Explain the causes for the split in Congress and its results in the pre-independence period.

2. Answer any two of the following (150 words each) $2 \times 15 = 30$

a) Write a note on Prarthana Samaj

b) Give an account of the Civil Disobedience Movement.

c) Explain C.R. Plan and its results.

3. Answer any three of the following (75 words each)

a) Discuss the impact of Anglo-Afghan Wars.

b) Write a note on Simon Commission

c) Bring out the significance of the Round Table Conference

4. Answer the following (20 words each) RADIAN IAS ACT $15 \times 2 = 30$

a) Write about the chief features of the following

i)Reservation on the basis of community. ii) Direct Action Day iii) McMahon Line

b) What do you know about the following?

iv) Kheda Satyagraha v) Poona Pact vi) Gadar Party

c) Where are the following located and what are the famous for?

vii) Elephanta viii) Amritsar ix)Auroville

d) Why have the following become famous?

x) Ramabal Ranade xi) W.C. Bonnerjee xii) Bhagat Singh

xiii) Tiruppur Kumaran xiv) Jayaprakash Narayan xv) Raja Ravivarma

SECTION - II

5. Examine the merits and demerits of GATT. (about 250 words) 35

What are the recommendations of the Vohra Committee on 'Criminalisation Politics"?

 $2 \times 15 = 30$ 6. Attempt any two of the following (150 words each)

a) What are the merits and demerits of privatisation of Education?

b) Examine the recommendations of the Tenth Finance Commission.

c) Who is Aung San Suu Kyi? What did she contribute? What are the honours received by her?. $5 \times 6 = 30$

7. Attempt any five of the following (50 words)

a) Red Cross Society

b) UNESCO

c) Neem Ka Thana

d) N.P.T.

e) R.K. Narayanan

a) For what the following awards are given:
i) Dado Set in T $15 \times 2 = 30$

i) Dada Saheb Phalke award

Dronacharya Award ii)

iii) Borlang Award

b) Who are the following? Why have they been in the news recently?

iv) Sirimavo Bandaranaveke

v) V. Rajasekharachary

vi) Saudamini Deshmukh

vii) Saddam Hussein

viii) Yatzik Robin

ix) Chandra Swami

x) Kim II Sung

xi) P.C. Alexander

c) xii) Who is the author of 'My Presidential Years'?

xiii) Who was the Producer of Schindler's List?

xiv) Who is the receiver of G.D. Birla Award for Scientific Research for 1994?

xv)Who won the Ustad Bismillah Khan Award for the year 1994?

RADIAN IAS ACADEMY

&

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 $3 \times 10 = 30$

SECTION III

9. The text below gives details about workers in a factory:-. In 1990 out of a total of 1750 workers in a factory 1200 were members of trade union. The number of women employed was 200, out of which 175 did not belong to trade union. In 1992 the number of union workers increased to 1580 of which 1290 were men. On the other hand the number of non-union workers fell to 208 out of which 180 were men. In 1994 there were 1800 employees who belonged to trade union. Of all the employees in 1994, 300 were

Present the above information in tabular form. Also calculate the percentage of increase of women trade union Workers in 1994 as compared to 1990.

10. a) Draw a pie-diagram for the following data of populations of 5 States.

women of whom 8 did not belong to trade union.

(8)

(4)

States	Population in lakhs
U.P.	1291
A.P.	1291 678 326 RADIAN IAS AGADEMY
Kerala	326 RAUL
Tamil Nadu	536
Karnataka	618

- b) Examine the correctness of the following report about the likings of consumers for two products A and B. 60% liked both A and B, 40% liked A but not B and 30% liked B but not A. (4)
- **11.** a) Mention in each case the most appropriate diagram to represent the following data:

i) The production of two wheelers in India for the last 10 years.

- ii) The number of candidates passed in Plus Two Examination along with total number of candidates for the last 10 years.
- iii) The budget allocation per yea for an average middle class family.
- iv) Number of Arts Colleges for Women in India for the last 10 years.

b) The following table shows the distribution of marks: (9)

Make	No. of families	
Less than 30	16	
Less than 35	19	RADIAN IAS ACADEMY
Less than 40	32	
Less than 45	84	RADIAN BOOK SHOP
Less than 50	112	
Less than 60	146	711, P.H. Road, I,II Floor
Less than 70	161	Opp. Anna Arch, N.S.K. Nagar
Less than 80	165	Chennai-106. Ph. 9840400825
Less than 90	167	Madurai. Ph.9344100065
Less than 100	168	

Find the percentage of students scoring between 40 and 50. Also find the percentage of students scoring more than 60.

- **12.** a) State whether the following statements are true or false. Give reasons for your answer: (6)
 - i) The rice yield in Tamil Nadu last year was very good since there was heavy snowfall in Himalayas.
 - ii) In an industrial city the percentage of male smokers is equal to twice the percentage for female smokers. So for the whole country it can be said that the percentage of male smokers is twice that of females.
 - b) The mean age of 70 persons was found to be 36 years. Later it was detected that the age 48 was misread as 58 and the age 50 was misread as 60. Find the corrected mean age. (6)

TNPSC GROUP-I MAINS GENERAL STUDIES PAPER-II (1995-2001) 1996 **DURATION: 3 hrs** MAX. MARKS: 300

SECTION - I

1. Examine the impact of British rule of India.(250 words) -

(35)

 Ω r

Bring out the significance of Dravidian Movement .

 $2 \times 15 = 30$

- 2. Answer any two of the following (150 words each)
 - a) Examine the results of the Sepoy Mutiny
 - b) Write about the Swadeshi Movement and its results.
 - c) Narrate the foreign policy of Jawaharlal Nehru.

