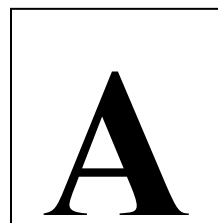


Serial No. \_\_\_\_\_

**TEST BOOKLET**  
**General Studies**



***Time allowed : Two hours***

***Maximum Marks : 150***

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET DOES NOT HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS, ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
2. ENCODE CLEARLY THE TEST BOOKLET SERIES A, B, C OR D AS THE CASE MAY BE IN THE APPROPRIATE PLACE IN THE ANSWER SHEET.
3. You have to enter your Roll Number on this Test Booklet in the Box provided alongside. DO NOT write anything else on the Test Booklet.
4. This Test Booklet contains 150 items (questions). Each item is printed both in Hindi and English. Each item comprises four responses (answers). You will select one response which you want to mark on the Answer Sheet. In case you feel that there is more than one correct response; mark the response which you consider the best. In any case, choose ONLY ONE response for each item.
5. You have to mark all your responses ONLY on the separate Answer Sheet provided. See directions in the Answer Sheet.
6. All items carry equal marks. Attempt ALL items. Your total marks will depend only on the number of correct responses marked by you in the Answer Sheet.
7. Before you proceed to mark in the Answer Sheet the response to various items in the Test Booklet, you have to fill in some particulars in the Answer Sheet as per instructions sent to you with your Admission Certificate.
8. After you have completed filling in all your responses on the Answer Sheet and the examination has concluded, you should hand over to the Invigilator only the Answer Sheet. You are permitted to take away with you the Test Booklet and rough sheets issued to you.

**(DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE ASKED TO DO SO)**

1. Match List-I (Distinguished Person) with 3. List-II (Area of Work) and select the correct answer using the code given below the lists:

<i>List-I</i> (Distinguished Person)		<i>List-II</i> (Area of Work)	
A. B. V. Rao	I.	Automobiles	
		Manufacture	
B. C.K. Prahalad	2.	Fisheries	
		Economy	
C. John Kurien	3.	Information	
		Technology and	
		Software	
D. Kiran Kamik	4.	Poultry Fanning	
	5.	Management	
		Science	

**Code:**

	A	B	C	D
(a)	2	5	I	3
(b)	4	3	2	5
(c)	2	3	1	5
(d)	4	5	2	3

2. Consider the following statements:

- The Charter of the United Nations Organisation was adopted at Geneva, Switzerland in June, 1945
- India was admitted to the United Nations Organization in the year 1945.
- The Trusteeship Council of the United Nations Organization was established to manage the affairs of territories detached from Japan and Italy after the Second World War or such territories not under the control of a country at that time.

Which of the statements given above is / are correct ?

- 1,2 and 3;
- 2 only
- 2 and 3
- 3 only

3. Match List-I (Distinguished Person) with List-II (Achievement/Known as) and select the Correct answer using the code given below the lists:

<i>List-I</i> (Distinguished Person)		<i>List-II</i> (Achievement known as)	
A. Guenter Grass	I.	First woman Prime Minister of Canada	
B. Trevor Huddleston	2.	Nobel Prize Winner for literature	
C. Dicky Dolm	3.	Leading campaigner against apartheid in South Africa	
D. Kim Campbell.	4.	Youngest woman to climb the Mt. Everest	
	5.	American violinist	

**Code:**

	A	B	C	D
(a)	5	3	2	I
(b)	2	3	4	I
(c)	5	3	4	2
(d)	2	4	I	3

4. Which one of the following countries does not border Lithuania?

- Poland
- Ukraine
- Belarus
- Latvia

5. Where are the Balearic Islands located?

- Mediterranean Sea
- Black Sea
- Baltic Sea
- North Sea

6. Which one of the following is the correct sequence of the given towns of Pakistan while moving from the North towards the South?

- Islamabad—Gujaranwaia—Peshawar—Multan .
- Peshawar—Gujranwala—Multan—Islamabad
- Peshawar—Islamabad—Gujranwala—Multan
- Islamabad—Multan—Peshawar—Gujranwala

7. Which one of the following pairs is not correctly matched?

- (a) Bahamas : Nassau
- (b) Costa Rica : San Jose
- (c) Nicaragua : Belmopan
- (d) Dominican Republic : Santo Domingo

8. Consider the following sites monuments

- 1. Champaner-Pavagadh Archaeological Park
- 2. Chhatrapati Shivaji Railway Station, Mumbai
- 3. Mamallapuram
- 4. Sun Temple (Konark Temple)

Which of the above are included in the World Heritage List of UNESCO?

