CHAPTER : VI

STRUCTURE OF INDIAN EXPORTS - 11

6.1. Introduction :

The preceding chapter being confined to an analysis of structure of India's exports at macro (i.e. aggregated) and micro (i.e. disaggregated) levels in terms of current prices as well as constant prices over a period of 1965-66 to 1981-82 and also with some well-established hypotheses examined therein, did not cover an analysis of trends and structure of Indias foreign trade in. general and India's export trade in particular at current prices with reference to the following :

[a] India's foreign trade over a period of 1966-67 to 1988-89

[b] India's export trade with special reference to India's principal exports by various commodity groups over a period of 1970-71 to 1986-87

[c] An analysis of structural behaviour of India's export trade in terms of the following aspects over a period of 1965-66 to 1981-82 :

- (i) Traditional and non-traditional exports
- (ii) Primary exports and manufactured exports

- (iii) Commodity composition of Indian exports according to market environment and SITC Commodity groups.
- (iv) Direction of India's exports in terms of regional destination.

The Present Chapter :

In order to systematize the study of Indian exports with reference to above, the present chapter is designed to examine and analyse the structural behaviour of India's exports over a period of time specified respectively with reference to the issues as detailed below:

As far as the foreign trade of India is concerned the following issues deserve to be examined.

(i) What has been the average percentage rates of growth per annum of exports and imports?

(ii) What has been the percentage share of Indian exports in world exports?

(iii) What has been the behaviour of percentage share of exports, imports and trade deficit in Gross National Porduct?

As regards, India's export trade with special reference to India's principal exports by various commodity groups (i.e Agricultural and Allied products, Ores and Minerals, manufactured goods, Mineral fuels and Lubricants and others) over a period of $197\emptyset-71$ to 1986-87, we intend to examine what has happened to the percentage shares of each commodity group in total exports?

Further, with reference to the structural behaviour of Indian exports over a period of 1965-66 to 1981-82, the following aspects are intended to be examined:

(i) What has happened to the percentage shares of various categories of commodity exports in total exports over time?

(ii) What has been the average percentage rates of growth per annum of various categories of commodity exports?

(iii) Has there been a diversification or concentration of Indian exports?

(iv) What has happened to the stability of various categories of commodity exports?

(v) Whether there is or not a relation between various categories of commodity exports with economic development?

6.2 Trends in India's Foreign Trade : [1966-67 to 1988-89]

The trends in India's foreign trade can be discerned form Table 6.1. A glance at the table reveals the fact that as far as India's foreign trade is concerned, the year 1973-74 is the remarkable turning point as during period thereafter, the

 Table : 6.1

 Imports. Exports and Trade Balance : 1966-67 to 1988-89

i								(Rs.	5
Years	Import	rts	Ex]	Exports	Trade	ि 5 ज	As		NP
	moun	% Increase	mount	% ncrease	Balance	rt d	Imports	Exports	Trad
(1)		(3)	(4)	(5)		5	(8)	(6)	(10)
66-6	2078		121			n.	•		
967	2008	-3.4	1199	•	-808-	0.74	5.8	3.5	8.3 8
968-6	80	-4.9	35		-551	۲.	٠	•	
69-7	58	-17.1	41	4.1	H	ω.	•	٠	
970-7	63	3.3	53	•	66 I	<u>ە</u>	•	•	0.2
971-7	82	11.7	60	•	2	9		•	
972-7	86		97	~	-104	с. С			•
973-7	95		53	ω.	4	ъ.			•
974-7	51		32		-1190	4.		٠	
975-7	26		04	•	2	4.		•	
976-7	07		14	2.	+68	5			
977-7	02	18.8	40	•	ω	с С	•	•	
978-7	81		72		-1059	<u>د</u>			
979-8	14		41	•	2	4.	•	٠	
980-8	254		71	•	ω	4.	•	•	
981-8	360	8.4	80	9	ω	4.	•	٠	
982-8	29	5.0	80	٠	4	Ω,	•	•	3.1
983-8	583	10.8	27		Ø	ŝ		•	•
984-8	713	8.2	174	ø.	က	Ω.	٠		
985-8	965	14.7	089	~	~	4.			•
986-8	020	2.8	45	4.	5	.4	•		2.7
987-88	2239	10.9	574	6.	θ	4.	•	٠	
×									
8-8	27693	23.6	20281	28.8	-7412	0.45	7.2	5.2	1.9
Pro	ional Basic All In Bombay	tatistics ia (August	<u>Relating</u> , 1989)	ê t	ian Moni	omy, Vol. ng Indian	I , Economy		5 1 1 2 5 5 5 1
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value figures of exports and imports seem to have magnified as compared to the earlier period. This state of affairs can be attributed to the oil price hike in the middle of the year 1973 which led to an increase in the value figure of imports by 58.3% in the year 1973-74 as compared to 2.3% increase in the year 1972-73 and an increase in the value figures of exports by 22.5% in the year 1972-73 as compared to 4.8% increase in the year 1971-72.

Further, India being a developing country needs increasing imports which gets reflected in to increase in negative trade balance from Rs.921 crores in 1966-67 to Rs.7412 corres (i.e. 30.64% an average per annum) in 1988-89. This increase in negative trade balance is also due to a world wide phenomenon of inflation consequent upon increase in oil prices.

As far as the average annual rates of growth is concerned, Indian imports regestered a growth rate of 13.81% during 1966-67 to 1988-89, 17.33% during 1970-71 to 1988-89 and 19.49% during 1973-74 to 1988-89. However, Indian exports registered a growth rate of 14.36% during 1966-67 to 1988-89, 15.52% during 1970-71 to 1988-89 and 16.19% during 1973-74 to 1988-89. We can see that after 1970-71 the grwoth rates of exports remained less than that of imports and after 1973-74 the growth rates of imports and exports remained higher due to the reasons cited earli-

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er.

As far as Indian exports in relation to world exports are concerned, we perceive that the share of Indian exports in world exports in terms of percentage not only remained less than one percent during the period under consideration but it shows a declining trend of Ø.95% in the year 1966-67 to Ø.45% in the year 1988-89. This state of affairs is quite obvious, as india is one among many exporting countries of the world. However, it indicates that the Indian economy has many miles to go about to enhance the competitive strength of Indian exports in the wrold market.

As regards, the share of Indian imports in India's Gross national product, it is noticeable that it does not exhibit any systematic trend behaviour. This can be seen from the fact that the percentage share of Indian imports in GNP declined from 7.1% in the year 1966-67 to 6.5% in the year 1978-79 and thereafter it increased to 9.2% in the year 1980-81. However, it declined from 8.5% in the year 1987-88. The fluctuations in the share of Indian imports in GNP can be attributed to the effects of the interplay of macro-economic policy variables and fluctuations in the world business activity.

Further, as far as the share of Indian exports in the GNP is concerned, it shows a systematic increasing trend of 3.9%

in the year 1966-67 to 5.2% in the year 1988-89. This reasonably good performance of Indian exports can be attributed to the export-oriented trade policy adopted by the Government of India. Further, there has been a fall in percentage share of trade deficit in GNP from 3.1% in the year 1966-67 to 1.9% in the year 1988-89.

6.3 India's Export Trade By Commodity Groups 1970-71 to 1986-87 :

As an analysis of India's foreign trade at global level does not focus on the structural behaviour of India's principal exports by various commodity groups (i.e Agricultural and Allied Products, Ores and Mineral fuels and Lubricants and others) over time, we present an analysis of structural behaviour of commodity exports by groups.

In order to undertake an analysis of India's exports by various commodity groups, we have selected the period of 1970-71 to 1986-87 with an exclusion of the period of 1966-67 to 1969-79. However, the justification for the exclusion of the period lies in the fact that the period is too remote in the past from the point of view of relative economic significance of certain commodity group of exports viz. manfuactured goods. It is only after the year 1970-71 that the increasing relative significance of certain commodity groups of exports is felt in relation to total exports and also in relation to other commodity groups of exports.

As far as the classification of India's principal exports in to various commodity groups referred above is concerned, India's commodity exports for the period $197\emptyset-71$ to 1981-82 have been regrouped as per the classification for the 1 period 1982-83 to 1986-87.

The structural behaviour of India's principal exports by various commodity groups in terms of their percentage shares in total exports over the period under consideration it can be visualized from Table 6.2 which reveals a very systematic trend behaviour of exports of Agricultural and Allied products, Ores and Minerals (excluding coal) and Manufactured Goods.

In case of agricultural and allied products exports, its percentage share in total exports systematically shows a decline from 39.22% in the year 1970-71 to 27.48% in the year 1986-87. Similarly, it is also visible that the percentage share of ores and minerals displays a decline from 9.57% in the year 1970-71 to 5.76% in the year 1986-87. The declining share of these two commodity groups of exports in total exports can be attributed to the fact that India being fundamentally an agricul-1. For Classification see, Appendix Table - VI.1.

	Total Exports	Value Rs. Crores	(12)	1535.2 1608.2 1970.8 33223.4 33223.4 33241.8 3418.4 6418.4 6710.7 7796.2 8803.5 2452.4 2452.4
(そっ いっ)		% Share in Total	(11)	118.95 117.86 117.86 117.86 117.86 117.86 117.86 117.86 117.86 117.86 117.86 117.86 128.82 138.82 18.82 18.82 18.23 18.23 18.23 18.24 26.46 26.46 26.46 26.46 26.46 26.47 26.48 27.25 26.48 26.48 26.48 26.71 26.98 26.70 26.48 27.25 28.48 27.12 28.9 26.70 27.12 28.9 26.70 27.12 28.9 28.9 28.10 28.10 28.10 28.10 28.10 28.10 28.10 28.10 28.10 28.10 28.10 28.10 28.10 28.10
C Rs, in 0	Oth	Value Rs. Crores	(10)	Provide a second
<u>GROUPS:</u>	fue Coa	% Share in Total	(6)	72 72 72 72 72 72 72 72 73 74 73 73 73 73 73 73 73 73 73 73
COMMODITY -87)	Miner & Lu (inc	Value Rs. Crores	(8)	122.6 112.6 122.6 15.3 226.4 227.8 19.8 227.9 227.9 227.9 227.9 227.9 227.9 227.9 227.9 227.9 227.9 227.9 227.9 210.2 27.9 21.2 27.9 21.2 27.9 21.2 27.9 21.2 27.9 21.2 27.9 21.2 27.9 21.2 27.9 21.2 27.9 21.2 27.9 21.2 27.9 21.2 27.9 21.2 27.9 21.2 27.9 27.6 27.0 27.7 27.0 27.7 27.0 27.7 27.7 27.7
: 6.2 RTS BY TO 1986	III Manufactured Goods	% Share in Total	(7)	31.44 31.44 29.46 33.55 33.49 33.55 33.49 33.49 45.87 45.39 447.08 447.08 447.08 447.08 552.68 552.68 552.68 552.68 552.71 552.71 552.71 552.68 552.71 552.68 552.70 552.7
Table INCIPAL EXPO (1970-71	I Manuf Go	Value Rs. Crores	(9)	482.7 482.7 473.8 6660.9 943.9 11114.7 1345.7 22453.9 3021.7 22453.9 3021.7 22995.7 4551.1 4551.1 4551.1 4551.1 4551.1 4551.1 4551.1 4551.1 4551.1 4551.1 6374.4 6374.4 6374.2 7808.4 6374.1 6374.1 6374.1 6374.1 6374.1 6374.1 6374.1 6374.1 7808.4 6274.1 1970.1 81-82 81-82 81-82 81-82 81-82 81-82 81-82 81-82 81-82 810 81-82 810 81-82 810 81-82 810 81-82 810 810 810 810 810 810 810 810 810 810
PR	C H B H	% Share in Total	(2)	
INDIA'S		Value Rs. Crores	(4)	11350.2 1255.2 1
	I gricultural nd Allied products	% Share in Total	(3)	
	A Q	Value Rs. Crores	(2)	
	Year		11	1978-71 1978-71 1978-73 1978-73 1978-73 1978-76 1976-77 1976-77 1976-77 1976-77 1976-77 1976-77 1978-79 1978-88 1988-81 1988-81 1988-81 1988-81 1988-83 1988-84 1988-84 1988-84 1988-84 1988-84 1988-84 1988-84 1988-84 1988-84 1988-84 1988-84 1988-84 1988-84 1988-84 1988-84 1988-84 1988-84 19885-85 19885-85 19885-85 19885-85 19885-85 19885-85

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tural country (i.e. primary producing country), its exports are bound to be pre-dominated by primary products for which world demand elasticities and domestic production elasticities are very low. And hence indicates greater degree of diversification of India's exports over time.