3.	Answer any three of the following (75 words each)	$3 \times 10 = 30$
	d) Write about the participation of women in Freedom Movement	
	e) Explain the importance of Home Rule Movement	
	f) Write a note on Subramaniya Bharati	
_	g) Write a note on the Swatantra Party	
4.	3 (==)	15 x 2 = 30
	h) Write about the chief features of the following	-4
	i) i) Dandhi March iii) State Reorganisation Commiss	sion.
	i) What do you know about the following?iv) Sufism v) Vaikon Satyagraha vi) Muhammad Iqbal	
	j) Where are the following located and what are the famous for?	
	vii)Velankanni viii) Khajuraho ix) Sravanabelagola	
	k) Why have the following become famous?	
	x)Sayyid Ahmed Khan xi) Muthulakshmi Reddy xii) Sri Narayana Guru	
×	xiii) G. Subramanya Ayyar xiv) Jyothi Venkatachalam xv) M.C. Rajah	
	SECTION ACADEMY	
5)	Examine the Bosnian Affair and the role of U.N. in maintaining peace.(about 250	words) 35
	Or	
	Discuss the problems of Child Labour in India and the measures taken by the Go	
6)		2 x 15 = 30
	a. Elucidate the aims and programme of action of the First World Summit on the What are the callingt feet was of the (Pallis Declaration) and action of the First World Summit on the callingt feet was a feet at the callingt feet	
	b. What are the salient features of the 'Delhi Declaration' unanimously adopte	ed at the Eighth SAARC
	Summit meeting held at New Delhi? c. Discuss the crisis in Karachi developed on account of the Mohajir Quami N	Movement
7)		5 x 6 = 30
٠,	a. Full Solar eclipse in 1995	3 X 0 - 30
	b. World Trade Organisation	
	c. SAARC	
	d. Cauvery Water Dispute	
	e. Vohra Committee Report	
	f. Margaret Thatcher	
8)		$15 \times 2 = 30$
	a) For what the following awards are given?	
	j) Bharatiya Jnanpith Award	
	ii) Arjuna Award	
	ii) Arjuna Award iii) Sahitya Akademi Award	RADIAN IAS ACADEMY
	ii) Arjuna Awardiii) Sahitya Akademi Awardb) Who are the following? Why have they been in the news recently?	&
	ii) Arjuna Awardiii) Sahitya Akademi Awardb) Who are the following? Why have they been in the news recently?	& RADIAN BOOK SHOP
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	ii) Arjuna Awardiii) Sahitya Akademi Awardb) Who are the following? Why have they been in the news recently?	& RADIAN BOOK SHOP 711, P.H. Road, I,II Floor Opp. Anna Arch, N.S.K. Nagar
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- b) Examine the correctness of the following report about the likings of consumers for two products A and B. 40% liked both A and B, 35% liked A but not B and 25% liked B but not A.
- 11) a) Mention in each case the most appropriate diagram to represent the following data:
 - i) The number of registered Allopathic and Siddha doctors in five different States..
 - ii) The number of tourists visiting a country during each of the last twenty years.
 - iii) Five-Year Plan outlay in different economic sectors.
 - iv) Number of automobile accidents on a highway month-wise for the past 12 months.
 - b) The following table shows the time spent by 250 students in watching TV programmes during a month (9) Times (in barres)

Time (in hours) Less than 10 10 – 20 20 – 30 30 – 40 40 – 50 50 – 60 60 – 70 70 – 80 80 – 90 More than 90	RADIAN IAS AGADEMY	25 23 21
More than 90		11
Coloulator		

- Calculate:
- i) the number of students spending upto 35 hours
- ii) the number of students spending at least d45 hours.
- 12) a) State whether the following statements are true or false. Give reasons for your answer:
 - j) The height of an Indian woman cannot exceed 5'2" since the average height of Indian women is 5'2"
 - ii) The weights of 10 persons are subtracted from the mean of their weights. The sum of these difference is their average weight...
 - b) The mean income of a family in a village was Rs.1842. The mean income per family for the 100 families engaged in agriculture was Rs.1140. The total number of families in the village was 240. Find the mean income per family for the group of families engaged in agriculture.

TNPSC GROUP-I MAINS GENERAL STUDIES PAPER-II (1995-2001) 1997

DURATION: 3 hrs MAX. MARKS: 300

SECTION - I

1. Comment on the Policy and Programme of the Indian National Congress under

The Moderates (250 words) -(35)

Or

Examine the causes, course and results of the Quit India Movement.

2. Answer any two of the following (150 words each)

13) Write a note on the Nehru Report an its results.

3. Answer any three of the following (75 words each) DIAN IAS ACADEMY

16) Write a note on Rowlatt Act.

17) Give an account of the Ramakrishna Mission. $3 \times 10 = 30$

- 17) Give an account of Communal Award
- 18) Discuss the significance of Interim Government
- 19) Write about the University Grants Commission
- 4. Answer the following (20 words each)

a) Write about the chief features of the following

iii) Indian National Army

Chauri-Chaura ii) C.R. Das

b) What do you know about the following? All India Kisan Sabha v) Justice Party vi) Extremists

c) Where are the following located and what are the famous for?

vii) Vivekananda Kendra viii) Gava ix) Mamallapuram

d) Why have the following become famous?

Bala Gangadhara Tilak x) Dr. T.N. Nair xi) Ramalinga Adigal xii)Padmaja Naidu xiii) Satyamurthi

ix) K. Veeramani

 $15 \times 2 = 30$

 $2 \times 15 = 30$

(4)

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SECTION - II 5. The Constitution of India is federal in form but unitary in effect" - Discuss.(about 250 words) 35 Write an essay on India's Nuclear Energy Programmes 6. Attempt any two of the following (150 words each) $2 \times 15 = 30$ a) Review "The North Western Frontier Policy" of the British b) Write the uses of X-rays and UV-rays in forensic science c) Describe the growth of women's education during the 20th Century. 7. Attempt any five of the following (50 words) RADIAN IAS ACADEMY $5 \times 6 = 30$ a) 73rd Amendment Act b) Solar Cooker c) What is radioactive fallout? d) Exceptions to Fundamental Rights e) COFEPOSA f) Heavy water. 8. Answer the following in 20 words each: $15 \times 2 = 30$ a) For what the following awards are given? ii) Bhabha Award i) Param Vir Chakra iii) Arjuna Award b) Who are the following? Why have they been in the news recently? iv) Ramar Pillai v) Subramania Swamy vi) Chandra Babu Naidu vii) Yasser Arafat viii) V.P. Singh ix) Benazir x) Bal Thaekaray xi) Vidyakar What is the highest awarded for gallantry? c) xii) Where the 'Statue of Liberty' is erected? xiii) Who wrote the Book, Bunch of Old letters. xv)Who wrote "Satanic Verses"? **SECTION III 9.** Present the following information by a suitable table: In 1992 out of a total 4000 workers in a factory 3300 were members of a Trade Union. The number of women workers employed was 500 out of which 400 did not belong to any Union. In 1993 the number of workers in the Union was 3450 of which 3200 were men. The number of non-union workers was 760 of which 330 were women. Calculate also the percentage increase of female workers in 1993 compared to 1992. **10.** a) Draw a pie diagram to represent the following data of investment pattern in the Third Five-Year Plan. (8) Agriculture and Irrigation and Small and Transport and Social Service and Community power organised Communication Miscellaneous Development Industries 20% 21% 14% 16% 29% b) In a survey of 5000 persons. It was found that 2800 read Indian Express and 2300 read Hindu while 400 read both the papers. How many read neither Hindu no-Indian Express? **11.** a) Calculate the Arithmetic mean for the following data (4)Age in years: 25 18 20 22 28 30 Number of workers: 10 12 15 16 12 8 b) The following table relate to the distribution of marks of 400 students. (9)