- (a) 1, 2 and 3
- (b) 1,3 and 4
- (c) 2 and 4
- (d) 1, 2, 3 and 4

9. Which one of the following airports in India is the first to be owned by a public limited company?

- (a) Daholim Airport. Goa
- (b) Cochin airport
- (c) Hyderabad airport
- (d) Bangalore airport

10. Which one of the following was probed by the Liberhan Commission?

- (a) Test Cricket match fixing
- (h) Best Bakery Case
- (c) Tehelka tapes Case
- (d) Demolition of the disputed structure at Ayodhya

11. Which one of the following is the correct statement?

- (a) The modern Kochi was a Dutch colony till India's independence.
- (b) The Dutch defeated the Portugues and built Fort Williams in the modern Kochi.
- (c) The modem Kochi was first a Dutch colony before the Portuguese too over from them.
- (d) The modem Kochi never became a part of the British colony

12. Match List –I (Person) with List-II (Organisation) and select the correct answer using the code given below the lists :

<i>List-I</i> (Person)	<i>List-II</i> (Organization)
A. V.R.S. Natrajan	I. Bharat Heavy Electricals Limited
B. A.K. Puri	2. Air India
C. V. Thulasias	3. Maruti Udyog Limited
D. Jagdish Khattar	4. Bharat Earth Movers Limited
	5. Indian Space Research Organization

Code:

	A	B	C	D
(a)	2	3	5	I
(b)	4	1	2	3
(c)	2	1	5	3
(d)	4	3	2	1

13. Which one of the following statements is not correct?

- (a) Rourkela Steel Plant, the first integrated steel plant in the Public Sector of India was set up with the Soviet Union collaboration.
- (b) Salem Steel. Plant is a premier producer of stainless steel in India.
- (c) Maharashtra Elektros melt Ltd. is a subsidiary of the Steel Authority of India Ltd.
- (d) Visakhapatnarn Steel Plant is a unit of the Rashtriya Ispat Nigam Ltd.

14. Which one of the following companies as started a rural marketing network called 'e-chaupals' ?

- (a) ITC
- (b) Dabur
- (c) Proctor and Gamble
- (d) Hindustan Lever

**15. For which one of the following, is Satara is well-known? .**

- (a) Thermal power plant
- (b) Wind energy plant
- (c) Hydro-electric plant
- (d) Nuclear power plant

**16. Consider the following statements:**

- I. Vigyan Rail is a Science Exhibition on wheels organized by the Council of Scientific and Industrial Research.
- 2. Vigyan Prasar is an autonomous body under the Ministry of Human Resource Development.
- 3. EDUSAT, the ISRO's educational satellite was launched from French Guyana in 2004.

Which of the statements given above is are correct?

- (a) 1,2 and 3
- (b) I and 2
- (c) 2 and 3
- (d) None

**17. Consider the following statements:**

- 1. Liquefied Natural Gas (LNG) is liquefied under extremely cold temperatures and high pressure to facilitate storage or transportation in specially designed vessels.
- 2. First LNG terminal in India was built in Hassan.
- 3. Natural Gas Liquids (NGL) are separated from LPG and these include ethane, propane, butane and natural gasoline.

Which of the statements given above is are correct ?

- (a) 1 only
- (b) 1 and 3
- (c) 2 and 3
- (d) 1,2 and 3

**Directions** (For the next **FOUR** items) : Based on the information given below, answer the four items which follow it :

Gopal, Harsh, Inder, Jai and Krishnan have Ahmedabad, Bhopal, Cuttack, Delhi and Ernakulam as their hometowns (Not necessarily in that order). They are studying in Engineering, Medical, Commerce, Economics and History Colleges (Not necessarily in that order). None of the five boys is studying in his hometown, but each of them studies in one of the cities given above.

Further, it is given that:

- (i) Gopal's hometown is Emakulam.
- (ii) Harsh is not studying in Ahmedabad or Bhopal.
- (iii) Economics College is in Bhopal.
- (iv) Inder's hometown is Cuttack
- (v) Krishnan is studying in Delhi.
- (vi) Jai is studying in Emakulam and the History College is in his hometown Ahmedabad.
- (vii) Engineering College is situated in Emakulam.