Further, it is pertinently important to note that the percentage share of exports of agricultural and allied products in total exports exceeded the percentage share of exports of manufactured goods in total exports during the years 1970-71 to 1975-76. However, the year 1976-77 marks a turning point as regards the relative position of both these groups of exports, as the percentage share of exports of manufactured goods in total exports exceeded the share of exports of agricultural and allied products in total exports during 1976-77 to 1986-87, thus reflected a trend reversal in terms of percentage shares. Inspite of this phenomenon of trend reversal of these two commodity groups of exports, we can see that the percentage share of exports of manufactured goods in total exports shows a systematic increasing trend of 31.44% in the year 1970-71 to 62.71% in the year 1986-87. This state of affairs can be attributed to an increasing tendency towards diversification of India's exports over time because of progressive character of the Indian economy.

Moreover, the percentage share of exports of mineral fuels and lubricants (excluding coal) in total exports remained less than one percent during 1970-71 to 1981-82 shows a systematic declining trend. However during 1982-83 to 1986-87, the percentage share of this commodity group (including coal) in total exports though declining remained greater than one percent.

In case of other exports (inclusive of coal) during 1970-71 to 1981-82 shows a declining trend in terms of its percentage share in total exports. However during 1982-83 to 1986-87 this commodity group (excluding of coal) shows that its percentage share in total exports remained less than one percent.

6.4 Indian Exports During 1965-66 to 1981-82 :

In order to undertake an analysis of structural behaviour of Indian exports, we have excluded the period of 1982-83 to 1987-88 on account of non-availability of commoditywise data on indian exports. However, it is intended here to examine the structural behaviour of Indian exports with reference to the following:

(i) Traditional and non-traditional exports.

(ii) Primary exports and manufactured exports.

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(iii) Commodity composition of Indian exports according to market environment and SITC commodity groups.

(iv) Direction of India's export trade in terms of regional destination.

With reference to above, the following aspects of exports are intended to be examined.

[a] Percentage shares of various commodity groups in total exports.

[b] Rates of grwoth of exports by commodity groups.

[c] Degree of diversification or concentration of exports.

[d] Statiblity of Indian exports by commodity groups.

[e] Relation between commodity exports and economic development.

Percentage share of various commodity groups of exports in total exports :

An analysis of structural behaviour of exports in terms of change in the percentage shares of various commodity groups of exports in total exports is indicative of change in relative significcance of various commodity groups of exports over time. Therefore, we, present below an analysis of traditional and nontraditional exports of India.

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6.4.1 <u>Traditional and Non-Traditional Exports</u> :

The structural behaviour of traditional and nontraditional exports of India can be seen from Table 6.3, wherein traditional exports are defined as an aggregation of the exports of Tea, Cotton textiles, Jute textiles, Mica, Cashew Kernel, Metalliferrous ores, Spices, Tobacco and Leather products and non-tradtional exports are defined as total exports less traditional exports. A glance at the table reveals the fact that the percentage share of traditional exports in total exports shows a systematic declining trend of 64.70% in the year 1965-66 to 28.62% in the year 1981-82, whereas the percentage share of nontraditional exports displays a systematic increasing trend of 35.30% in the year 1965-66 to 71.38% in the year 1981-82. However, it is important to note that the year 1973-74 marks a turning point in regard to the relative importance of traditional and non-traditional exports in relation to total exports as there has been trend reversal in terms of relative share in total exports which can be seen from the fact that the percentage share of traditional exports exceeded the percentage share of nontraditional exports during 1965-66 to 1972-73 and during 1973-74 to 1981-82, the percentage share of non-traditional exports exceeded the share of traditional exports. The declining share of traditional exports and increasing share of non-traditional exports over time positively confirms to the well established

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Year	Traditiona	** l Exports		aditional ports	Total Exports
	Value in Crores of Rupees	Percentage of Total Exports	Value in Crores of Rupees	Percentage of Total Exports	Value in Crores of Rupees
(1)	(2)	(3)	(4)	(5)	(6)
1965-66* 1966-67* 1967-68 1969-7Ø 1970-71 1971-72 1972-73 1973-74 1974-75 1975-76 1976-77 1977-78 1978-79 1979-8Ø 198Ø-81 1981-82		64.70 65.04 63.40 57.19 54.82 51.46 54.50 51.07 44.45 39.78 35.43 32.10 37.27 30.24 33.37 32.38 28.62	450.1 404.4 438.7 581.7 638.5 745.1 731.7 959.4 1401.8 2004.5 2545.0 3491.6 3392.5 3994.5 4542.8 4538.0 5571.9	35.30 34.96 36.60 42.81 45.18 48.54 45.50 48.93 55.55 60.22 64.57 67.90 62.73 69.76 66.63 67.62 71.38	1275.1 1156.6 1198.7 1358.8 1413.2 1535.2 1608.2 1960.9 2523.4 3328.8 3941.6 5142.3 5407.9 5726.1 6818.3 6710.7 7805.9

Table : 6.3

Traditional and Non-Traditional Exports of India

* The value figures are adjusted at post-devaluation rate by multiplying the figures with 1.575, the increased value of pre-develuation Rupee.

- ** Traditional Exports include Tea, Cotton Textiles, Jute Textiles, Mica, Cashew Kernel, Metalliferrous Ores, Spices, Tobacco and Leather products.
- <u>Source</u>: Estimated on the basis of information available in the various issues of <u>Basic Statistics Relating to the</u> <u>Indian Economy</u>, published by Central Statistical Organisation, Department of Statistics, Ministry of Planning, Government of India, New Delhi.

hypothesis as regards developing country India under consideration. India, being basically a priamary producing and developing country, the share of non-traditional exports is bound to rise and that of traditional exports to decline on account of diversification of exports over time.

However, a pertinent question arises as to what has been the nature of trend behaviour in terms of variation in percentage share of primary and manufactured goods exports over time? Therefore, we present below an analysis of primary and manufactured goods exports with reference to above, table 6.4 reflects the structural behaviour of Indian exports consisting of primary and manufactured goods exports.

6.4.2 Primary and Manufactured Goods Exports :

Primary Exports : The primary exports are defined as an aggregation of commodity exports under sections Ø to 4 of Standard International Trade classification commodity groups.

Manufactured Goods Exports : The manufactured goods exports are defined as an aggregation of exports under sections 5 to 8 of SITC commodity groups.

Further, it is important to note that the manufactured goods exports consists of traditional manufactured goods exports and non-traditional manufactured goods exports.

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Traditional Manufactured Goods Exports : This groups consists of exports of cotton textiles, Jute textiles, Leather manufactured products and manufactured Tobacco.

Non-Traditional Manufactured Goods : This group of exports consists of manufactured goods less traditional manufactured goods.

Having presented a conceptual and definitional explanation of commodity groups of exports, a quantitative analysis as evident from Table 6.4 follows hereafter.

It is evident from Table 6.4 that the percentage share of primary exports in total exports shows a systematically declining trend of 51.35% in 1965-66 to 40.72% in the year 1981-82, whereas the percentage share of exports of manufactured goods in total exports reveals a systematically rising trend of 48.19% in the year 1965-66 to 59.12% in the year 1981-82. However, it is important to note that during 1968-69 to 1981-82, the percentage share of exports of manufactured goods in total exports exceeded the percentage share of primary exports which confirms to the commonly held belief that this would be the state of affairs with reference to a developing country like India under consideration. Further, it becomes clear that in value terms the exports of primary goods increased from Rs.648.7 crores in 1965-

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	Exports
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TAble :	dition
FI	nd Non-Tradit
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	Primary,