iviark	S	No. of Students	
Greater t	han 30	400	RADIAN IAS ACADEMY
"	40	320	&
"	50	190	RADIAN BOOK SHOP
"	60	125	711, P.H. Road, I,II Floor
"	70	70	Opp. Anna Arch, N.S.K. Nagar
"	80	40	
"	90	15	Chennai-106. Ph. 9840400825
tt	100	0	Madurai. Ph.9344100065

Find the percentage of students scoring between 40 and 50. Also find the percentage of students scoring less than 80 marks.

- **12.** a) The average salary of skilled employees in a firm is Rs.520 and that of unskilled employees is Rs.420. If the average salary of both the groups of employees is Rs.500. find the percentage of skilled employees in the firm. **(6)**
- b) A can do a job in 5 hours, B in 10 hours, C in 12 hours. How long will A, B and C take to do the same job when working together? (6)

	TNPSC GROUP-I MAINS GENERAL STUDIES PAPER-II (1995	-2001) 1998
	JRATION: 3 hrs	MAX. MARKS: 300
	SECTION - I	
1.	Examine the circumstances which led to the birth of the Indian National Congress in Or	1885 (35)
	Discuss the role of Gandhiji in the freedom movement of India. (250 words)	
2.	Answer any two of the following (150 words each)	$2 \times 15 = 30$
	a) Write a note on Arya Samaj b) Give an account of the Mopla Rebellion RADIAN IAS ACADEMY	
	c) Write about the Round Table Conferences.	
3.	Answer any three of the following (75 words each) RADIAN BOOK SHOP	$3 \times 10 = 30$
	a) Give an account of the Terrorist Movement 744 PH Road III Floor	
	b) Write a note on-Cripps Mission One Anne Arch Nek Meder	
	c) Explain the Mountbatten Plan d) All India Trade Union Congress Chemiai-106. Ph. 98404000825	
4.	Answer the following (20 words each) Madurai. Ph.9344100065	15 x 2 = 30
	a) Write about the chief features of the following	10 X Z = 00
	i) C.R. Formula ii) The policy of Sardar Patel iii) Indian National Army b) What do you know about the following?	
	iv) Ilbert Bill Agitation v) Radhaswami Movement vi) Commur	nal Awards
	c) Where are the following located and what are the famous for?	
	vii)Ajanta viii) Khajuraho ix) Konark d) Why have the following become famous?	
	x)Swami Vivekananda xi) Aurobindo Ghosh xii) A.O. Hume	
	xiii)Margaret Cousins xiv) Subhas Chandra Bose xv) Jai Hind Shenbag	araman
	OFOTION II	
_	SECTION - II Does caste influence the Electoral Politics in India? .(about 250 words)	35
Э.	Or	33
	Write an essay on the uses of Radio-isotopes in Medicine, Agriculture, Industry and	in the field of Science
6.	Attempt any two of the following (150 words each)	2 x 15 = 30
	a) Differentiate the G-7 countries from G-15 countries.b) Explain the demerits of GATT	
	c) What is Nuclear fission reaction.	
	,	
7.4	Attempt any five of the following (50 words) a) Ozone Layer b) TRYSEM c) WHO d) C.T.B.T. e) UNCTAD f) R.B.	5 x 6 = 30
	a) Ozone Layer b) TixtoLivi c) who d) 0.1.b.1. e) onotab 1) ix.b.	
	Answer the following in 20 words each:	15 x 2 = 30
•	a) For what the following awards are given?	
	Answer the following in 20 words each: a) For what the following awards are given? i) K.N. Modi Award ii) U. Thant Peace Award iii) Birla Award	
k	b) Who are the following? Why have they been in the news recently?	
	iv) B. Clinton v) Subramania Swamy vi) M.K. Stalin vii) Che	nna Reddy
	viii) Phoolan Devi ix) V. Sukhram x) Swami Premananda xi) M	lanmohan Adhikari
_	c) What do you know about the following?	
		AIDS
_	SECTION III	
	Present the following report in a tabular form:	(13)
	1991 Census, in an area of a state, it was found that out of the total population of 128 urban area 25 million were Hindu males while out of the urban female po	
	million were non-Hindus, Out of a total of 41 million non-Hindus in the whole area only	
	ere were 22 million of Hindu females living in ruraVI area".	
	•	
Fin	nd also the percentage of rural non-Hindu females over rural non-Hindu males.	
10.	. a) Percentage of money spent on various sports for one year is as follows:.	(8)
dia	agram	

If the total amount spent on sports during the year was 1,20,00,000

- i) how much was spent on Basketball
- ii) how much amount was spent on Cricket and Hockey together?
- b) All 140 senior students of a school are members of the dramatic club, debating club or both. If 90 are in the debating club and 70 are in dramatic club, how many are in both the clubs?
- **11.** . a) What is the most appropriate diagram to represent the following data?