Based on the information given above answer the next **FOUR** items :

**18. Which is Krishnan's hometown?**

- (a) Ahmedabad
- (b) Cuttack
- (c) Bhopal
- (d) Cannot be determined

**19. Which College is situated in Inder' hometown?**

- (a) Commerce
- (b) Medical
- (c) Economics
- (d) Commerce or Medical

**20. Who studies in Bhopal?**

- (a) Gopal
- (b) Harsh
- (c) Gopal or Inder
- (d) Inder or Harsh

**21. If Inder studies in Ahmedabad, then which one of the following is the correct combination of Person-Hometown- Place of Study ?**

- (3) Gopal—Emakulam—elhi
- (b) Jai—Ahmedabad—Emakulam
- (c) Krishnan—Delhi—Emakulam
- (d) Harsh—Bhopal—Delhi

**22. Left pan of a faulty balance weighs 100 gram more than its right pan. A , shopkeeper keeps the weight measure in the left pan while buying goods but keeps it in the right pan while selling his goods. He uses only 1 kg weight measure. If he sells his goods at the listed cost price, what is his gain?**

- (a) 200/11%
- (b) 100/11%
- (c) 1 00/9%
- (d) 200/9%

**23. On a railway route between two places A and B, there are' 10 stations on the way. If 4 new stations are to be added, how many types of new tickets will be required if each ticket is issued for a one-way journey?**

- (a) 14
- (b) 48
- (c) 96
- (d) 108

**24. Aryan runs at a speed of 40 metre/minute. Rahul follows him after an interval of 5 minutes and runs at a speed of 50 metre/minute. Rahul's dog runs at a speed of 60 metre/minute and starts along with Rahul. The dog reaches Arya'1 and then comes back to Rahul, and continues to do so till Rahul reaches Aryan. What is the total distance covered by the dog ?**

- (a) 600 metres .
- (b) 750 metres
- (c) 980 metres
- (d) 1200 metres

**25. A big rectangular plot of area 4320 m<sup>2</sup> is divided into 3 square-shaped smaller plots by fencing parallel to the smaller side of the plot. However some area of land was still left as a square could not be formed. So, 3 more square-shaped plots were Conned by fencing parallel to the longer side of the original plot such that no area of the plot was left surplus. What are the dimensions of the original plot?**

- (a) 160 m x 27 m
- (b) 240 m x 18 m
- (c) 120 m x 36 m
- (d) 135 m x 32 m

**26. Match List-I (Atomic Power Plants/Heavy Water Plants) with List-II (State) and select the correct answer using the code given below the lists:**

<i>List-I</i>	<i>List-II</i>
(Atomic Power Plants)	(State)
Heat Water Plants)	
A. Thai	1. Andhra Pradesh
B. Manuguru	2. Gujarat
C. Kakrapar.	3. Maharashtra
D. Kaiga	4. Rajasthan
	5. Kamataka

**Code :**

	A	B	C	D
(a)	2	1	4	5
(b)	3	5	2	1
(c)	2	5	4	1
(d)	3	1	2	5

**27. Which one of the following is the correct sequence of the given substances in the decreasing order of their densities?**

- (a) Steel > Mercury > Gold
- (b) Gold > Mercury > Steel
- (c) Steel > Gold > Mercury
- (d) Gold > Steel > Mercury

**28. Of which one of the following games is Shanmugham Venkatesh an outstanding player?**

- (a) Table tennis.
- (b) Hockey
- (c) Football
- (d) Basketball

**29. Men and 1 woman board a bus in which 5 seats are vacant. One of these five seats is reserved for ladies. A woman mayor may not sit on the seat reserved for ladies but a man can not sit on the seat reserved for ladies. In how many different ways can the five seats be occupied by these three passengers?**

- (a) 15
- (b) 36
- (c) 48
- (d) 60

**30. Consider the following statements:**

- 1. The Constitution of India has 20 parts.
- 2. There are 390 Articles in the Constitution of India in all.
- 3. Ninth, Tenth, Eleventh and Twelfth Schedules were added to the Constitution of India by the Constitution (Amendment) Acts.

Which of the statements given above is/ are correct?