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Total Exports		of Crores of ul Rupees
	tiona	Total Rxpo- rts rts
	on-Tradi	Value Percentage of in
		Value - in Crores Rupees
fxports	L	Fercentage of Value Fercentage of tal Total Crores Total Total fct- Exports of Manufa-Expo- ed Rupees ctured rts orts
Manufactured Exports		Manu Exp
Manu:		Value in Crores of Rupees
	Total	of Value in Percentage Value in Total crores of of Total Crores of xports Rupees Exports Rupees
		cage of Value i Total crores Exports Rupees
Export	Perce-	cage of Total Export:
Primary Export	Value	O m
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965-66 648.7 51.35 608.8 48.19 432.4 71.02 34.23 176.4 28.97 13.96 12 $966-67$ 599.9 52.03 548.4 47.57 386.8 70.52 33.51 161.6 29.47 14.02 11 $966-67$ 599.9 52.03 548.4 47.57 386.8 70.52 33.51 161.6 29.47 14.02 11 $967-68$ 605.5 50.76 581.4 48.74 360.5 52.26 33.51 161.6 29.47 14.02 11 $968-69$ 634 46.74 716.8 52.28 387.4 49.75 27.62 342.2 47.74 25.23 13 $969-706$ 625 44.37 778.7 55.28 387.4 49.75 27.62 342.2 47.96 25.77 114.25 $969-706$ 625 44.13 857.3 351.8 45.04 23.73 441.4 54.96 27.78 114.25 $970-71$ 716.7 45.91 1516.7 27.62 246.25 27.78 $48.25.77$ 198.25 27.78 28.95 27.77 48.25 27.77 48.25 27.78 28.97 48.26 27.71 48.25 27.71 48.25 27.71 48.25 27.71 48.25 27.71 48.25 27.71 48.25 27.71 48.25 27.71 48.25 27.71 48.25 27.71 48.25 27.71 48.25	965-66 643.7 51.35 608.8 48.19 432.4 71.02 34.23 176.4 28.97 13.96 12 966-67 599.9 52.03 548.4 47.57 386.8 79.53 33.51 161.6 29.47 14.02 118.52 967-68 603.5 561.4 47.57 386.8 76.53 337.4 47.74 25.23 13 967-69 623 44.37 778.7 55.28 374.6 52.26 27.62 242.2 24.95 15.52 970^{-711} 716.7 47.02 803.2 55.43 361.8 45.04 23.73 441.4 54.96 28.95 15 970^{-711} 716.7 47.02 803.2 55.43 361.8 45.04 23.73 441.4 54.96 28.95 15 970^{-711} 716.7 47.02 803.2 55.43 55.64 361.7 47.72 25.67 29 970^{-712} 740.2 803.2 53.47 44.41 51.6 23.73 441.4 54.96 28.97 970^{-712} 1159.5 46.91 10550 55.63 55.3 28.14 46.19 33.52 33.52 970^{-712} 1930.5 53.81 5560 556 25.33 28.14 47.72 26.67 97 977^{-77} 1930.9 13728 56.13 56.56 55.33 28.14 24.96 47.17 26.56 55.13 24.95 <th>0</th> <th>(2)</th> <th>(3)</th> <th>(4)</th> <th>(2)</th> <th>(9)</th> <th>(1)</th> <th></th> <th>(6)</th> <th>-</th> <th>(11)</th> <th>(12)</th>	0	(2)	(3)	(4)	(2)	(9)	(1)		(6)	-	(11)	(12)
966-67599. 52.03 548.4 47.57 386.8 70.53 33.51 161.6 29.47 14.02 115 $967-68$ 605.5 50.76 581.4 48.74 52.83 374.6 52.26 342.2 27.62 342.2 47.74 25.23 135 $969-70$ 625 44.37 778.7 55.28 387.4 49.75 27.52 391.3 50.25 27.78 140 $968-70$ 625 44.37 778.7 55.26 361.8 $45.97.52$ 27.52 391.35 50.25 27.78 142 $970-71$ 716.7 47.70 25.63 361.8 $45.97.5$ 27.75 341.4 54.96 28.95 152 $970-71$ 716.7 47.102 867.3 53.47 444.11 551.8 27.52 47.72 25.77 166 $977-72$ 897.4 1159.5 46.19 1355.7 53.81 655.8 44.81 23.73 441.4 64.49 33.52 $972-73$ 897.4 45.11 551.8 251.63 23.66 47.77 255.19 29.65 29.67 $972-75$ 1958.6 47.08 1728 53.61 695.8 44.81 561.17 47.77 255.19 $974-75$ 1588.6 47.08 17728 569.67 95.77 164.49 33.52 335.78 $977-76$ 195.6 196.77 21.62 35.61 18.46 114.46 14.21 </td <td>966-67599.952.03548.447.57386.870.5333.51161.629.4714.0211967-68605.550.76581.448.74350.55239.222200.93818.52968-6962544.37718.755.28387.455.2537.781.555.2313969-7062544.37718.755.28387.449.7527.5391.350.2527.8968-6962544.37718.755.28361.845.0423.77441.425.2313969-7062544.3155.28361.845.0423.77441.425.2227.5970-71740.545.91857.444.1151.827.7441.425.6719972-73897.445.91105.153.6355.0635.51114.454.9628.9523.53972-751595.647.08172.853.6355.6655.6129.5623.5335.2335.23972-751595.444.8155.836.1644.8156.1355.6129.6325.7735.2535.2335.23972-751586.647.08172.8655.6118.4617.4674.7225.6719972-751585.649.2755.9119.6674.6174.7225.7741.8125.6719972-751957.449.2855.6159.6556.1359.65<td> 65-6</td><td>ニタ</td><td>1.0</td><td>0</td><td>48.19</td><td>1 က</td><td>1.0</td><td>4.2</td><td>76.</td><td>10.8 0.8</td><td>10, E</td><td>263.</td></td>	966-67599.952.03548.447.57386.870.5333.51161.629.4714.0211967-68605.550.76581.448.74350.55239.222200.93818.52968-6962544.37718.755.28387.455.2537.781.555.2313969-7062544.37718.755.28387.449.7527.5391.350.2527.8968-6962544.37718.755.28361.845.0423.77441.425.2313969-7062544.3155.28361.845.0423.77441.425.2227.5970-71740.545.91857.444.1151.827.7441.425.6719972-73897.445.91105.153.6355.0635.51114.454.9628.9523.53972-751595.647.08172.853.6355.6655.6129.5623.5335.2335.23972-751595.444.8155.836.1644.8156.1355.6129.6325.7735.2535.2335.23972-751586.647.08172.8655.6118.4617.4674.7225.6719972-751585.649.2755.9119.6674.6174.7225.7741.8125.6719972-751957.449.2855.6159.6556.1359.65 <td> 65-6</td> <td>ニタ</td> <td>1.0</td> <td>0</td> <td>48.19</td> <td>1 က</td> <td>1.0</td> <td>4.2</td> <td>76.</td> <td>10.8 0.8</td> <td>10, E</td> <td>263.</td>	 65-6	ニタ	1.0	0	48.19	1 က	1.0	4.2	76.	10.8 0.8	10, E	263.
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968-69 634 46.74 716.8 52.83 374.6 52.26 27.62 342.2 47.74 25.23 135 969-70 625 44.37 778.7 55.28 387.4 49.75 27.5 391.3 50.25 27.78 140 $970-71$ 716.7 47.02 803.2 55.28 361.8 45.04 23.73 441.4 54.96 28.95 152 $971-72$ 740.5 46.19 857.3 53.47 444.1 51.8 27.7 413.2 48.2 25.77 $977-72$ 897.4 45.04 135.3 53.47 444.1 51.8 27.77 413.2 48.2 25.77 $972-73$ 897.4 45.04 135.3 53.47 444.1 51.8 27.77 412.7 25.677 $972-73$ 897.4 45.04 135.6 53.65 52.3 56.51 195 27.77 412.7 25.677 $973-74$ 1159.5 46.04 1352 53.69 605.8 44.81 24.62 25.777 25.677 $977-76$ 1956.6 47.08 56.56 56.56 761.2 25.13 $14.14.4$ 64.49 33.52 $977-76$ 1956.6 47.08 56.56 761.2 25.13 14.18 22057.8 74.21 512 $977-78$ 2126.67 197.77 212.22 113.4 62.56 761.7 21.22 21.77 212.26 47.21 516 <tr<< td=""><td>968-6963446.74716.852.83374.652.26$27.62$$27.62$$47.74$$25.23$$13$970-71716.747.92803.255.4755.26361.8$45.04$$27.55$391.3562.25$777$16971-727405803.255.4755.63361.8$45.04$$23.73$$441.4$54.9628.9515971-727405803.253.4755.4755.4656.9356.171627.76591.3267.76971-72740546.911051.753.8155.4756.9356.711927.7656.9528.7629971-73897.445.911051.753.8156.6844.8123.73441.456.7129.6325973-741159.546.94135253.69605.844.8123.55118.4629.63253539974-751588.647.08172856.56761.225.1324.0518.4335.523539976-772091.249.231988.659.05761.221.2414.18266.4433.523539976-772091.249.2730.82761.221.2313.2724.0544.21515139363</td><td>67-6</td><td>Ø5.</td><td>0.7</td><td>H</td><td>8.7</td><td>60.</td><td></td><td>0.2</td><td>20.</td><td></td><td>8.5</td><td>192.</td></tr<<>	968-6963446.74716.852.83374.652.26 27.62 27.62 47.74 25.23 13 970-71716.747.92803.255.4755.26361.8 45.04 27.55 391.3562.25 777 16971-727405803.255.4755.63361.8 45.04 23.73 441.4 54.9628.9515971-727405803.253.4755.4755.4656.9356.171627.76591.3267.76971-72740546.911051.753.8155.4756.9356.711927.7656.9528.7629971-73897.445.911051.753.8156.6844.8123.73441.456.7129.6325973-741159.546.94135253.69605.844.8123.55118.4629.63253539974-751588.647.08172856.56761.225.1324.0518.4335.523539976-772091.249.231988.659.05761.221.2414.18266.4433.523539976-772091.249.2730.82761.221.2313.2724.0544.21515139363	67-6	Ø5.	0.7	H	8.7	60.		0.2	20.		8.5	192.
969-70 625 44.37 778.7 55.28 387.4 49.75 27.5 391.3 50.25 27.78 140 $970-71$ 716.7 47.02 803.2 52.69 361.8 45.04 23.73 441.4 54.96 28.95 152 $971-72$ 740.5 46.19 857.3 53.47 444.1 51.8 27.7 413.2 48.2 25.77 160 $972-73$ 897.4 45.91 1051.7 53.81 55.67 195 28.14 501.7 47.7 25.67 195 $972-73$ 897.4 45.91 1051.7 53.81 55.63 53.61 605.8 44.81 27.7 412.2 25.19 29.63 251 $972-73$ 897.4 45.91 1728 53.69 605.8 44.81 24.95 746.2 55.19 29.63 251 35.51 114.4 64.49 33.52 332 $974-75$ 1588.6 47.08 17228 59.65 761.2 25.13 14.84 2267.8 74.87 44.21 512 $976-77$ 2091.2 40.77 3164.1 59.05 760.7 24.04 33.52 3332 376.78 44.81 536 $977-78$ 2186.8 40.77 3164.1 59.05 760.7 24.04 14.18 2403.4 75.05 44.81 536 $977-78$ 2187.2 59.17 1134.6 29.65 17.72 29592.4 70.35	969-7062544.37778.755.28387.449.7527.5391.350.2527.714970-71716.747.02803.252.69361.845.0423.73441.454.9628.9515972-73897.445.0455.655.353.8155.655.671929.657116972-73897.445.04135.753.6355.6655.6655.1929.6525.7716972-73897.445.04135.253.6355.6655.6655.1929.657573973-741159.546.04135253.63605.8613.635.5118.46114.464.4933.5233975-761935.449.231988.656.58613.635.5118.46114.464.4933.5233975-761935.449.231988.656.58612.836.6118.46114.464.4933.5233976-772091.2166.1225.1314.842367.874.21515151977-782186.849.77367.724.0413.272812.874.2151	968-6	3	6.7	0	2.8	74.	2.2	7.6	42.	7.7	5.2	356.
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	969-7	0	4.3	ω.	5.2	87.	9.7	27.	91.	0.2	7.7	408.
$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	970-7	16.	7.0	т	2.6	61.	5.0	3.7	41.	4.9	в. 9	524.
972-73 897.4 45.91 1051.7 53.81 550 52.3 28.14 501.7 47.7 25.67 195 $973-74$ 1159.5 46.04 1352 53.69 605.8 44.81 24.05 746.2 55.19 29.63 251 $973-74$ 1159.5 46.04 1352 53.69 605.8 44.81 24.05 746.2 55.19 29.63 351 $973-74$ 1159.5 46.04 1352 55.61 19.23 1728 55.61 19.23 33.52 332 $974-75$ 1935.4 49.23 1988.6 56.58 613.6 35.51 18.46 1114.4 64.49 33.52 332 $975-76$ 1935.4 49.23 1988.6 59.65 761.2 25.13 14.84 2267.8 74.87 44.21 512 $977-78$ 2186.8 40.77 3164.1 59.05 760.7 24.04 14.18 2403.4 75.96 44.81 536 $977-78$ 2186.8 40.77 3164.1 59.05 760.7 21.22 13.27 2812.3 72.05 44.81 536 $977-78$ 2123.6 37.21 3570 62.56 757.7 21.22 13.27 2812.3 72.05 44.81 536 $977-78$ 239.97 59.15 983.6 24.95 14.75 29592.4 70.35 42.05 640 $977-78$ 2307.7 1134.6 29.65 <t< td=""><td>$\begin{array}{cccccccccccccccccccccccccccccccccccc$</td><td>971-7</td><td>40.</td><td>6.1</td><td>2.</td><td>3.4</td><td>44.</td><td></td><td>27.</td><td>13.</td><td>ω.</td><td>5.7</td><td>6Ø3.</td></t<>	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	971-7	40.	6.1	2.	3.4	44.		27.	13.	ω.	5.7	6Ø3.
$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	973-74 1159.5 46.04 1352 53.69 605.8 44.81 24.05 746.2 55.19 29.63 25 974-75 1588.6 47.08 1728 52 613.6 35.51 18.46 1114.4 64.49 33.52 33.53 975-76 1935.4 49.23 1988.6 50.58 612.8 30.82 15.59 1357.8 69.18 35 35 39 975-77 2091.2 40.77 3164.1 59 59.05 761.2 25.13 14.84 2267.8 74.21 51 976-77 2091.2 40.77 3164.1 59 760.7 24.04 14.18 2403.4 75.96 44.81 55 977-78 2186.8 40.77 3164.1 59 760.7 24.04 14.18 2403.4 75.96 44.81 55 978-79 2123.6 59.77 1134.6 29.65 14.75 2922.4 70.35 42.05 64 38.97 46.69 77 9707-18 2167.1 1134.6 29.65 14.7	972-7	97.	5.9	۲. ۲.	3.8	ŝ	0	8.1	01.	7.	5.6	954.
974-75 1588.6 47.08 1728 52 613.6 35.51 18.46 1114.4 64.49 33.52 332 975-76 1935.4 49.23 1988.6 50.58 612.8 30.82 15.59 1357.8 69.18 35 393 976-77 2091.2 40.77 3029 59.05 761.2 25.13 14.84 2267.8 74.87 44.21 512 976-77 2091.2 40.77 3164.1 59.05 761.2 25.13 14.84 2267.8 74.87 44.21 512 977-78 2186.8 40.77 3164.1 59.76 760.7 24.04 14.18 2403.4 75.96 44.81 536 977-78 2186.8 40.77 3164.1 62.56 757.7 21.22 13.27 2812.3 77.87 49.28 570 978-79 2123.6 37.21 3542.9 59.15 983.6 24.95 14.75 29592.4 70.35 44.39 666 977.1 40.61 3942.9 59.15 983.6 24.95 </td <td>874-75 1588.6 47.08 1728 52 613.6 35.51 18.46 1114.4 64.49 33.52 33 975-76 1935.4 49.23 1988.6 50.58 612.8 30.82 15.59 1357.8 69.18 35 39 976-77 2091.2 40.77 3029 59.05 761.2 25.13 14.84 2267.8 74.81 51 977-78 2186.8 40.77 3164.1 59 760.7 24.04 14.18 24.03.4 75.96 44.81 53 977-78 2186.8 40.77 3164.1 59 760.7 24.04 14.18 24.03.4 75.96 44.81 53 978-79 2123.6 37.21 357.06 59.77 1134.6 29.42 95 14.75 2692.4 70.35 42.05 64 97 970-80 2559.2 39.97 59.15 983.6 24.95 14.75 295.93 75.05 44.39 66 77 980-81 2707.1 40.72 4610.2 59.15 963.4</td> <td>973-7</td> <td>159.</td> <td>6.0</td> <td>35</td> <td>3.6</td> <td>Ø5.</td> <td>4.8</td> <td>4.0</td> <td>46.</td> <td>5.1</td> <td>9.6</td> <td>518.</td>	874-75 1588.6 47.08 1728 52 613.6 35.51 18.46 1114.4 64.49 33.52 33 975-76 1935.4 49.23 1988.6 50.58 612.8 30.82 15.59 1357.8 69.18 35 39 976-77 2091.2 40.77 3029 59.05 761.2 25.13 14.84 2267.8 74.81 51 977-78 2186.8 40.77 3164.1 59 760.7 24.04 14.18 24.03.4 75.96 44.81 53 977-78 2186.8 40.77 3164.1 59 760.7 24.04 14.18 24.03.4 75.96 44.81 53 978-79 2123.6 37.21 357.06 59.77 1134.6 29.42 95 14.75 2692.4 70.35 42.05 64 97 970-80 2559.2 39.97 59.15 983.6 24.95 14.75 295.93 75.05 44.39 66 77 980-81 2707.1 40.72 4610.2 59.15 963.4	973-7	159.	6.0	35	3.6	Ø5.	4.8	4.0	46.	5.1	9.6	518.
975-76 1935.4 49.23 1988.6 50.58 612.8 30.82 15.59 1357.8 69.18 35 393 976-77 2091.2 40.77 3029 59.05 761.2 25.13 14.84 2267.8 74.87 44.21 512 977-78 2186.8 40.77 3164.1 59.05 760.7 24.04 14.18 2403.4 75.96 44.81 536 977-78 2186.8 40.77 3164.1 59.05 760.7 24.04 14.18 2403.4 75.96 44.81 536 978-79 2123.6 37.21 3570 62.56 757.7 21.22 13.27 2812.3 78.78 49.28 570 979-80 25559.2 39.97 3827 59.17 1134.6 29.65 17.72 2692.4 70.35 42.30 666 979-80 25559.2 39.97 59.15 983.6 24.95 14.75 29592.4 70.35 44.39 666 980-81 2707.1 40.61 3942.9 59.15 983.6 24	975-76 1935.4 49.23 1988.6 50.58 612.8 30.82 15.59 1357.8 69.18 35 39 976-77 2091.2 40.77 3029 59.05 761.2 25.13 14.84 2267.8 74.87 44.21 51 977-78 2186.8 40.77 3164.1 59 760.7 24.04 14.18 2403.4 75.96 44.81 53 978-79 2123.6 37.21 3570 62.56 757.7 21.22 13.27 2812.3 78.78 49.28 57 979-80 2559.2 39.97 3827 59.77 1134.6 29.65 17.72 2692.4 70.35 42.05 64 980-81 2707.1 40.61 3942.9 59.15 983.6 24.95 14.75 2692.4 70.35 42.05 64 980-81 2707.1 40.61 3942.9 59.15 983.6 24.95 14.75 2692.4 70.35 42.05 64 980-81 2707.1 40.67 59.15 983.6 24.95 14.75 2692.4 70.35 42.05 64 980-81 2707.1 40.67 59.15 983.6 24.95 14.75 2692.4 70.35 42.05 64 981-82 3175.4 40.72 4610.2 59.12 969.4 21.03 12.43 3640.8 78.97 46.69 77 	974-7	588.	7.0	22	52	13.	5.5	8.4	114.	4.4	з. 5	323.
976-77 2091.2 40.77 3029 59.05 761.2 25.13 14.64 2267.8 74.87 44.21 512 977-78 2186.8 40.77 3164.1 59 760.7 24.04 14.18 2403.4 75.96 44.81 536 977-78 2186.8 40.77 3164.1 59 760.7 24.04 14.18 2403.4 75.96 44.81 536 978-79 2123.6 37.21 3570 62.56 757.7 21.22 13.27 2812.3 78.78 49.28 570 979-80 25559.2 39.97 3827 59.77 1134.6 29.65 17.72 2692.4 70.35 42.05 640 979-80 25559.2 39.97 59.15 983.6 24.95 14.75 29592.4 70.35 42.05 640 980-81 2707.1 40.61 3942.9 59.15 983.6 24.95 14.75 2959.3 75.05 44.39 666 981-82 3175.4 40.72 4610.2 969.4 21.03 12.45	976-77 2091.2 40.77 3029 59.05 761.2 25.13 14.84 2267.8 74.87 44.21 51 977-78 2186.8 40.77 3164.1 59 760.7 24.04 14.18 2403.4 75.96 44.81 53 977-78 2186.8 40.77 3164.1 59.77 1134.6 29.65 17.72 2692.4 76.35 42.36 64 978-79 2123.6 37.21 359.15 59.77 1134.6 29.65 17.72 2692.4 70.35 42.36 64 979-80 2559.2 39.397 59.15 983.6 29.65 14.75 2692.4 70.35 42.36 64 980-81 2707.1 40.172 4610.2 59.15 983.6 24.35 14.75 2692.4 70.35 42.39 66 980-81 2707.1 40.172 4610.2 59.15 969.4 21.03 12.43 3640.8 78.97 46.69 77 981-82 3175.4 40.72 4610.2 59.12 969.4 21.0	975-7	935.	0.2 0	988.	Ø.5	12.	0.8	5.5	357.	9.1	35	931.
977-78 2186.8 40.77 3164.1 59 760.7 24.04 14.18 2403.4 75.96 44.81 536 978-79 2123.6 37.21 3570 62.56 757.7 21.22 13.27 2812.3 78.78 49.28 570 978-79 2123.6 37.21 3570 62.56 757.7 21.22 13.27 2812.3 78.78 49.28 570 979-80 2559.2 39.97 3827 59.77 1134.6 29.65 17.72 2692.4 70.35 42.05 640 979-80 2559.2 39.97 59.15 983.6 24.95 14.75 2959.3 76.05 44.39 666 980-81 2707.1 40.61 3942.9 59.15 983.6 24.95 14.75 2959.3 76.05 44.39 666 981-82 3175.4 40.72 4610.2 59.12 969.4 21.03 12.43 3640.8 78.97 46.69 779	977-78 2186.8 40.77 3164.1 59 760.7 24.04 14.18 2403.4 75.96 44.81 53 978-79 2123.6 37.21 3570 62.56 757.7 21.22 13.27 2812.3 78.78 49.28 57 979-80 2559.2 39.97 3827 59.77 1134.6 29.65 17.72 2692.4 70.35 42.05 64 979-80 2559.2 39.97 3827 59.15 983.6 24.95 14.75 2692.4 70.35 42.05 64 980-81 2707.1 40.72 4610.2 59.15 983.6 24.95 14.75 2692.4 70.35 42.05 64 980-81 2707.1 40.72 4610.2 59.12 983.6 24.95 14.75 2959.3 75.05 44.39 66 77 981-82 3175.4 40.72 4610.2 599.12 969.4 21.03 12.43 3640.8 78.97 46.69 77	976-7	Ø91.	0.7	02	9.9	61.	5.1	4.8	267.	4.8	4.2	129.
978-79 2123.6 37.21 357Ø 62.56 757.7 21.22 13.27 2812.3 78.78 49.28 57Ø 979-8Ø 2559.2 39.97 38.7 42.05 64Ø 979-8Ø 2559.2 39.97 38.7 42.05 64Ø 98Ø-81 2707.1 4Ø.61 3942.9 59.15 983.6 24.95 14.75 2959.3 75.05 44.39 666 981-82 3175.4 4Ø.72 4610.2 59.12 969.4 21.03 12.43 3640.8 78.97 46.69 779	978-79 2123.6 37.21 3570 62.56 757.7 21.22 13.27 2812.3 78.78 49.28 57 979-80 2559.2 39.97 3827 59.77 1134.6 29.65 17.72 2692.4 70.35 42.05 64 979-80 2559.2 39.97 3827 59.15 983.6 24.95 14.75 2692.4 70.35 42.05 64 980-81 2707.1 40.61 3942.9 59.15 983.6 24.95 14.75 2695.3 75.05 44.39 66 980-81 2707.1 40.72 4610.2 59.12 969.4 21.03 12.43 3640.8 78.97 46.69 77 981-82 3175.4 40.72 4610.2 59.12 969.4 21.03 12.43 3640.8 78.97 46.69 77 981-82 3175.4 40.72 4610.2 59.12 969.4 21.03 12.43 3640.8 78.97 46.69 77 91.1 Primary Exports under section 0 to 4 10.4 10.1	977-7	186.	0.7	164.	- 63	60.	4.0	4.1	403.	5.9	4.8	36
979-8Ø 2559.2 39.97 3827 59.77 1134.6 29.65 17.72 2692.4 7Ø.35 42.Ø5 64Ø 98Ø-81 27Ø7.1 4Ø.61 3942.9 59.15 983.6 24.95 14.75 2959.3 75.Ø5 44.39 666 981-82 3175.4 4Ø.72 461Ø.2 59.12 969.4 21.Ø3 12.43 364Ø.8 78.97 46.69 779	979-80 2559.2 39.7 3827 59.77 1134.6 29.65 17.72 2692.4 70.35 42.05 64 980-81 2707.1 40.61 3942.9 59.15 983.6 24.95 14.75 2959.3 75.05 44.39 66 980-81 2707.1 40.61 3942.9 59.15 983.6 24.95 14.75 2959.3 75.05 44.39 66 981-82 3175.4 40.72 4610.2 59.12 969.4 21.03 12.43 3640.8 78.97 46.69 77 981-82 3175.4 40.72 4610.2 59.12 969.4 21.03 12.43 3640.8 78.97 46.69 77 981-82 3175.4 40.72 4610.2 59.12 969.4 21.03 12.43 3640.8 78.97 46.69 77 910 Primary Exports under section 0 to 4 12.43 3640.8 78.97 46.69 77 910 Manufactured exports under section 0 to 4 (11) Traditional Manufactured exports These include Cott	978-7	123.	7.2	57	2.5	57.	1.2	3.2	812.	8.7	9.2	70
980-81 2707.1 40.61 3942.9 59.15 983.6 24.95 14.75 2959.3 75.05 44.39 666 981-82 3175.4 40.72 4610.2 59.12 969.4 21.03 12.43 3640.8 78.97 46.69 779	980-81 2707.1 40.61 3942.9 59.15 983.6 24.95 14.75 2959.3 75.05 44.39 66 981-82 3175.4 40.72 4610.2 59.12 969.4 21.03 12.43 3640.8 78.97 46.69 77 981-82 3175.4 40.72 4610.2 59.12 969.4 21.03 12.43 3640.8 78.97 46.69 77 981-82 3175.4 40.72 4610.2 59.12 969.4 21.03 12.43 3640.8 78.97 46.69 77 981-82 3175.4 40.72 4510.2 59.12 969.4 21.03 12.43 3640.8 78.97 46.69 77 991-90 70.0 74.0 40.4	979-8	559.	9.9	80	9.7	34.	9.6	7.7	692.	0.3	8.0	40
81-82 3175.4 40.72 4610.2 59.12 969.4 21.03 12.43 3640.8 78.97 46.69 779	<pre>981-82 3175.4 40.72 4610.2 59.12 969.4 21.03 12.43 3640.8 78.97 46.69 77</pre>	980-8	707.	0.0	942.	9.1	83.	4.9	4.7	959.	5.0	4.3	66
	<pre>oute : (i) Primary Exports : Exports under section Ø to 4 (ii) Manufactured exports : Exports under section 5 to 8 (iii) Traditional Manufactured exports : These include Cotton and Jute Textile [iv) Non-Traditional Manufactured Exports and Manufactured Tobacco (iv) Non-Traditional Manufactured Exports : These are (i) minus (iii)</pre>	81-8	175	0.7	610.	9.1	69.	1.0	2.4	640.	8.9	6.6	79
	Leauner manulactured froquets and Manulactured Tobacco) Non-Traditional Manufactured Exports: These are (11) minus () <u>1</u>	11) 11)	ufactur ditional	exports Manufacti	xports export	nder sect : These	5 to lude		Jute	це Г		
ii) Manufactured exports : Exports under section 5 to 8 ii)_Traditional Manufactured exports : These include Cotton and Jute Textiles,		(1	~	uner -Trad	2 2 m	ied s	n manui orts :	ured Io Se are	acco ii) minus	(111)			20