(4)

- The world book production during the last ten years i)
- The number of allopath and homeopath doctors in a state during last five years. ii)
- The monthly expenditure on different items by a family. iii)
- The number of salaried employees getting salaries in the range 0-200, 200-400, , 800-1000. iv)
- b) The following data relate to the distribution of monthly incomes of 1000 families:

(9)

Monthly In	come in Rs.	•	No. of Families	
Greater tha	ın 50		1000	
"	1000		650	
"	1500	V	300	
"	2000	RADIAN IAS ACADEMY	200	
"	2500	TIAN IAS AGAIN	150	
"	3000	RADIAN	25	
"	3500		0	
66	100			

Find the percentage of families getting income between Rs1,500 and Rs.2,500. Also find the percentage of families getting income less than Rs.1,000.

- 12. a) State whether the following statements are true or false. Give reason for your answer
 - 99% of those who drink liquor die before reaching the age of 100 years. Therefore, drinking is bad for i)
 - ii) The average income of a factory proprietor and his employee is Rs.5,000 p.m. Therefore, the employees are fabulously paid.

b)The average weight of a group of 25 boys was calculated to be 78.4 lb. It was later found that one weight was misread as 69 lb instead of 96 lbs. Calculate the correct average? (6)

TNPSC GROUP-I MAINS GENERAL STUDIES PAPER-II (1995-2001) 1998-99

DURATION: 3 hrs MAX. MARKS: 300

SECTION - I

1. Examine the contribution of the Tamils to the Freedom Movement in India (250 words) -(35)Or

Assess the impact of British rule in India

2. Answer any two of the following (150 words each)

 $2 \times 15 = 30$

a) Write a note on Brahma Samai

b) Explain the significance of the Civil Disobedience Movement

c) Give an account of 'Panchsheel' ...

3. Answer any three of the following (75 words each)

b) Write about the Cabinet Mission

c) Write a note on "Police action in Hydetrabad"

a) Bring out the significance of Dyarchy in the Centre.

d) Give a brief account of Kamaraj

4. Answer the following (20 words each)

a) Write about the chief features of the following i) Local Self Government ii) Ryotwaris System

b) What do you know about the following?

iv) Sati v) Gandhi-Irwin Pact vi) Gitanjali

c) Where are the following located and what are the famous for?

vii) Aianta viii) Brahadeeswara Temple ix) Dehra Dun

d) Why have the following become famous?

x) Keshab Chandra Sen xi) R.K. Lakshman xii) Viresalingam Pantulu xiii) Narayana Guru xiv) T.T. Krishnamachari xv) M.S. Subbulakshmi

iii) Khalistan Movement

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 $3 \times 10 = 30$

 $15 \times 2 = 30$

SECTION - II

5. What are the recommendations of Sarkaria Commission on Centre-State relations .(about 250 words) 35

Write about Pollution

6. Attempt any two of the following (150 words each)

 $2 \times 15 = 30$

- a) What are the merits and demerits of liberalisation of Indian Economy?
- b) Discuss the working of the Panchayat Raj in India.
- c) What is Heavy Water? Give its importance.

7. Attempt any five of the following (50 words)

 $5 \times 6 = 30$

- a) Afghan Crisis
- b) Greenhouse effect
- c) Remote sensing

d) Enron.

i)

- e) Jairi Commission
- f) IRDP

8. Answer the following in 20 words each:

 $15 \times 2 = 30$

- d) For what the following awards are given?

 - Dronacharya Award ii) Paramvir Chakra
 - U-Thant Award
- b) Who are the following? Why have they been in the news recently?
- iv) Dr. Balamurali Ambati v) Chandraswami vi) Mike Tyson
 - X)
- vii) Sitaram Kesari

- viii) M.S. Swaminathan ix) Satyajit Raj
- P. Chidambaram
- xi) Saddam Hussein

- c) What do you know about the following?
 - Valentine's Day xiii)

NDational Science Day xiv) Cradle Baby Scheme. xv) Blue Revolution

SECTION III

9. Explain what is meant by tabulation . State the essential characteristic of a good table. (13)

(8)

10. a) The following figures relate to the cost of construction of a house in Delhi.

Cement	20%
Steel	18%
Brick	10%
Timber	15%
Labour	25%
Miscellaneous	12%
Represent the dat	a by a pie-diagram.

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b) In a survey of the town of Lucknow, it was found that 65% of the people surveyed, watched the news on television, 40% read a newspaper and 25% read a newspaper and watched the news on television. What percent of the people surveyed, neither watched the news on television nor read a newspaper? (4)

11.a) Find the Arithmetic mean for the following data?

(4)

(9)

Weights(in Kgs)	35	40	45	50	55	60
Number of men	12	18	24	16	6	4

b) The following table relates to the distribution of marks of 200 students:

No. of students 10 65

90

100

Marks Less than 30

RADIAN IAS ACADEMY

200

110

Find the percentage of students scoring between 50 and 60. Also find the percentage of students scoring more than 80 marks.

12. a) The mean age of 50 persons has found to be 32 years. Later on it was detected that age 57 was misread as 27, age 60 was misread as 35 and age 28 was misread as 33 Find the correct mean age. (6)

