RADIAN   IAS   ACADEMY
GROUP-I MAINS GENERAL STUDIES

Duration:3 hrs   26.01.2008   Max. Marks: 300

Answer All Questions

1. Critically assess the Space Programme of India (About 250 words) **(30)**

(or)

Critically examine the contribution of Periyar. (About 250 words). **(30)**

2. Answer **any two** of the following (About 150 words each): **2 x 15 = 30**
- (a) Give an account of the characteristics of Indian culture.
- (b) Explain the role of the Public Accounts Committee.
- (c) What do you know about the Bharatiya Vidya Bhavan & Sahitya Academy?

3. Answer **any three** of the following (About 75 words each) **3 x 10 = 30**
- (a) National Develpoment Council.
- (b) Assess the implications of recent Indian Rupee appreciation against Dollar.
- (c) Swadeshi & Boycott Movement.
- (d) Human Development Report-2007.

4. (a) Write about the chief features of the following:
- i)   The Simla Agreement
- ii)   Ilbert Bill
- iii)   Sarva Shiksha Abhiyan.

(b) What do you know about the following?
- IV)   Samathuvapuram
- V)   Brahmos
- VI)   Self help Welfare Group
- VII)   Avian influenza
- VIII) Kalinga Award

(c) Why have the following become famous?
- IX)   Nesamani
- X)   Kiran Bedi
- XI)   Ramalinga Adigal
- XII)   Chambakraman Pillai
- XIII) S. Chandrasekar
- XIV)   Zahir Hussain
- XV)   Kar Gobind Khurana   **15 x 2=30**

5. Attempt **any three** of the following: (150 words) **3 x10 =30**
- a) Discuss the problems of food security in India.
- b) Write a note on Tissue Culture
- c) Write about the Commonwealth
- d) Nature of the revolt of 1857.

6. a) Who are the following? Why have they been in the news?
- i)   Vijay Kelkar
- ii)   Sunita Williams
- iii)   S.P. Thamilchelvan
- iv)   Angela Merkel
- v)   Dola Banerjee

b) What do you know about the following?
- vi)   Tecsar
- vii)   Alternative Nobel Prize
- viii)   EKA
- ix)   Ekalaiva Award.

c) Name the authors of the following books:
- x)   A Brief history of Time
- xi)   Lajja

d) Answer the following:
- xii)   What is CHOGM?. Where did recent 13th ASEAN   Summit 2007 held?

- xiii)   Who received the Indira Gandhi Prize for Peace, Disarmament and Development for 2007?
- xiv)   What is 'Abuja Declaration'?
- xv)   Who received 2007 Nobel Peace prize?
                                        15 x 2 = 30

7. Answer **any two** of the following in about 150 words): **15 + 15 = 30**
- (a) Why should India become the permanent member of the security council?
- (b) National Disaster Management system.
- (c) Human Genome Project.

8) Answer to each question should be in about 150 words: (Any Two) **15 + 15 = 30**
- (a) Mechanism of the origin of Indian Monsoon.
- (b) What do you mean by Green House Gases? Name them. Write about the recent summit of IPCC?
- (c) Write a note on rain water harvesting.

9) Answer the following (About 25 words): **10 x 3 = 30**
- **(a)** What do the following stand for?
  - **i)**   URL
  - **ii)**   CDMA
  - **iii)**   WIPO
- **(b)** What is disguised unemployment?
- **(c)** Terminator Seed Technology.
- **(d)** Process & Product Pattern
- **(e)** National Health Insurance Scheme.
- **(f)** What is the difference between GDP & GNP?
- **(g)** What is Algal bloom?
- **(h)** What is ANTRIX corporation?
- **(i)** Expand NASDAQ?
- **(j)** What is the difference between Balance of Payment & Balance of Trade?

10) a) Prepare histogram and frequency polygon from the following data.

Marks obtained	No. of Students
< 10	2
10 – 20	4
20 – 30	11
30 – 40	15
40 – 50	25
50 – 60	18
60 – 70	15
70 – 80	4
> 80	2

10

b) A person divided his journey 600 km into 3 equal distances of 200 each. On the first he goes at a speed of 20 k/h, 40 km/hr in the next and 60 km/hr in last. What is his average speed for the entire journey? **6**

c) The average height of 35 boys in a class in 165cm, the average height of 25 girls in the same class is 161.5. Find the average height of the entire class? **4**

d) The following table shows the time spent by 220 students in watching television programmes during a month ---

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
No. of students	8	26	36	20	30	40	20	18	16	6

Calculate:
- (i) The percent of number of students spending upto 25 hours.
- (ii) the percent of number of students spending atleast 55 hours. **(5 + 5)**

ALL THE BEST