66 to Rs.3175.4 crores in 1981-82, whereas the exports of manufactured goods increased from Rs.608.8 crores in 1965-66 to Rs.4610.2 crores in 1981-82.

Thus, we can see that though in value terms, both these commodity groups of exports seem to be rising, but in relative terms, they clearly indicate a reverse trend behaviour over time.

Moreover, it is intelligble from the table that the traditional manufactured and non-traditional manufactured groups of exports though seem to be rising in value terms, indicate reverse trend behaviour in relative terms. This can be seen from the fact that in value terms, the exports of traditional manufa; ctured goods increased from Rs.432.4 crores in 1965-66 to Rs.969.4 crores in 1981-82 and the exports of non-traditional manufactured goods increased from Rs.176.4 crores in 1965-66 to Rs.364Ø.8 crores in 1981-82. However, in relative terms, both these commodity groups of exports indicate a reverse trend behaviour not only in relation to the exports of total manufactured goods, but also in relation to total exports.

The percentage of traditional manufactured goods exports in total manufactured goods exports declined from 71.02% in the year 1965-66 to 21.03% in the year 1981-82. Similarly, its share in the total exports also declined from 34.23% in the year 1965-66 to 12.3% in the year 1981-82. However, the percentage

share of non-traditional manufactured goods exports in total manufactured goods exports increased from 28.97% in the year 1965-66 to 78.97% in the year 1981-82 and similarly, its percentage share in total exports also increased from 13.96% in the year 1965-66 to 46.69% in the year 1981-82.

Thus, we can see that though the percentage share of total manufactured goods exports in total exports increased over a period of time indicate however a reverse trend behaviour in terms of percentage share, if the total manufactured goods exports are seggergated in two subgroups as mentioned earlier.

Since the structural behaviour of exports can also be viewed from the change in the commodity composition of exports, we present below an analysis of commodity composition of Indian exports according to market environment and SITC (Standerd International Trade Classification) commodity groups.

6.4.3 <u>Commodity Composition of Indian</u>

Exports According to Market Environment: As far as Indian exports are concerned, the commodity exports can be classified in to the monopolistic, oligopolistic, competitive and other exports. The classification is based on the nature of competition faced by commodity exports in the world market with reference to the same, we present below the details of classification. Monopolistic Exports : Exports under this category include, Jute textiles, Mica, cashew Kernel and Lac.

