-contracts of work	Rs.	_____
8. Octroi charges	Rs.	_____
9. Expenditure on certain labour welfare activities	Rs.	_____
10. Depreciation of machines, equipments and buildings per month	Rs.	_____
TOTAL	Rs.	_____

29. Productivity of capital:

$$\frac{\text{Net value added}}{\text{Working Capital}} = \text{_____}$$

30. Average productivity of capital in a month:

$$\frac{\text{Total No. of outputs of all the units in a month}}{\text{Total working capital required of all the units in a month}} = \text{\_\_\_\_\_}$$

31. Efficiency of the industrial units = Productivity of labour in a month & productivity of capital in a month.

RETURNS ON INVESTMENT:

32. Capital employed by the entrepreneur: Rs. _____

1. Cost of plot Rs. _____
2. Expenditure on erecting the building Rs. _____
3. Preliminary expenditure Rs. _____
4. Cost of machinery and equipments Rs. _____
5. Depreciation Rs. _____
6. Rent Rs. _____
7. Cost on purchase of raw material Rs. _____
8. Payments of workers Rs. _____
9. Water Bill Rs. _____
10. Light Bill Rs. _____
11. Octroi Rs. _____
12. Transport charge for carrying the raw material and finished goods Rs. _____
13. Transport charges on personnel Rs. _____
14. Cost on stationery, postage and package Rs. _____
15. Expenditure on welfare activities Rs. _____

TOTAL COST : Rs. _____

$$\text{Return on investment} = \frac{\text{Gross profit}}{\text{Capital employed by entrepreneurs}}$$

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