- (a) 1 and 2
- (b) 2 only
- (c) 3 only
- (d) 1, 2 and 3

**31. Who among the following was the Chairman of the Union Constitution Committee of the Constituent Assembly?**

- (a) B.R. Ambedkar
- (b) J.B. Kripalani
- (c) Jawaharlal Nehru
- (d) Alladi Krishnaswami Ayyar

**32. Which one of the following pairs is not correctly matched ?**

- (a) Southern Air: Thiruvananthapuram  
Command
- (b) Eastern Naval: Visakhapatnam  
Command
- (c) Armoured Corps: Jabalpur  
Centre and School
- (d) Army Medical: Lucknow  
Corps Centre and School

**33. Which of the following pairs are correctly matched?**

	<i>Publication</i>	<i>Group</i>
I.	Sportstar :	The Hindu publication. group
2.	Business:	ABP group world
3.	The Week:	Malayala Manorama publication group
4.	Reader's: Digest .	Indian Express publi- , cation group

Select the correct answer using the codes given below: .

- (a) 1, 2, 3 and 4
- (b) 1, 2 and 3
- (c) 2 and 4
- (d) 1 and 3

**34. Which of the following pairs are correctly matched?**

	<i>Enterprise</i>	<i>Industrial Group</i>
1.	VSNL :	Bharati Group
2.	Mundra Special: Economic Zone Ltd.	Adani Group
3.	CMC Ltd. :	Tata Group
4.	IPCL :	Reliance Group.

Select the correct answer using the codes given below:

- (a) 1, 2 and 3
- (b) 3 and 4
- (c) 1, 2 and 4
- (d) 2, 3 and 4

**35. In which country is Bandung, where the Conference of African and Asian nations was held which led to establishing Non-Aligned Movement (NAM), situated?**

- (a) Thailand
- (b) Egypt
- (c) Indonesia
- (d) Philippines

**36. Match items in the List-I (Businesswomen) with those in the List-II (Company) and select the correct answer using the code given below the lists:**

<i>List-I</i> (Businesswoman)	<i>List-II</i> (Company)
A. Zia Mody	I. Venkateshwara Hatcheries
B. Anuradha J. Desai	2. AZB & Partner
C. Viloo Morawala	3. Quantum Market -I Patell Research
D. Mrena Kaushik	4. Avestha Gengraine Technologies
	5. Biocorl India

**Code**

	A	B	C	D
(a)	4	1	5	3
(b)	2	3	4	1
(c)	4	3	5	1
(d)	2	1	4	3

**37. A square is divided into 9 identical smaller squares. Six identical balls are to be placed in these smaller squares such that each or the three rows gets at least one ball (one pall in one square only). In how many different ways can this be done?**

- (a) 27
- (b) 36
- (c) 54
- (d) 81

38. There are 6 persons —A, 0, C, D, E and F. They are to be seated in a row such that 0 never sits anywhere ahead of A, and C never sits anywhere ahead of B. III how many different ways can this be done ?.

- (a) 60
- (b) 72
- (c) 120
- (d) None of the above

39. For which one of the following items, is Tirupur well-known as a huge exporter to many parts of the world ?

- (a) Gems and Jewellery
- (b) Leather goods
- (c) Knitted garments
- (d) Handicrafts

40. Which one of the following pairs is not correctly matched?

<i>Project</i>	<i>Company</i>
(a) Integrated Steel: Plant at Jajpur (Orissa)	Steel Authority of India
(b) Power Plant at : Jamnagar (Gujarat)	Essar Power
(c) Nabinagar Power. Plant (Bihar)	Indian Railways
(d) Kayamkulom Power: Plant (Kerala)	National Thermal Power Corporation

41. Virtual water trade is being looked at by experts as a solution to the world's water crisis. What does virtual water (VW) imply?

- (a) Volume of heavy water required to replace ordinary water
- (b) Volume of water required to produce a commodity or service
- (c) Volume of water saved by using rain-water harvesting
- (d) Volume of water utilized by an effective flood control

42. Consider the following statements:

1. The Constitution of the United States of America came into force in the year 1810.
2. All revenue bills must originate in the House of Representatives of the US Congress.
3. George W. Bush is the only President in the history of the United States of America whose father was also the President of the United States of America.

Which of the statements given above is are correct?