Oligopolistic Exports : Exports under this category include Tea, Cotton textiles, Tobacco, Managanese ores, Black Pepper and Castor oil.

<u>Competitive Exports</u> : Exports under this category include Coffee, Raw Cotton, Raw Wool, Hides and Skins, Groundnut oil, Linseed oil, Coal and Coke and Iron ore.

<u>Other Exports</u> : These exports are equal to total exports less an aggregation of rest of the exports under monopolistic, oligopolistic and competitive environment.

It becomes clear from Table 6.5 that all the commodity groups of exports according to market environment reflect an increase in value terms over a period under consideration. Howeever, the percentage share of monopolistic exports in total exports shows a systematically declining trend of 27.04% in the year 1965-66 to 6.24% in the year 1981-82 and the oligopolistic exports also shows a declining trend of 27.46% in the year 1965-66 to 12.28% in the year 1981-82. The declining share of monoploistic and oligopolistic exports in total exports indicates that monopolistic and oligopolistic strength of Indian exports has declined over a period of time under consideration. This can be attributed to an entry of new exporters in the world

TAble : 6.5 Composition of Indian Exports According to Market Environment	c Oligopolistic Competi Environment Environ	rcentage Value in Percentage Value in Percentage Value in Percentage Value in f Total Crores of of Total Crores of of Total Crores of of Total Crores of Export Rupees Export Rupees Export Rupees Export	(4) (5) (6) (7) ·(8) (9) (7 Ø4 35Ø 1 27 46 176 2 13 82 404 31 6	8 281.4 24.33 185.2 16.01 374.9 32.38 115	.8 314.5 26.24 176 14.68 410.9 34.28 119	3Ø6.7 22.57 2Ø2.1 14.87 552.6 4Ø.67 1358.	20.1 287.4 20.34 220 15.57 621.7 43.99 1413.	7.14 314 20.45 239.9 15.63 718.2 46.78 1535.	12 327.3 20.35 238.4 14.82 702.9 43.71 160	7.42 382.3 19.5 344.8 17.58 892.2 45.5 1960.	3.05 493.1 19.54 389.6 15.44 1311.4 51.97 2523.	3.74 553.4 16.62 391.4 11.76 1926.5 57.88 3328 .	43 561.6 14.25 550.5 13.97 2457.7 62.35 3941.	769.8 14.97 679.8 13.22 3358.4 65.31 5142.	1024 18.93 697.5 12.9 3268.3 60.44 5407.	4.8 758.7 13.25 725.8 12.68 3966.5 69.27	.13 827.1 12.13 968.8 14.21 4536.2 66.53 6	13.46 963.8 14.36 4342.5 64.71 671	b.24 958.3 IZ.28 819.3 10.49 5541.5 70.99 	he increased value of pre-devaluation rupee.	axports , inese are oute testifes, inca, cashew nerher and a, Cotton Textile, Tobacco, Mangenese Ores, Black Pepper & C concute , These include Coeffee Der Catter Der Weel Uider	Groundnut Oil, Linseed Oil, Coal and Cocke and Iron Ore.	are total exports minus total of (i), (ii) and (iii). e basis of information available in the various issues of	<u>elating to Indian Economiy</u> , Published by Central Statistical Organisation,
T Composition of	istic Oli ment Env	entage Value Total Crores port Rupee) (7 04 35	7.28 28	.8 314.	1.89 3Ø6.	20.1 287.	7.14 31	1.12 327.	7.42 382.	3.05 493.	3.74 553.	43 561.	769.	.73 1.02	4.8 758.	.13 827.	.47 903.	b.24 950 	he increased	a, Cotton Tex	exports . Ines Groundnut 0il,	orts are total n the basis of	Relating to Indi
Commod1ty		Value in Crores of Rupees	1	4	1966-67 315.	967-68 297.	968-69 297.	969-7Ø 284.	970-71 263.	971-72 339.	972-73 341.	973-74 329.	974-75 457.	975-76 371.	976-77 334.	977-78 418.	8-79 275.	979-80 486.	1980-81 501.3	1-82 40 	figures with 1.575, t) Note : (1) Monoralistic	(ii) (ii)	and Sl	(iv) Other ex Source : Estimated	Statistics Densetmont

market for exports and diversification of exports. However, the percentage share of competitive exports does not indicate a systematic trend behaviour which can be seen from the fact that the share of competitive exports increased fom 13.82% in the year 1965-66 to 17.58% in the year 1972-73 and thereafter, in the year 1973-74 it declined to 15.44%. It is also visible that during 1973-74 to 1981-82, the percentage share of competitive exports show a systematically declining trend of 15.44% in the year 1973-74 to 10.49% in the year 1981-82. This declining trend after 1973-74 weakened the competitive strength of Indian exports in general and competitive exports in particular. Whereas, we find that other exports show a systematically increasing trend in percentage share in total exports from 31.68% in the year 1965-66 to 70.99% n the year 1981-82.

Thus we can perceive that over a period of time the competitive strength of Indian exports in general declined.

6.4.4 The Commodity Composition of Indian Exports According

to SITC Commodity Sections : As far as the commodity composition of Indian exports according to SITC commodity groups is concerned, Table 6.6 reveals important changes in the relative position of SITC commodity groups by sections.

	Total	C Q N N	(12)	100.00	100.00	100.00	100.00	100.00	100.00		100.00					100.00	100.00		100.00	100.00
	6	Lite Lite Ling Nd	(11)	Ø.46	0.4	4	4.	د .	0	ن	0.28	ŝ	ø.	 	0.17	2	0	2	2	
	8	Miscella- neous Manufac- tured Articles	(10)	. 6	റ്	ø	3.43	4	ື່	5.29		2.	ന	-	9.65	ŝ	ŝ	ö	ø	3.3
	L	Machinery and Transport Equipment	(6)	1.31	1.34	1.6	2	3.93	°,	4	4.31	ю.	6.42	4	φ,	N,	<u>ი</u>	7	7.88	6
According ication : n)	9	Manufac- tured Goods Classified Chiefly by Materials	(8)	. 7	2.5	2.8	4.4	4.7	0.3	1.3	41.65	9.0 .0	5.7	ы. Б	1.2	°°	0.7	4	4.7	3.Ø
xports Ac Classific ribution	2	Chemi- cals	(1)	1.43	2	<u>е</u>	5	4	က္	N,	2.07	က္	• ,	Ŋ	<i>с</i> ,	က္		0	3.52	8
ndia Ex Trade C e Distr	4	mal & table ls & ats	(9)	5.	~	e.	0.88	ຕ	4.	4.	****	2	1.04	ŝ	ø	4	<u>.</u>	8.	01	01
Composition of I d International (Percentag	3	leral lels cants lated rials	(5)	ч.	ø	. 7	°.	9.	°,	-	1.63	ပ်	<u>ں</u>	ġ.	0.64	ŝ	ຕຸ	e,	4.	ω.
<u>Commodity Com</u> to Standard I	2	Crude Materials Inedible L except Fuels	(4)	8.	ж 8	~	5.6	6.4	6.5	ø	13.01	က	Ø.	4		6	ი,	4	ŝ	<u>о</u> .
Com to	1	Bever- ages h ages h Tobacco		7.	o,	<u>о</u> .	4.	с. С	7	ω.	3.28	ω.	4	Ω.	Ø		ø	æ,	7	ø
	8	Food and Live Animals	(2)	30.	30.6	30.3	26.8	24.5	27.0	27.1	26.69	26.9	30.6	31.5	25.3	28.	25.5	26.	25.5	24.6
	Year			965-6	966-6	967-6	968-6	969-7	970-7	971-7	1972-73	973-7	974-7	975-7	976-7	977-7	978-7	979-8	980-8	981-8

Source : Calculated from Appendix Table : VI-4

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With reference to above, it can be seen that the percentage share of Section-Ø, Food and Live Animals in total exports declined from 30.10% in the year 1965-66 to 24.61% in the 1981-82. Similarly, the percentage share of Section-2, crude Materials inedible except Fuel show a decline from 16.82% in the year 1965-66 to 9.94% in the year 1981-82 and the share of Section-6, Manufactured Goods classified chiefly by materials in total exports declined from 42.76% in the year 1965-66 to 33.07% in the year 1981-82, whereas the share of commodity Section-9, Commodities and Transactions not classified according to kind in total exports also shows a decline from Ø.46% in the year 1965-66 to $\emptyset.16\%$ in the year 1981-82 and its share however, remained less than one percent through out the period under consideration.

However, reverse trend behaviour in terms of percentage share can be discerned with regard to the commodity Section - 5, 7 and 8 of SITC commodity groups. The share of chemicals increased from 1.43% in the year 1965-66 to 4.81% in the year 1981-82 and that of Machinery and Transport Equipment systematically increased from 1.31% in the year 1965-66 to 13.32% in the year 1981-82.

Moreover, the commodity Section-1, 3 and 4 do not show any systematic trend behaviour of their percentage shares in the total exports. Thus, we can see that the commodity composition of Indian exports in terms of percentage share in total exports increased for commodity Sections-5, 7 and 8, whereas it declined for the commodity Section- \emptyset , 2, 6 and 9.

6.4.5 <u>Commodity Concentration Index of Indian Exports</u> <u>According to Market Environment and SITC</u> <u>Commodity sections</u>:

In order to ascertain, whether there has been a diversification or concentration of Indian exports over time, we have estimated the commodity concentration index for Indian exports according to market environment and commodity sections of SITC commodity groups for the period of 1965-66 to 1981-82, using the formula given below :

Commodity concentration Index,
$$C = \sqrt{\sum (X_i/X)^2 \cdot 100}$$

Where Xi referes to exports of ith item and X refers to the total exports from India.

2. Michaely Michael, Op.cit., pp.722-736.

As far as the interpretation of commodity concentration index is concerned, lower the value of the index more evenly are the exports distributed and vice-versa and declining trend of index indicates greater diversification of exports and viceversa. However, it is pertainent to note that the value of the index depends on the type of classification adopted.

Table 6.7 indicates the estimated values of commodity concentration index of Indian exports over time. Accordingly, we can see that the commodity concentration index shows a declining trend for both the SITC commodity sections and exports according to market environment. As far as the SITC commodity sections are concenred, the concentration index declined from 55.14 in 1965-66 to 45.59 (i.e a decline by 9.43%) in the year 1981-82, and for Indian exports according to market environment the index declined from 49.94 in the year 1965-66 to 17.13 (i.e a decline by 65.34%) in the year 1981-82 reflecting greater degree of diversification of Indian exports according to market environment as compared to Indian exports according to SITC commodity sec-This implies that greater the degree of aggregation tions. involved in classification of Indian exports greater will be the decline in the index and greater will be the diversification of Indian exports. However, it is important to note that since, the concentration index has declined for both the commodity groups of

TABLE 6.7

Commodity Concentration Index of Indian Exports

1965-66 to 1981-82

Year	Commodity Concentrat of Indian Exports Acc	
denn (non anti- anti- anti- anti- anti- anti- anti- anti-	1 SITC Commodity Sections	Market Environment
(1)	(2)	(3)
1965-66	55.14	49.94
1966-67	55.59	39.91
1967-68	55.18	38.97
1968-69	54.54	34.78
1969-7Ø	54.02	32.56
1970-71	51.93	30.92
1971-72	52.32	32.86
1972-73	51.84	31.51
1973-74	5Ø.93	28.12
1974-75	49.55	24.56
1975-76	49.42	22.07
1976-77	51.21	21.ØØ
1977-78	52.Ø4 .	24.18
1978-79	51.02	18.96
1979-8Ø	49.27	20.00
1980-81	47.52	21.Ø5
1981-82	45.59	17.31

2. Calculated from Table : 6.5.

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exports. This also implies that the economic fortunes of India has not been dependent on a few commodities exports, but on a wide range of commodities.

6.4.6 <u>Direction of Indian Exports According</u> to <u>Regional Destination</u>: Since change in the direction of Indian exports accord-

ing to regional destination is also an indicator of structural change, we present below an analysis of structural change in Indian exports as per regional destination.

India is having trade relations with many regions of the world in which all countries of the world are classified in to Regions \emptyset to 9. As far as regional classification is concerned, we have adopted the regional classification of April 1966. Since the period under consideration is 1965-66 to 1981-82 and the new regional classification of April 1977 was made applicable thereafter, we have reclassified the regions after April 3 1977 according to the regional classification of April 1966 in order to ensure comparability over time.