Batsman Number of Runs Α 40 50 60 40 50 В 100 5 10 120 Which player is more consistent? TNPSC GROUP-I MAINS GENERAL STUDIES PAPER-II (1995-2001) 2001 **DURATION: 3 hrs** MAX. MARKS: 300 SECTION - I 1. What was the Rajaji Plan with regard to the demand of the Muslims? Analyse the reaction of the Congress and League on it. (250 words) -Or Explain the causes that made Periyar E.V.R. to guit the Tamil Nadu Congress and found the Self-Respect Movement. DIAN IAS ACADEMY $2 \times 15 = 30$ 2. Answer any two of the following (150 words each) a. Write an account of the recommendations of the Mandal Commission. b. Examine the impact of the Nationalisation of Banks in India c. Explain the salient features of Bharatnatyam and Kuchipudi dances... 3. Answer any three of the following (75 words each) $3 \times 10 = 30$ a. Assess the contribution of Jyotiba Phule to women education. b. Examine the role played by Muthulakshmi Reddy to the legislation of women upliftment. c. Explain the contribution of Poet Subramania Bharathi to modern poetryu. d. Explain the Gold Control Policy introduced by Morarii Desai and its impact 4. Answer the following (20 words each) $15 \times 2 = 30$ a) Write about the chief features of the following i) First Communal G.O ii) First Constitutional Amendment iii) Carnatic Music b)What do you know about the following? iv) Meston Award v) Jawahar Rozgar Yojana vi) Abhinav Bharat vii) Bande Mataram viii) Lord Mdacaulay Plan c) Why have the following become famous? ix) Sister Ndivedita x) Dr. M.S. Subbulakshmi xi) Shivaji Ganesan xii) Pitti Thiagaraya Chetti xiii) Aurobindo Ghosh xiv) K.A. Neelakanta Shastri xv) Kothari Commission. **SECTION - II** 5. What are the special features of U.S. - Pak relations between 1999-2000 . (about 250 words) 35 Trace the present policy of Israel towards Jerusalem and analyse its impact in word Scenario. 6. Attempt any three of the following $3 \times 10 = 30$ a) Explain the Ten Year Draft Corporate Plan of the Reserve Bank of India. b) What is meant by the term T.D.S.?. c) Examine the political alliance formed in Tamil Nadu during the State Assembly Elections of the year 2000 d) Analyse the tasks before Parliament .members for the reservation towards women. 7. Attempt any five of the following $5 \times 6 = 30$ a) What was the result of Almatti dam dispute b) Explain why the lawyers in India are against the Civil Code Amendment c) What have taken place over Indira Gandhi National Centre for Arts (INGNCA)? d) What are the observations found by National Human Rights Commission on human rights violations for 1999-2000? RADIAN IAS ACADEMY e) What is Janma Bhoomi Scheme? f) What is meant by the term 'Ulfa'? What are its features? g) Why did the pleasant stay hotel in Kodaikanal come in the media? **8.** a) Answer the following? Why have they been in the news?: $15 \times 2 = 30$ i) Deepa Mehta ii) S. Vijavalakshmi iii) Sri Krishna iv) Sumit Sarkar v) Chinna Pillai vi) Nirmala Palsamy RADIAN IAS ACADEMY b) What do you know about the following? vii) NABARD viii) TRYSEM ix) Sankhya Vahini RADIAN BOOK SHOP c) Name the authors of the following books: 711, P.H. Road, I,II Floor Towards Freedom xi) Kindly Born -Opp. Anna Arch, N.S.K. Nagar d) Answer the following: Chennai-106. Ph. 9840400825 xii) Who received the Economics award for the year 2000 A.D.? Madurai. Ph.9344100065 xiii) Who was awarded the national Citizen's award for the year 1999? xiv) Who received the Indira Gandhi Prize for peace, disarmament and development in 1999? Name the Congress leader who was awarded the best Parliamentarian award in the year 1998.

b) The following table gives the number of runs scored by two batsmen A and B in the last five matches: (6)

x)

SECTION III

- 9. A survey of 370 students from Commerce faculty and 130 students, from Science faculty revealed that 180 students were studying only for C.A. Examination. 140 for Cost Account Examination, and 80 for both C.A. and cost Account Examinations. The rest had offered part time Management courses of those studying for Cost Account Examination only 13 were girls and 90 boys belong to Commerce faculty. Out of 80 studying for both C.A. and Cost Accounts 72 were from Commerce faculty amongst which 70 were boys. Amongst those who offered part time Management courses 50 boys were from Science faculty and 30 boys and 10 girls from Commerce faculty. In all there were 110 boys in Science faculty.
 - e) Present the above in a tabular form.

(8)

b) Find the number of students studying for part time Management Courses.

(4)

10. The following is the age distribution of 2000 persons working in a large textile mill:

Age group	No. of persons
15 but less than 25	30
25 but less than 35	525
35 but less than 45	507
45 but less than 55	418
55 but less than 65	220

- a) A pie-chart is to be constructed. Provide the percentages and angle measures of all the above age groups in a tabular form. (8)
- b) Also calculate the mean age of the textile workers.

(4)

11. The following relates to the data the profits made by 100 companies:

Profits	Number of Companies
(Rs. Lakhs)	
10-20	6
20-30	8
30-40	12
40-50	18
50-60	25
60-70	16
70-80	8
80-90	5
90-100	2
Total	100

a) Obtain the percentage of companies made a profit over Rs.60 Lakhs

4

b) Obtain the percentage of companies made a profit of less than Rs.70 Lakhs

- 4
- c) Obtain the percentage of companies made a profit of between Rs.30 lakhs and Rs.80 lakhs.
- 12. The following data relate to the runs scored by two players A and B in 10 day international cricket matches

Player	Α	53	74	61	140	88	165	114	106	58	99
Player	В	40	5	97	96	117	99	98	73	53	41

You are asked to recommend one of the players based on the scores to the finals of the match. Whom will you recommend? Give reasons.

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TNPSC GROUP-I MAINS GENERAL STUDIES PAPER-II (1995-2001) 1995 MAX. MARKS: 300 **DURATION: 3 hrs**

SECTION - I

1. Answer the following in about 250 words each: 40 a)How do you distinguish between Fundamental Rights and Directive Principles of States policy. Enumerate the Fundamental Rights ensured in our Constitution. b) Bring out the Centre-State Relations in India. 2. a) Analyse the factors of location of the cotton textile industry in India 40 b) Outline the development of plantation agriculture in Tamil Nadu 3. a) What potential threats would India face in the absence of computerisation? 40 b) Discuss the social obligation of scientists in the Indian context. Analyse the causes and consequences of 'Brain drain' and suggest measures to check it RADIAN IAS ACADEMY **SECTION -II** & 4. Answer any two of the following in about 150 words each: 20 + 20RADIAN BOOK SHOP a) Enumerate the functions of Election Commissioners. 711, P.H. Road, I,II Floor b) How is the Chief Minister of a State elected? Opp. Anna Arch, N.S.K. Nagar c) Describe the impact of Dravida Kazhagam in Tamil Nadu politics. Chennai-106. Ph. 9840400825 d) Bring out the significance of Anti-Defection law. Madurai. Ph.9344100065 20 + 20 5. Answer any two of the following in about 150 words each a) Estimate the development of industries in the Cooperative Sector in Tamil Nadu during the Plan Periods b) Describe the Geomorphic features of the Deccan Plateau c) State the need for private investment in the development of wind-power in Tamil Nadu d) Give reasons for the uneven distribution of population in India 6. Answer any two of the following in about 150 words each 11 1AS ACADEM