It can be seen from Table 6.8 on Direction of India's exports, that the percentage share of exports in total exports in terms of regional destination of Region 1 North American countries, Region-2 Latin American Countries, Region-3, other Ameri-3. See, for correspondence between the two classifications, <u>Appendix-Table</u> : VI-5

	Total	Export = Total of all regions	(12)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	
	Region-9	Other Buropean Countries	(11)	1.03	0.84	Ø.86	Ø.8	0.81	0.81	0.82	0.97	1.16	Ø.98	Ø.83		Ø.85	0.91	1.15	0.71	Ø.82	
	Region-8	Buropean Free Trade Area Countries	(10)	19.38	18.65	20.32	15.95	12.96	12.38	11.72	10.51	12.27	10.82	12.5	12.96	11.86	11.96	10.86	8.78	8.16	
	Region-7	Buropean Common Market Countries	(6)	6.83	7.69	7.41	8.17	7.12	6.44	7.72	11.34	12.79	11.08	10	16.29	15.47	17.4	18.24	14.65	12.27	a dad juma man pada ning jump tau ang pag-
n)	Region-6	East Buropean Countries	(8)	19.5	19.58	18.83	19.63	21.83	23.72	21.43	24.02	19.35	20.58	17.17	15.41	17.34	11.53	13.92	22.79	26.34	The same state and the same state
<u>6.8</u> (Percentage Distribution)	region-5	Other Asian & Oceanian Countries	(7)	3.58	3.36	3.67	4.94	5.15	4.71	3.9	3.71	5.61	8.73	8.28	11.06	10.63	10.6	9.64	9.11	10.58	
<u>6.8</u> (Percentage	Region-4	Economic & Social Commission for Asia & the Pacific Countries	(6)	19.73	20.95	22.64	25.33	26.67	26.8	26.37	28.42	29.27	27.38	- 29.93	24.76	23.73	26.97	27.08	24.9	22.75	a daa kaa daa markaa kaa kaa ma
TABLE - Exports :	Region-3	Other American Countries	(5)	0.2	0.2	0.16	0.15	0.15	0.13	0.17	0.11	0.1	0.11	Ø.16	Ø.15	0.11	0.12	0.03		Ø.Ø5	Le VI-6.
Direction of Indian	Region-2	North Latin American American CountriesCountries	(4)	1.3	Ø.86	0.45	0.27	Ø.33	0.54	Ø.79	0.21	Ø.48	0.6	Ø.33	Ø.29	0.21	0.24	Ø.28	- Ø.48	0.24	endix Tabl
lirection	Region-1	North Latin American American CountriesCountrie	(3)	20.86	21.68	19.79	19.4	18.73	15.4	18.85	15.53	14.94	12.59	13.93	12.01	13.36	14.35	13.56	12.03	12.98	l from <u>App</u>
- H	Region-Ø	African Countries	(2)	7.59	6.19	5.87	5.36	6.25	9.07	8.23	5.18	4.03	7.15	6.87	6.07	6.44	5.92	5.18	6.49	5.81	Calculated from <u>Appendix Table</u>
	Year		(1)	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	Source :

can countries and Region-8 European Free Trade Area countries shows a systematically declining in trend of 20.86% to 12.98%, 1.30% to 0.24%, 0.20% to 0.05% and 19.38% to 8.16% respectively in the year 1965-66 and 1981-82.

However, it is noticeable that the percentage share of exports in total exports in terms of regional destination of Region-5 other Asian and Oceanian countries, Region-6 East European countries and Region-7 European Common Market Countries indicates a rising trend of 3.58% to 10.58%, 19.50% to 26.34% and 6.83% to 12.27% respectively in the year 1965-66 and 1981-82. As far as Region-0 African Countries and Region-9 other European Countries are concerned, the percentage share in total exports does not show any clear cut trend that can be concluded.

Thus we can see that the Regions-5, 6 and 7 are gaining increasing relative importance, whereas Regions-1, 2, 3 and 8 are loosing relative importance in India's export trade over the period under consideration.

Moreover, the percentage share of exports in total exports accounted for by Region-4, Economic and Social Commission For Asia and the Pacific Countries increased from 19.73% in the year 1965-66 to 29.93% in the year 1975-76, however, thereafter it declined to 22.75% in the year 1981-82.

6.4.7 Growth Rates of Indian Exports during 1965-66 to 1981-82 :

Since, the structural behaviour of Indian exports can as well be assessed in terms of rates of growth of exports over time, we have estimated, the average percentage rates of growth of exports per annum at current prices of various commodity groups of exports viz. Traditional and Non-Traditional, Primary and Manufactured Goods comprising, Traditional Manufactured Goods and Non-Traditional Manufactured Goods, and Exports according to Environment comprising, Monopolistic, Oligopolistic, Market Competitive and other by using the formula given below:

ercentage Rate
of Export Per =
$$\frac{\frac{Y_t - Y_{t-1}}{Y_{t-1}}}{\eta - 1} \cdot 100$$

Average Pe of Growth Annum

Where Y , refers to the value of exports in year `t' Y refers to the value of exports in year t-1 t-1

n refers to the total number of observations.

In order to undertake an analysis of growth rates of we have estimated the rates of grwoth of exports of exports, various commodity groups over a period of 1965-66 to 1981-82 and 1972-73 to 1981-82 as the later period experienced a transmission of world wide phenomenon of inflationary price rise consequent

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upon a sudden oil price hike in the middle of 1973 which affected the value of exports.

Growth Rates of Exports fo Various Commodity Groups :

It becomes evident from Table 6.9 that during 1965-66 to 1981-82, the total exports registered a growth rate of 12.58% per annum on an average. However, it should be noted that the non-traditional exports increased at the rate of 18.20% per annum greater than that of 7.05% per annum of traditional exports. Similarly, the exports of non-traditional goods increased at the rate of 22.49% per annum greater than that of exports of traditional manufactured goods of 6.25% per annum and the total manufactured exports increased at a rate of 14.23% per annum greater than that of primary exports of 11.14% per annum. Further, within the group of exports, according to market environment the other exports increased at a rate greater than that of monopolistic, Oligopolistic and competitive exports of 4.87%, 7.80% and 11.19% per annum respectively. A similar picture emerges as regards, the inter-commodity comparision of growth rates of various commodity groups of exports during sub-periods 1965-66 to 1972-73 and 1972-73 to 1981-82.

However, an altogether a different picture as regards, the growth rates of exports of various commodity groups is perceived, if the pattern of growth rates is compared by sub-periods

Name of the Various Commodity Groups of Indian Exports	Growth c		e Rates of per annum Prices
	Period 1965-66 to 1981-82	Period 1965-66 to 1972-73	1972-73
(1)	(2)		
[A] Traditional &	r Spin Xilar Salar Bard york und sala but das dala bila bila yord) Qual landi Mush dhat MarMir viya	
1 <u>Non-Traditional</u> (i) Traditional (ii) Non-Traditional		3.Ø5 12.39	1Ø.16 22.73
[B] Primary &			
2 <u>Manufactured</u> (i) Primary (ii) <u>Total Manufactured</u> (a) Traditional (b) Non-Traditional	11.14 14.23 6.25 22.49	5.27 8.5Ø 4.28 17.4Ø	15.71 18.69 7.78 26.45
[C] <u>According to Market</u> 3			
Conditions (i) Monopolistic (ii) Oligopolistic (iii) Competitive (iv) Others	4.87 7.8Ø 11.Ø1 19.Ø1	Ø.51 1.95 1Ø.98 12.82	8.26 12.35 11.36 23.83
4 [D] <u>Total Exports</u>	12.58	6.72	17.15
Source : 1. Calculated from 2. Calculated from 3 & 4. Calculated from	Table : 6.4		

TABLE 6.9

Rates of Growth of Indian Exports by Various Commodity Groups

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1965-66 to 1972-73 and 1972-73 to 1981-82. As far as the latter period is concerned, the total exports increased at a rate of 17.15% per annum, greater than that of 6.72% per annum during the former period.

Further, the similar picture emerges as regards, the growth rates of exports of various commodity groups in the sense that the growth rates of various commodity groups of exports are higher during 1972-73 to 1981-82 as compared to that of during 1965-66 to 1981-82.

Thus, we can see that the average percentage rates of growth of exports of various commodity groups are higher during 1972-73 to 1981-82 as compared to that of during 1965-66 to 1972-73. These higher growth rates of exports after 1972-73 can be attributed to the resultant effects of world wide phenomenon of inflationary price rise consequent upon oil price hike in the middle of the year 1973.

6.4.8 Instability Index of Indian exports By Various CommodityGroups :

As far as the structural behaviour of Indian exports is concerned, it can be assessed in terms of instability index indicating, year-to-year percentage variation adjusted for trend. Therefore, in order to assess the relative instability of various commodity groups of exports at current prices the instability index of exports has been estimated by using the formula given by 4 J.D. Coppock. Accordingly, the instability index equals the anti-log of the square root of the logarithmic variance of series is given by

$$\bigvee \log = \frac{1}{N-1} \cdot \sum \left[\log X_{t-1} - \log X_t - \frac{1}{N-1} \cdot \sum \left(\log X_{t+1} - \log X_t \right) \right]^2$$

Where, N and X refer to number of years and value of exports respectively and subscripts indicate the date.

Thus, the resulting instability index is a closer approximation to the year-to-year percentage variation adjusted for trend.

It becomes evident from Table 6.10 that during the period of 1965-66 to 1981-82, the traditional exports are more stable with an instability index of 11.83 than that of nontraditional exports with an index of 15.81. Whereas within the group of primary and manufactured exports, the primary exports

4. Coppock J.D., <u>op.cit.</u> p.24

TABLE 6.10

Instability Index of Indian Exports By Yarious Commodity Groups

Name of the Various Commodity Groups of Indian Exports	Instability Index of Indian Exports at Current Prices
	Period : 1965-66 to 1981-82
(1)	(2)
[A] <u>Traditional &</u>	
1 <u>Non-Traditional</u> (i) Traditional (ii) Non-Traditional	11.83 15.81
[B] Primary &	
2 <u>Manufactured</u> (i) Primary (ii) <u>Total Manufactured</u> (a) Traditional (b) Non-Traditional	11.57 13.12 15.51 2Ø.38
[C] According to Market	
Gonditions (i) Monopolistic (ii) Oligopolistic (iii) Competitive (iv) Others 4	25.84 17.81 15.6Ø 16.15
[D] Total Exports	11.24
Source : 1. Calculated from Table 2. Calculated from Table 3 & 4. Calculated from Table	2:6.4

are more stable with an index of 11.57 than that of manufactured exports with an index 13.12. However, within the manufactured exports group, the traditional manfuactured exports are more stable with an index of 20.38. Moreover, within the group of exports according to market conditions, the competitive exports are more stable with an index of 15.60 than those of monopolistic, oligopolistic and others with index values, 25.84, 17.81 and 16.15 respectively.

Thus, it becomes clear from the analysis given above, that the primary exports, traditional exports, traditional manufactured exports and competitive exports are more stable as compared to exports of manufactured goods, non-traditional exports, non-traditional manufactured exports and monopolistic and oligopolistic exports respectively during the period of 1965-66 to 1981-82.

6.4.9 Relation between Indian Exports and Economic Development :

In order to ascertain as to which commodity groups of Indian exports are relatively of a greater significance in relation to economic development of India over a period of 1965-66 to 1981-82, we have run a simple linear regression of the proportion of a given commodity group of exports in total exports (Y) on per capita income (X) at current prices, as per capita income being an indicator of economic development. The regression model that is estimated is given below:

$$\begin{array}{ccc} Y &= a + bX \\ t & t \end{array}$$

Where, Y refer to the proportion of a given commodity group of exports in total exports

X refers to the per capita income at current prices Subscript, t refers to time.

It becomes clear from table 6.11 that out of ten regression equations estimated for ten commodity groups of exports, four of them viz. non-traditional exports, total manufactured exports, non-traditional manufactured exports and others exports are of relatively greater significance in relation to economic development of India as their proportion in total exports vary directly with per capita income over a period of 1965-66 to 1981-82 which can be inferred from the fact that their slope coefficients have not only positive sign but their t values are statistically significant at 1 per cent level of confidence and their R values are reasonably high implying that greater proportion of variation in the dependent variable (Y) can be explained by independent variable (X).

	Name of the Category of Commodity Exports of India	Estimated Regression Equation	2 R
(1)	(2)	(3)	(4)
1.	Traditional	$Y = \emptyset.7334147 - \emptyset.0003003X \\ ** \\ (22.727) \\ (9.299)$	Ø.8524
2.	Non-Traditional	$Y = \emptyset.2665852 + \emptyset.0003003X ** ** ** (8.197) (9.228)$	Ø.85Ø4
3.	Primary	$Y = \emptyset.53\emptyset8617 - \emptyset.\emptyset\emptyset00869X ** **(29.945) (4.898)$	Ø.6158
4.	Total Manufactured	$Y = \emptyset.464\emptyset778 + \emptyset.\emptyset\emptyset0\emptyset0887X \\ ** $	Ø.6142
5.	Traditional Manufactured	$Y = \emptyset.3793949 - \emptyset.\emptyset\emptyset017\emptyset3X \\ ** \\ (18.153) \\ (8.143)$	Ø.8156
6.	Non-Traditional Manufacturted	$Y = \emptyset. \emptyset 8449 \emptyset 6 + \emptyset. \emptyset \emptyset \emptyset 2591X * ** (2.676) (8.202)$	Ø.8176
7.	Monopolistic	$Y = \emptyset.3117909 - \emptyset.0001768X$ ** ** (13.923) (7.890	Ø.8Ø62
3.	Oligopolistic	$Y = \emptyset.2855567 - \emptyset.0001076X \\ ** $	Ø.7897
€.	Competitive	$Y = \emptyset.168\emptyset366 - \emptyset.\emptyset\emptyset000279X ** ** ** (19.635) (3.258)$	Ø.4147
1Ø.	Others	$Y = \emptyset.2344235 + \emptyset.00003124X \\ ** $	Ø.8559

However, it can be seen that the other six commodity groups of exports viz. traditional exports, primary exports, traditional manufactured exports, monopolistic exports, Oligopolistic exports and competitive exports are of relatively lesser significance in relation to economic development of India as their proportions in total exports vary inversely with per capita income over period under consideration which can be inferred from the fact that their slope co-efficients have not only negative sing but their t-values are significant at 1 per cent level of 2 confidence and their values of R (except in case of competitive exports) are reasonably high indicating that greater proportion of variation in the dependent variable (Y) can be explained by independent Variable (X).