a) i) What is heavy water? Where is it are it. 20 + 20a) i) What is heavy water? Where is it produced in India? What are its uses? ii) Explain the uses of radio-isotopes in the medical field b) What do you understand by Ecological Balance? Why is this balance necessary? What is being done in India today to maintain this balance? c) India's Advances in Nuclear Science d) Give a detailed account of Sericulture with a note on its prospects in India. 7. Answer any two of the following in about 150 words each: 15 + 15a) Estimate the role of Finance Commission in India b) Assess the factors contributing to the failure of strong national political parties in India c) Analyse the role of physical features in influencing the crop geography in India. d) Outline the process of formation of slums in metropolitan areas. **SECTION - II GROUP - A** 30 8. a) Briefly explain about the Preamble b) Briefly explain about TADA c) Explain any two of the following terms: i) Hard water ii) Heavy water iii) Parasite iv) Xenogamy v) Breeder reactor d) What is Cataract? Why intra-ocular lens is fixed to the eye after cataract operation? e) What are the characteristics of agricultural labourers in India? f) What is Decentralised Planning? 9. a) Why does the ice not readily melt when salt is sprinkled on it? b) Why is air removed from inside of an electric bulb? Briefly explain about: c) Nagarpalika Act d) Human Rights e) Examine the location of hydro-power projects in Tamil Nadu f) Explain the cropping pattern in Tamil Nadu. **GROUP-C** 10.a) What is dualistic economy? b) What are the basic problems of Indian economy? c) Write a short note on blood groups d) Explain the difference between Solar eclipse and the Lunar eclipse. Explain: e) Zero Hour f) Eleventh Schedule

TNPSC GROUP-I MAINS GENERAL STUDIES PAPER-II (1995-2001) MAX. MARKS: 300 **DURATION: 3 hrs** SECTION - I 1. Answer the following in about 250 words each: 40 a) Evaluate the role of Mahatma Gandhiji in the Indian freedom struggle. b) Pandit Jawaharlal Nehru is the builder of Indian Democracy - Comment. 2. a) i) What is economic development? 40 ii) Agriculture may limit severely or contribute for the development of an economy - Discuss b) Define centralised planning and decentralised planning. Which do you prefer? Why? 3. a) i) What are optical fibres? Explain 40 ii) Explain the applications of optical fibres in medicine and telecommunications. b) i) What is the need for soil conservation? ii) What are the major measures taken by the Govt. towards conserving soil in India? **SECTION-II** 20 + 204. Answer any two of the following in about 150 words each: a) Describe the composition, powers and functions of the Election Commission in India. b) Explain the role of Governor in a State. c) Discuss the reasons for the growth of regional political parties in India. d) Enumerate the Fundamental Duties ensured in our Constitution. 5. Answer any two of the following in about 150 words each 20 + 20a) Distinguish between Balance of Trade and Balance of Payments b) Enumerate the New Economic Policy of India c) Review the working of the Public distribution system in India d) Identify the factors responsible for Tank irrigation and give an account of its distribution in Tamil Nadu RADIAN IAS ACADEM 6. Answer any two of the following in about 150 words each: 20 + 20a) i) What is Renal failure? ii) How could one prevent this Renal failure? b) i) Describe the role of Red Blood Cells in gas transport ii) What are vitamins? Explain the biological role of Vitamin 'A' and its deficiency symptoms in man. iii) Explain the process of urine formation in Man. c) Discuss the potential of Solar Energy utilization in India d) What is the chain reaction in nuclear fission? Explain its importance. 7. Answer any two of the following in about 150 words each: 15 + 15a) Describe the role of Bio-technology in Industry b) Discuss the impact of Electronics on Science, Industry and Society. c) What is the importance of Cottage industries in the economic development of the country? d) Explain the effect of Green Revolution in Tamil Nadu. RADIAN IAS ACADEMY SECTION - III GROUP - A 8 8. Answer any four of the following: RADIAN BOOK SHO12 a) Why is the colour of sky blued? 711. P.H. Road, I.II Floor b) Explain why does a tennis ball bounce higher on hills than in plains Opp. Anna Arch, N.S.K. Nagar c) What are the objectives of Land reforms? Chennai-106. Ph. 9840400825 d) What are the causes of Industrial disputes? Madurai. Ph.9344100065 e) Discuss the present position of Right to Property f) Mention the Union Territories of Indian Union **GROUP - B** 9. Write short notes on (any three) $3 \times 3 = 9$ a) Writ of Habeas Corpus b) Comptroller and Auditor General of India. c) What are the consequences of deforestation? d) Explain the feature of mixed economy in India. e) What is a light year? f) Why does an empty hall respond but a hall full of audience does not? Explain. **GROUP-C** 10. Write short notes on (any three): $3 \times 3 = 9$ a) Sarkaria Commission Report b) National Development Council c) Analyse the spatial pattern of paddy production in India d) What is dualistic economy? e) Why does the pouring of kerosene oil on stagnant pools help to eradicate malaria? f) You hear the sea rearing when you hold a sea shell to your ear. Explain.

TNPSC GROUP-I MAINS GENERAL STUDIES PAPER-II (1995-2001) **DURATION: 3 hrs** MAX. MARKS: 300 SECTION - I 1. Answer the following in about 250 words each: 40 a) Assess the role of regional political parties in the process of political development b) What is Irrigation? Explain the different types of Irrigation practiced in India 2. a) If all the possible words, obtained by rearrange the letters of the word NUMBER, 40 are arranged in the dictionary order, find the serial number of the word NUMBER. b) What are the different methods adopted in computing National Income in India? **3.** a) Define Radioactive Isotope? What are the uses of Isotopes in Medicine. 40 Industry and Agriculture? b) Describe the various types of cell-division with suitable examples and a note on their importance. **SECTION -II** 4. Answer any two of the following in about 150 words each: 20 + 20a) Explain the salient features of the Indian Constitution b) Give an account of the iron ore distribution of Tamil Nadu c) Discuss the Role of Computers in Communications and Scientific Research d) What is Artificial Radioactivity? Explain with a suitable example. 5. Answer any two of the following in about 150 words each 20 + 20a) Two oranges, three bananas and four apples cost Rs.30. Three oranges, two bananas and one apple cost Rs.20. What is the total cost of 2 oranges. 2 bananas and 2 apples? b) Bring out the necessity of Mass and Rapid transportation System (MRTS) in Chennai Metropolitan City c) Explain the nature of Indian Bureaucracy. d) What are the common diseases found in South Indian Pulses? Suggest modern control measures. 6. Answer any two of the following in about 150 words each: 20 + 20a) Mention the major Industrial regions of India and explain b) Analyse the cause for the formation of regional Political Parties in India c) What are the uses of Heavy water? d) Discuss the recent measures taken by the Government to control growth of population. 7. Answer any two of the following in about 150 words each: 15 + 15a) A man walked 20 m east, then he walked 120 m south and then 200 m east. Then he turned north and walked 20 m and then he walked 20 m east. What was his shortest distance from the starting point? b) What are the uses of lichens? c)Describe the role of hormones in regulation and control of digestion. d) State important Social Welfare Schemes in Tamil Nadu. **SECTION - III** GROUP - A 8. a) Which are the important rivers of India? 30 b) Official language c) A merchant gives 20% discount on the marked price and still gets 10% profit. What is the marked price of an article originally costing Rs.200? d) Write a note on tissue culture technology e) What is an Isobar? 9. a) What is the effect of Deforesttion?
b) Panchayat Union **GROUP - B** c) The ratio of ages of father and son at present is 6:1. After 5 years the ratio will be 7:2. What is the present age of the son? d) Explain about Biotechnologys e) Write briefly the different kinds of respiration seen in Frog. f) Agriculture Price Commission. **GROUP-C** 10.a) printer numbers pages of a book starting with half the book contains 256 pages. Find the number of digist used in numbering all the pages. b) "Nuclear Energy is the best source of energy". Discuss. c) What is Heavy water? d) National Integration e) Explain the uses of Delta formation f) Disguised unemployment

TNPSC GROUP-I MAINS GENERAL STUDIES PAPER-II (1995-2001) MAX. MARKS: 300 **DURATION: 3 hrs** SECTION - I 1. Answer the following in about 250 words each: 40 a) Explain the benefits of power generation from Solar Radiation Orb) Bring out the important characteristics of Indian Economy 2. a) Assess the nature and scope of Fundamental Rights 40 b) Company A hires cars at a charge of rs.300 per day and Rs.1.50 per car while Company B charges Rs.330 per day and Rs.1.20 per km per car. If you expect to drive x km per day, for what value of x would it cost less to rent the car from Company A? 3. a) What are the effects of Blue and Red on photosysnthesis? Enumerate the researches carried out in this connection in Indian universities. 40 b) Give an account of the economic importance of invertebrates. . RADIAN IAS ACADEMY **SECTION -II** 4. Answer any two of the following in about 150 words each: 20 + 20RADIAN BOOK SHOP a) Bring out the importance of Centre- State relationship. 711, P.H. Road, I,II Floor b) Name the important hill stations of India. c) What are microwaves? Explain its uses in communication. Opp. Anna Arch, N.S.K. Nagar d) What is the importance of herbage vegetables in our diet? Chennai-106. Ph. 9840400825 5. Answer any two of the following in about 150 words each Madurai. Ph.9344100069 + 20 a)Two typists are asked to type a report. The more experience one can do the whole job in two hours and the other in three hours. How long will it take them to finish the whole job if they divide it in such a way as to complete it as early as possible? b) Name various cell organelles as seen under an electron microscope. Add a brief note on each at them. OR c) Analyse the significance of Parliamentary Democracy d) Bring out the important drawbacks of Green Revolution. 6. Answer any two of the following in about 150 words each: 20 + 20a) What are the important paddy producing districts of Tamil Nadu? b) Explain the development of transportation in Tamil Nadu c) Examine the powers and functions of the Indian Prime Minister d) A report consists of s20 sheets each of 55 lines and each line comprising 65 characters. This report is retyped on two sheets each of 65 lines such that each lien comprises 70 characters. Find the percentage of reduction of the number of sheets. 7. Answer any two of the following in about 150 words each: 15 + 15a) Define Public Expenditure . Why public expenditure in India is on the increasing trend? b) Analyse the Tank irrigation in Tamil nadu c) Explain the properties of compounds having ionic bond an those compounds having covalent bond. d) How are micro-organisms used in pollution control? SECTION - III (GROUP - A) 8. a) What is E.D.T.A? 30 b) What is C Transistor? c) In an examination a candidate attempted all the 100 questions of objective type. He was awarded 4 marks for each correct answer and one negative mark for each incorrect answer. If he scored 75% of the maximum mark. How many questions did he answer correctly? d) Name the three types of muscle e) Give an account of the perennial rivers of India? f) What are the important objectives of IMF? GROUP - B a) Discuss the Preamble of the Constitution (a) What is meant by continental drift?b) What is meant by continental drift?d) Explain MRTP e) Explain colour blindness f) A shop-keeper, who sells chocolates, .offers to exchange five wrapper of chocolates with a chocolate, If a customer buys 750 chocolates, how many chocolates will be get by exchanging the wrappers? **GROUP-C 10.**a) Define Writ of Habeas Corpus

b) What is the importance of Rauwolfia Serpentina

c) What is Balance of Payments?

d) Explain 'long sight' and 'short sight' diseases of eye.

e) Write the functions of rods, cones and lens of the eye

f) The rate of increase of price of sugar is observed to be 2% more than the inflation rate expressed in percentage. The price of sugar in January 1995 was Rs.10 per kg. The inflation rates for the years 1995 and 1996 are 8% each. What is the expected price of sugar in January, 1997?