Further, in order to examine, the relation between SITC Sections of Commodity exports of Indian and economic development, we estimated in a similar way as above, the regression of the proportion of each SITC section of commodity exports of India in total exports (Y) and per capita income (X) at current prices over a period of 1965-66 to 1981-82.

As far as SITC Sections- \emptyset , 1, 3 and 4 of commodity exports of India are concerned, their estimated regression equations being statistically insignificant are not presented here and therefore are excluded from the perview of the present study. It becomes evident from Table 6.12 that out of six regression equations estimated for six SITC Sections of commodity exports of India, three of them, viz. Section-5 Chemicals, Section-7 Machinery and Transport Equipment and Section-8 Miscellaneous Manufactured Articles are of a relatively greater importance in relation to economic development of India as their proportion in total exports vary directly with per capita income over time which can be inferred from the fact that their slope coefficients have not only positive signs but their t-values are statistically significant at 1 per cent level of confidence and 2 their values of R are reasonablly high indicating that greater proportion of variation in the dependent variable (Y) is explained by independent variable (X).

However, it can be seen that the other three SITC Sections of commodity exports, viz., Section-2, Crude Materials inedible except Fuels, Section-6 Manfuactured Goods classified chiefly by materials and Section-9 Commodities and Transactions not classified, according to kind are of a lesser importance in relation to economic development of India as their proportion in total exports vary inversely with per capita income over time which can be inferred from the fact that their slope coefficients have not only negative sings but their `t'- values are statistically significant a 1 per cent level of confidence and their

TABLE 6.12 Relation Between Proportion of Exports of SITC Commodity Groups in Total Indian Exports (Y) and Per Capita Income (X) At Current Prices: 1965-66 to 1981-82 _____ Section Name of the SITC Estimated Regression Equation R Section of No. Commodity Exports of India (1) (2) (3) (4) _____ 2. Crude Materials $Y = \emptyset.1934537 - \emptyset.0000625X$ Ø.7413 ** ** (20.253) (6.539) inedible except Fuel $Y = \emptyset. \emptyset \emptyset 6 \emptyset 3 5 3 + \emptyset. \emptyset \emptyset \emptyset \emptyset 1 9 8 X$ 5. Chemical Ø.7879 * ** (2.265) (7.426) Manufactured Goods $Y = \emptyset.4651093 - \emptyset.0000721X$ 6. Ø.6Ø64 (31.066) (4.812) Classified Chefly by materials 7. Machinery & Trans- $Y = \emptyset.\emptyset\emptyset39459 + \emptyset.\emptyset\emptyset\emptyset\emptyset496X$ Ø.8254 ** (Ø.67Ø) (8.417)port Equipment $Y = -\emptyset.0121430 + 0.0000923X$ 8. Miscellaneous Ø.9496 * ** (2.206) (16.762) Manufactured Articles Commodities and $Y = \emptyset.\emptyset\emptyset47684 - \emptyset.\emptyset\emptyset\emptyset\emptyset020X$ Ø.63Ø8 9. ** ** (11.561) (4.846)Transactions not classified According to Kind Note : * Significant at 5 per cent level ** Significant at 1 per cent level Source : Estimated from Appednix Table VI-4 and Appendix Table $\overline{V-7}$.

values of R 'are reasonably high indicating that greater proportion of variation in the dependent variable (Y) is explained by independent variable (X).

Hence, we can conclude that the commodity exports of Chemicals, Machinery and Transport Equipment and Miscellaneous Manufactured Articles are of a greater importance to the economic - development of India over time as compared to the commodity exports of Crude materials inedible except Fuels, Manufactured Goods classified chiefly by materials and Commodities and Transactions not classified according to kind.

Appendix Table : VI-1

Classification Table of Indian Exports in to Various Groups :1970-71 to 1981-82

Sr.No.	Group	Name of the commodity
(1)	(2)	(3)
I.	Agricultural and Allied Products	Jute Manufactures, Tea, Oil cakes, Tobacco, Cashew Kernel, Coeffee, Sugar, Pepper, Raw Cotton, Fish and Fish preparations, Vegetable Oils (essential & non-essential) Hides & Skins & furskins.
II.	Ores and Minerals (excluding Coal)	Iron Ore, Mica, and Manganese Ore
III.	Manufactured goods	Cotton fabrics, coir yarn and manufac- tures, Leather and Leather products (Excluding footwear), Engineering goods, Iron & Steel (excluding ferro-managanese Ores and ferro alloys), Chemicals and Chemical products, Art silk fabrics, Footwear, Cotton apparel, Handicrafts.
IV.	Mineral Fuels & Lubricants (including Coal)	Mineral fuels & Lubricants
V.	Others	Other exports including silver.

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Appendix Table VI.3

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Appendix Table VI-2

INDIA'S PRINCIPAL EXPORTS (1970-71 to 1981-82);

		2					
Sr.No	lodity	1970-71	10	1972-73	197	1974-75	1975-76
	fac	0		N	•	ю.	48.
0	Теа	48.	56.	۲.	4	28.	36.
ю.	Cotton Fabrics :	•	6.	00.	ŝ	158.9	158.7
	[a] Mill made	•	6.	4.	62.	29.	19.
	[b] Handloom			<u>.</u>	\$	9.	თ
4.	Coir Yarn and Manufactures	1		4.	د	7.	•1
ი. ე	Iron Ore	117.3	104.7	<u>.</u>	32.	ø	
9	Oil Cakes	م		4	8		ы. Ю
7.	Ę	Ś		4.	72.		
	(Exlg. footwear)						
ю.	Kerne	~		ω.	4.	8.	. 9
თ	~	2	ۍ م	•	70.9	~	8.
10.	Engineering Goods	ø.	2	14	÷	9	8.
11.		25.1	22.1	2	46	51.4	66.7
	Mica	ີ. ດ	ۍ ب		13	8.	4
	Sugar	2.	0		~	33	20.
14.	Peepar	5. 5	4.	4.	29.5		თ
	Manganese Ore		ø.	ω.	თ	2.	~
			Q	•	•	ີ. ເມ	8
	Mineral Fuel & Lubricants		,	က	Ω.	ø.	<u>د</u>
	Iron & Steel	5	م		ю.		യ
	(Exclg. ferro – manganese						
	and ferro-alloys)						
19.	Chemicals & Allied	29.4	30.4	35.3	50.3	92.9	84.5
20.	Fish & Fish POreparations	30.5	42	54.5	89.2		
	0 Fil	•	•	٠	ω.	8.	ۍ. م
		•				20.3	i
	0	ø.	4	თ	7.		~
	al.						
	non-essential)						
	Cotton Aparel	8.6	14	29	67	96	144.9
ი. ი		٠	81.7	б	с. С	ю.	24.
6.	Hides & Skins & Furskins	0	*	٠	•	•	•
27.	Silver					Ø	
	lers	290.9	286.3	370.9	433.2	626.6	773.2
	W. L. T. FVDAWLS	u c	C C	000		0	

Appendix Table VI-2 Contd.

				(Rs. (Crores)		
Sr.No.	. Commodity	1976-77	1977-78	1978-79	1979-8Ø	198Ø-81	1981-82
1.	Jute Manufactures		244	166.9		33Ø	25Ø.1
2.			569.7 224.8	34Ø.5	367.8	$425.5 \\ 276.5$	373.3
3.	Cotton Fabrics :	254	224.8	224.3	287.4	276.5	272.5
	Tea Cotton Fabrics : [a] Mill made [b] Handloom Coir Yarn and Manufactures	200.8	143.4	163.2	216.3	188.4	ø
	[b] Handloom	53.2	81.4	61.1	71.1	88.1	Ø
4.	Coir Yarn and Manufactures	24		26.4	36.6	88.1 26.2 3Ø3.3	Ø 25.8
5.	Iron Ore	238.5	24Ø.8	232.9	285.2	3Ø3.3	343.4
6.	Oil Cakes	223.8			127.5	125.1	139.4
7.	Leather & Leather Mfgs. (Exlg. footwear)		248	327.7			
8.	Cashew Kernel	1Ø6	149.5	8Ø.2	118.1		168.8
9.	Tobacco	1Ø2.1	117.2	116.3		14Ø.7	227.8
1Ø.	Engineering Goods	554.4	617.4	7ØØ.7	739.1 163.3	727	817.3
11.	Coffee	114.1	194.4	144	163.3	214.2	132.5
12.	Mica	17.4	17.3	18.9	2Ø.6	17.7	27.9
13.	Sugar	148.1	19.5	131	128.9	4Ø.6	4Ø.3
14.	Peepar	38.2 19.1	49.1	147.9	149.4 🕁	4Ø.6 111.4 🕁	112.5 🕈
15.	Peepar Manganese Ore	19.1	1Ø.9	15.4	13.2	12.7	9
16.	Raw Cotton	27	Ø.7	16	75.1	164.9	35
17.	Mineral Fuel & Lubricants	32.7	27.8	19.8	21.2	24.9	24.3
18.	Iron & Steel (Exclg. ferro - manganese and ferro-alloys)	283	185.4	221.9	32.78	69.7	7Ø.1
19.	Chemicals & Allied Products	1Ø9.1	116.7	148.1	197.8	225.6	347.3
2Ø.	Fish & Fish POreparations	18Ø.3	174.3	226.3	253.4	212.9	274.4
21.	Art Silk Fabrics	28.9	26.8	38.9	32.4	21.5	26.5
22.	Footwear	28.8	24	26.3	33.9	4Ø.1	4Ø.4
23.	Vegetable Oils (essential and non-essential	52.6	26.1	18.9	49.5	4Ø.1 22	23.3
24.	Cotton Aparel	257	235.1	345.5	343.7	378.2	547.90
25.	Handicrafts	402.4	751.8	956.7	832.5	378.2 893.8 Ø	1Ø33.8
26.	Hides & Skins & Furskins	ø	Ø	Ø	Ø	Ø	ø
27.	Silver	Ø	78.6	1Ø3.5	2.2	Ø	Ø
	Others	1144.5	900 8	821.4	1171.7	$142\tilde{6}$	2058.5
29.		5143.2	5407.9	5726.3	6418.4	671Ø.7	7796.2

<u>Notes</u> : + Spices @ inclusives readymade Garments * Provisional <u>Source</u> : <u>Economic Survey</u>, Government of India, <u>New</u>, Delhi, Various Issues

	Appendix INDIA'S PRINCIPAL EXPORT	Table IS : (1	VI-3 982-83 TO	1987-88)	C Rs.	IN CRONE	es)
	. Commodity	82-83	1983-84	4-8	85-	86-87	1987-88
	l & Allied Products :	2451.	2621.	2996	3Ø18.	3422.0	N.A.
	Coffee Too fee Too fee	187.1 360 8	181.7	210.2 766 6	264.9 626 3	296.7 576.8	263.2
1 m	oil cakes	48.	51.	36.	34.	89.	73.
4. 1	Tobacco	47.	78.	78.	69.	85.	4
ນ. ເ	Cashew Kernels	135.4	150,8	179.7	225.1	327.6	3Ø6.7
9	Spices	4.	16.	Ø6.	77.	79.	თ
7.	Sugar & Molasses	ω.	74.	ი. ე	ы. С		ø.
ω.	Raw Cotton	07.	57.	თ	8.	Ø4.	ი. ე
ი	Rice	7.	13.	თ	ю.	•	24.
10.	Fish & Fish Preparations	64.	64.	81.	80.	39.	ي
11.	Meat & Meat Preparations	ø.		2	ы. С	ы. С	ς. Ω
12.	Fruits, Vegetables & Pulses (Excl. Cashew						
5	Kernel & Procecced fruits & Juices) Miscellaneous processed foods	153.8	104.6	136.6	124.0	155.8	150.8
) 	(incl. processed fruits & Juices)	80.2	63.2	76.8	82.4	75.5	65.9
ΤI.	Ores & Mineral (Excl. Coal) :	490.8	506.2	637.6	784.7	717.2	703.3
14.	or which Mica	20.1	17.9	19.6	Ø	С	ы. С
15.	Iron Ore	380.5		თ	578.8	546.6	542.8
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		Appendix Table	AT.J LLOWED	(0)			
Sr.No	r.No. Commodity	1982-83	1983-84	1984-85	1985-86	1986-87	7-88
III.	Manufactured Goods :	4551.	96	621Ø.1	6374.2	õ	N.A.
16.	or which Textile fabric & Manufactures		101	D	L.	c	
(i)		419.6	428.8	620.4	1130.1	637.2	3000.0 1063.8
(11)				35.	~	0	
17.	Coir Yarn & Manufactures			•	ო	•	
18.	twist & yarn)	0	170.9	341.3	261.8	244.0	242.8
19.	Leather & Leather Manufactured (incl. leather footwear, leather - travel goods & Leather	ar					
		414.6			769.9		
20.	Handicrafts (incl. Carpet hand-made)	1440.4	1599.3	1750.8	1881.4	2547.6	3253.3
	of which Gems and Jewellery		294.	237.	502		
21.	Chemical and allied products	348.3		•	497.5		•
22.	Machinery, Transport equipment & Metal Manufactures (incl Tron & Steel)	867 7	8.01 P	956 1	1 19	1139 7	1433 M
		•	•	•	•	*	•
.νι	Mineral fuels & Lubricants (incl. coal)	1240.4	1590.0	1822.9	654.9	417.6	656.5
ν.	Others :	70.2	83.4	76.6	62.5	87.2	N.A.
. Ιν	 -1	80	~	1743	10894.6	12452.4	15741.2
Sour	<u>Source : Economic Survey</u> , Government of India, Ne	New Delhi,	1988-89,	s.74, 75.			