TNPSC GROUP-I MAINS GENERAL STUDIES PAPER-II (1995-2001) **DURATION: 3 hrs** MAX. MARKS: 300 SECTION - I 1. Answer the following in about 250 words each: 40 a) Discuss the principle of collective responsibility b) Explain in detail the various Geographical factors that affect population distribution in India 2. a) Critically explain the progress of Co-operative Market in India 40 b) Green revolution is a boon to Indian agriculture. Do you agree? How? **3.** a) Discuss the origin and evolution of Coelenterates 40 b) One hundred candidates appear for an examination comprising two papers. 80 candidates passed in Paper Id and 70 in Paper II. Find the range of the percentage of candidates who i) passed in both the papers ii) passed in at least one paper iii) passed in only one paper iv) failed in both the papers **SECTION-II** 4. Answer any two of the following in about 150 words each: 20 + 20a) The agro-based industries like sugar and cotton are prevalent in India: Discuss OR
b) What are transition elements? How do they differ from the rest of the elements? c) What are X-rays? How are they used in Medical field? d) Examine the implications of Dunkel Draft on India's Foreign Trade 5. Answer any two of the following in about 150 words each 20 + 20a) 'Wheat' is a winter crop in India . Explain b) How is the judge of a High Court appointed c) In a certain locality 60% of the families own TV sets, 85% own scooters and 95% own radio sets. At least what percentage of the families own all three? d) Analyse the impact of recent liberalisation policies on Indian Economy. 6. Answer any two of the following in about 150 words each: 20 + 20a) Examine the various uses of Natural Forests with reference to Tamil Nadu b) Enumerate the fundamental duties enshrined in our Constitution. c) A State Cabinet consists of 20 ministers. Three young ministers aged 29, 30 an 33 years are dropped and three elders of equal age are inducted into the Cabinet. The average age of the ministry increases by five years. Find the ages of the new ministers. d) Explain the problems & progress of Sugar Industry in India. 7. Answer any two of the following in about 150 words each: 15 + 15a) How will you improve the cultivation practice of pulses? b) Name the major classes of plasma proteins and describe their functions c) Examine the position and powers of the Prime Minister RADIAN IAS ACADEMY d) Examine the South-West Monsoon over Tamil Nadu. 8 **SECTION - III** RADIAN BOOK SHOP GROUP - A 8. a) Discuss the distribution of textile industries in Tamil Nadu. 711, P.H. Road, I,II Floor 30 b) Distinguish between 'Step-up' and 'Step-down' Transformers. Opp. Anna Arch, N.S.K. Nagar c) What is Hard Water?
d) Name any three vestigial organs in man.
e) Throw light on Economic Justice
f) A man left Rs.3,50,000 to be divided among his two daughters and four sons. Each daughter was to receive c) What is Hard Water? three times as much as a son. How much did each daughter receive? **GROUP - B** 9. a) A train clears a platform of 300 m long in 20 seconds and passes a telegraph pole in 10 seconds. Find the length of the train. b) Discuss about the Fort-second Amendment c) What are the important centres of Hydro-Electric Power Generation in India? d) What is the importance of Fritchella? e) Breathing through nose is said to be healthier than breathing by mouth. Why f) Explain NABARD. **GROUP-C** 10.a) How much time can a train, 600 m long running at a speed of 20 metres per second take to cross a bridge. 1.2 km long? b) Explain the Coastal lowlands of India c) Write about Fundamental Duties d) Explain Aflatoxicosis briefly. e) How does Dengue fever spread

f) Define Globalisation.

DURATION: 3 hrs MAX. MARKS: 300

SECTION - I

1. Answer the following in about 250 words each:

a) Discuss the concept of minorities and bring out the safeguards provided in the Indian Constitution.

b) Examine the position of Prime Minister in India

2. a) Discuss the powers and functions of the Governor of a State.

40

40

b) What is the impact of 42nd Amendment on the jurisdiction of the Supreme Court

3. a) Highlight the recommendations of Sarkaria Commission with regard to RADIAN

Centre-State legislative relations.

40

b) Explain the inter-state relations in India

SECTION -II

4. Answer any two of the following in about 150 words each: 20 + 20 = 40

a) Explain the findings of Balwantrai Mehta Committee

b) How are Scheduled Areas administered in India?

c) Discuss the freedom of Press in Tamil Nadu

d) Explain the political basis of Kaveri water dispute.

5. Answer any two of the following in about 150 words each 20 + 20 = 40

a) Examine the importance of irrigation in the agricultural development of India.

b) Discuss in detail the problems of soil erosion and its conservation in India.

c) Describe the industrial belt of Mumbai.

d) Write a note on the million cities of India

6. Answer any two of the following in about 150 words each:

15 + 15 = 30

a) Divide India into major physiographic divisions and write briefly on Himalayas

b) Account for the uneven distribution of rainfall in India.

c) Write on the distribution and problems faced by Jute Mill Industry in India

d) Explain the factors responsible for the uneven distribution of population in India

7. Answer any two of the following in about 150 words each: 20 + 20 = 40

a) 'India's natural vegetation reflects the climatic conditions of the region" Justify.

b) Account for the need for conservation of coal in India

c) Write a note on the export-import policy of India

d) "India lives in villages" Apply this to the rural population of India and Justify the statement

SECTION - III

8. Answer any four of the following (each in about 25 words)

 $4 \times 3 = 12$

a) Write a note on Richter scale. Mention its relevance to a natural disaster.

b) Distinguish between natural rubber and artificial rubber

c) Write the principle behind artificial rain. Is it practicable in our country?

d) What is hard water? What are the disadvantages using such water?

e) How do bats locate obstacles? How would the principle be applied in defence strategies?

f) Explain bioremediation

9. Answer any three of the following (each in about 25 words)

 $3 \times 3 = 9$

a) What is the energy scenario for the country in the 21st Century? Do you advocate nuclear energy?.
b) What are dry ice, RDX and DDT?
c) Differentiate between gypsum and Epsom salts.

d) What is Dolly? What is the technology underlying its generation?

e) Write about the air-borne allergens of flowering plant origin.

f) Distinguish between boiling and evaporation

10. Answer any three of the following (each in about 25 words)

 $3 \times 3 = 9$

a) What is the cyanobacterium sold in capsules? What is its nutritional value?

b) Distinguish between mass and weight

c) What is enriched uranium? What is its application?

d) Justify the growing of more trees in the context of abatement of air pollution.

e) What aspects of science do lightning and thunder explain?

f) Write about the success story of genetically engineered polypeptide used for the treatment of humans.

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