Appendix Table VI.3 (Cowhd)

		Incat Export* Sections d d	(12)	1263.3	1152.9	1192.8	1356.3	1408.7	1524.4	1603.2	1954.5	2518.3	3323.3	3931.3	5129.1	5363.2	5706.6	6402.4	6665.8	7798.3	
	6	Commodite and S Transacti of not classified according to kind	(11)	5.8	4.6	5.9	5.5	ъ С	4.5	5.4	5.4	6.8	6.7	7.3	8.9	12.3	13	16.2	15.8	12.7	للله عملم خذته الجنب خانية محمد وحدد خديد عليه ولي
	8	Miscella- neous Manufac- tured Articles	(10)	34	27.5	35.9	46.5	63	76	84.8	112.9	178.8	243.5	310.5	494.6	513.5	693.6	773.7	868.5	1038.5	والما الالا الالا الالة الإلاة الالة المالة الملك الملك اللك
	7	lachinery and ransport quipment	(6)	16.5	15.4	19.1	43.6	55.4	75.1	73.8	84.3	116	213.5	255.2	297.8	335.3	395.1	447.3	525.5	617.4	ويست فيجه سادي والمن والأمر والأمر المراجع
~	9	ManufacturMachinery Good and ClassifiedTransport Chiefly byEquipment Materials	(8)	541.2	490.6	510.7	603	630	615.7	663.3	814.1	666	1166.9	1333.4	2117.5	2190.3	2327.5	2397.6	2314.3	2578.9	
<u>According</u> ification (Rs. Crores)	5	Chemicals M C	(1)	18.1	14.9	15.7	23.7	30.3	36.4	35.4	40.4	58.2	104.1	89.5	119.1	125	153.8	208.4	234.6	375.4	
le VI-4 India Exports According 1 Trade Classification (Rs. Cro	4	Animal & Vegatable Oils & Fats	(9)	7.1	3.1	4.2	12	5.1	7.1	7.9	25.5	32.1	34.4	34.8	52.5	24.9	17.9	52.4	19.3	19.9	
Tab of	ß	L ted	(5)	14.7	12.6	9.2	12.1	9.5	12.6	11.6	31.9	15.3	20.4	35.6				21.2		224.9	
Commodity Composition of I to Standard International	3	everages Crude Minera And Materials Fuels Tobacco Inedible Lubrican except & Relat Fuels Materia	(4)	212.5	208.7	194.3	212	231.4	251.7	240.6	254.3	362.3	432.3	527.1	602.2	482.6	512.4	666.6	813.6	775	
Connodi to Star		Beverages And I Tobacco	(3)	34.2	22.6	35.6	33.8	33.4	32.6	45.1	64.1	71	82.3	98.5	103	117.7	117	115.4	141.3	236.4	
	Ø	Food and Beverages Live And Animals Tobacco	(2)	380.2	352.9	362.2	364.1	345.6	412.7	435.3	521.6	678.8	1016.2	1239.4	1300.5	1533.8	1456.9	1703.3	1705.1	1919.2	
	, wasy		(1)	1965-66**	1966-67**	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	

* Total exports are exlusive of re-exports ** The value figures are adjusted at post-devaluation rate by multiplying the figures with 1.575, the increased value of pre-devaluation rupee. Source : Monthy Statistics of the Foreign Trade of India, vol.I, Exports and <u>Re-Exports</u>, Published by directorate General of Commercial Intelligence and Statistics, Government of India, for the Years 1965-66 to 1981-82

Correspondence Table of Regional Classification

	al Classification of ies, of April 1966	Corresponding Regions and Countries of Regional Classification of April 1977
Region No.	Name of the Region	
(1)	(2)	(3)
Ø 1 2	Africa North America Latin America	Region Nos. 1, 2, 3 and 4 Canada and U.S.A. Region No.6 and <u>Countries</u> : Costa Rica, Cuba, Dominican Republic, El Salvador, Gutemala, Haiti, Hondruas British, Nicaragua, Panama Canal Zone and Panama Republic.
3	Other American Countries	<u>Countries</u> : American Samoa, Antigua, Bahamass, Barbados, Bermuda, British Virgin Islands, Dominica, Fulkland - Islands, French Guiana, French West Indies Gayman Islands, Grenada, Guyana, Hondruas (not British), Jamaica, Martinique, Monteserrat, Netherland Autillies, Pureto Rico, st. Pierre Miquelon, St. Lucia, St. Ritts-Nevis-Anguilla, St. Vinicent, Surinam, Trinidad and Tobago, Turks and Caicos Islands and Virgin Islands of U.S.
4	Economic and Social Commission for Asia and the Pacific	<u>Countries</u> Afghanistan, Australia, Bangladesh, Burma, china People´s Republic of China Republic (formerly Formasa), Hong Kong, Indonesia, Iran, Japan, Kampuchia Democratic Republic.
	ESCAP Countries	Korea Republic, Korea Democratic Republic, Laos, Malaysia, Nepal, New Zeland, Pakistan, Philippines, Singapore, Srilanka, Thailand, Vietnam Republic of Vietnam Democratic Republic.

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Appendix Table VF5 Contd.

	al Classification of ies, of April 1966	Corresponding Regions and Countries of Regional Classification of April 1977
Region No.	Name of the Region	
(1)	(2)	(3)
5.		<u>Countries</u> : Bahrein Island, Brunei, Chistmas Islands Cocos Islands, Cook Island, Cyprus, Fiji Island, Frehch Polynesia, Gilbert and Ellice Islands, Gaum, Iraqe, Israel, Jordon, Kuwait, Lebanon, Macao, Maldive Islands, Mongolia, Nauru Republic of Neutral Zone, New Caledonia, New Herbrides, Nice Islands, Norfolk Islands, Oman, Pacific Island, Papu and New Guin, Pictarin Islands, Portugese Timor, Qutar, Sabah, Sarwak, Saudi Arbia, Soloman Islands, Soloman Islands, Syrian Arab Republic, Tonga, Tuvalu, Tuvalu, Tokelan Islands, United Arab Emirates, Wallis and Futuna Islands, Western Samoa, Yemen People's Democratic Republic, Yemen Arab Republic.
6	East European Countries	Region No.15 and Yugoslavia
7	European Common Market Countries	<u>Countries</u> : Belgium, France, Federal Republic of Germany, Italy, Luxmberg and Netherlands
8	European Free Trade Area Countries	<u>Countries</u> : Austria, Denmark, Norway, Portugal, Sweden, Switzerland and United Kingdom.
9	Other European Countries	<u>Countries</u> : Albania, Andorra, channel Islands, Gibraltar, Greece, Liechtenstein, Malta, Spain, Turkey, Ferore Islands, Finland, Greenland, Iceland and Ireland.
Note :	and April 1977 Given Trade of India, Vol.I Directorate General o	of Regional Classification of April 1966 in <u>Monthly Statistics of the Foreign</u> <u>Exports & Re-Exports</u> <u>Published by</u> <u>f Commercial Intelligence and Statistics</u> , March 1967 and March 1978.

	÷-+-E	Export Export of all regions	(12)	1263.3	1152.9	1192.8	1356.3	1408.7	1524.4	1603.5	1654.4	2518.3	3323.3	3931.3	5129.1	5363.1	5708	6402.4	6665.8	T.2001						
crores)	Region-9	Other Buropean Countries	(11)	13.1	9.7	10.2	10.9	11.4	12.3	13.2	19	29.3	32.6	32.3	50.9	45.6	52.2	73.5	47.3	02.1						
(Rupees in c	Region-8	European Free Trade Area Countries	(10)	244.8	215	242.4	216.3	182.5	188.7	188	205.3	308.7	359.3	491.5	664.8	636.3	682.4	695.5	585.5	4,020.4			ld in			
	Region-7	European Common Market Countries	(6)	86.3	88.7	88.4	110.8	100.3	98.2	123.8	221.7	321.9	368.1	393.5	835.5	829.8	993	1167.6	976.5	302.0	gures wiun nd.	of	of the world		Re-Exports, Lstics,	
	Region-6	East Buropean Countries	(8)	246.3	225.7	224.6	266.2	307.5	361.6	343.6	469.5	487.4	684	674.9	790.2	929.9	657.9	891.3	1519.3	20002.14	udes Ireland	crude oil e	countries (Classification (Classification (Ddix Table VI-5)	orts and Re-Ex and Statistics	
	region-5	Other Asian & Oceanian Countries	(1)	45.2	38.7	43.8	67	72.6	71.8	62.6	72.6	141.3	290.1	325.4	567.5	569.9	604.7	617.2	607.2		raue by muturprying une ilgures wiun s. Region No.9 includes Ireland.	The value figures of total exports are exclusive of the exports of crude oil Rs 196 2 cmomes as country details do not include	On account of change in regional classification of the various countries of Anril 1977, the correstructure between the Regional Classification of Anril	Regional Classification see Appendix Table VI-5)	a, Vol.I, Exports Intelligence and 8	
-6 Exports	Region-4	Economic & Social Commissio for Asia & the Pacific Countries	(9)	249.3	241.5	270.1	343.6	375.7	408.6	422.8	555.4	737.1	908.9	1176.5	1269.8	1272.8	1539.7	1733.6	1659.7	exclusive of re-export	ine value itgures are aujusted at post-develuation rate 1.575, the increased value of pre-devaluation rupee. Region No.7 excludes Denmark, Ireland and U.K. and Region	sive of the	ication of T	according to the Red		
Appendix Table VI-6 Direction of Indian Exports	Region-3	Other American Countries	(5)	2.5	2.3	1.9	0	2.1		2.8	2.2	2.6	3.6	6.4	7.9	6.1	7.1	9	4.2	exports are exc	ins value itgures are aujusted at post-develuation 1.575, the increased value of pre-devaluation rupee Region No.7 excludes Denmark, Ireland and U.K. and]	s are exclusive o	al classif	le according to the ce between the two.	· (O	
Appendix Tabl Direction of Ind	Region-2	North Latin American American CountriesCountries	(4)	16.4	0.0	5.4	3.7	4.6	8.3	12.6	4.2		19.9	13	15	11	13.8	17.8	32.2	otal expo	s aujus ceu au value of pre- Denmark, Irel	The value figures of total exports Rs 196 2 cromes as country details	in region	and of April 1977 has been made April 1966. (For Correspondence	<u>Monthly Statistics of the Foreign</u> Published by Directorate General	Government of India, for the Years
1	Region-1	North American Countries	(3)	263.5	250	236	263.1	263.9	234.7	302.2	303.5	376.3	418.3	547.8	616.1	716.5	819.3	868.2	801.6	ures of t	Leures are ac Increased val excludes Der	es of tot	of change	1 1977 ha	by Direc	t of Indi
	Region-Ø Region-1	African North Latin CountriesAmerican American CountriesCountrie	(2)		71.4	92	42.7	88.1	138.2	131.9	101	101.6	237.5	270	311.4	345.2	337.9	331.7	432.3	Total value figures of total	the incr No.7 exc	lue figur 2 crores	On account of Anril 1977	and of April April 1966.	Monthly S Published	Governmen
			(1)	1965-66**	1966-67**	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73@	1973-740	1974-750	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	* Total			Note : On		Source :	

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