- (a) 1 only
- (b) 2 only
- (c) 1 and 2
- (d) 2 and Y

43. Match List-I (City) with List-II (River) and select the correct answer using the code given below the lists:

<i>List-I</i> <i>(City)</i>	<i>List-II</i> <i>(River)</i>
A. Washington. D.C	1. River Manzanares
B. Berlin	2. River Seine
C. Paris	3. River Spree
D. Madrid	4. River Potomac

Code:

	A	B	C	D
(a)	2	3	4	1
(b)	4	1	2	3
(c)	2	1	4	3
(d)	4	3	2	1



**44. Which one of the following is the correct sequence of the given Indian cities in the Decreasing order of their normal annual rainfall?**

- (a) Kochi —Kolkata—Delhi—Patna
- (h) Kolkata —Kochi—Patna—Delhi
- (c) Kochi —Kolkata—Patna—Delhi
- (d) Kolkata —Kochi—Delhi—Patna

**45. In which one of the following countries, is Tamil a major language?**

- (a) Myanmar
- (h) Indonesia
- (c) Mauritius
- (d) Singapore

**46. Match items in the List-I (Location) with those in the List-II (Known For/In News for) and select the correct answer using the code given below the lists:**

<i>List-I</i>	<i>List-II</i>
<i>(Location)</i>	<i>(Known For/In News for)</i>
A. Kakinada	1. Skybus Metro rail test-run
B. Dundigal	2. ITC paper board unit
C. Margao	3. Bio-diesel plant
D. Bhadrachalam	4. Indian Air Force Academy

*Code:*

- |     |   |   |   |   |
|-----|---|---|---|---|
|     | A | B | C | D |
| (a) | 2 | I | 4 | 3 |
| (b) | 3 | 4 | I | 2 |
| (c) | 2 | 4 | I | 3 |
| (d) | 3 | I | 4 | 2 |

**47. Which one of the following pairs is "ot correctly matched ?**

*British Prime Minister* *Political Party*

- (a) John Major: Conservative Party
- (b) James Callaghan : Labour Party
- (c) Harold Wilson: Conservative Party
- (d) Margaret : Conservative Party  
Thatcher

**48. Which one of the following cities is the seat of Parliament of South Africa?**

- (a) Pretoria
- (b) Durban
- (c) Johannesburg
- (d) Cape Town

**49. Which of the following States border Uttar Pradesh?**

1. Punjab
2. Rajasthan.
3. Chhattisgarh
4. Jharkhand

Select the correct answer using the code given below:

- (a) 1, 2, 3 and 4
- (b) 2, 3 and 4
- (c) I and 4
- (d) I and 3

**50. There are 10 identical coins and each one of them has 'H' engraved on its one face and 'T' engraved on its other face. These 10 coins are lying on a table and each one of them has .H' face as the upper face. In one attempt, exactly four (neither more nor less) coins can turned upside down. What is the minimum total number of attempts in which the 'T' faces of all the 10 coins can be brought to be the upper faces?**

- (a) 4
- (b) 7
- (c) 8
- (d) Not possible

51. An equilateral triangular plate is to be cut into  $n$  number of identical small equilateral triangular plates. Which one of the following can be possible value of  $n$  ?
- 196
  - 216
  - 256
  - 296
52. Ten identical particles are moving randomly inside a closed box. What is the probability that at any given point of time all the ten particles will be lying in , the same half of the box?
- $1/2$
  - $1/5$
  - $2/9$
  - $2/11$
53. There are 6 persons A, B, C, D, and F. A has 3 items more than C  
D has 4 items less than B  
E has 6 items less than F  
C has 2 items more than E  
F has 3 items more than D  
Which one of the following figures can not equal to the total number of items possessed by all the 6 persons?
- 41
  - 47
  - 53
  - 58
54. 300 persons are participating in a meeting, out of which 120 are foreigners, and the rest are Indians. Out of the Indians, there are 110 men who are not judges; 160 are men or judges, and 35 are women judges. There are no foreign judges. How many Indian women attended the meeting?
- 35
  - 45
  - 55
  - 60
55. Consider the following statements concerning the Indian Railways:
- The Head Quarters of the North Western Railway are located at Jodhpur. X
  - 'Indrail pass' — a travel-as-you-please ticket has been created especially for freedom fighters and sportspersons who have represented India in any game/sport.
  - Fairy Queen is a train using the world's oldest working engine and the Indian Railways conduct a journey of wildlife and heritage sites on it. Which of the statements given above is are correct?
- 2 only
  - 3 only
  - I and 2
  - None

**56. Match List-I (*National Park/Wildlife Sanctuary*) with List-II (*State*) and select the correct answer using the code given below the lists:**

<i>List-I</i>	<i>List-II</i>
( <i>National Park/Wildlife Sanctuary</i> )	( <i>State</i> )
A. Bondla Wildlife Sanctuary	1. Orissa
B. Kangerghat National Park	2. Assam
C. Orang Sanctuary	3. Chhattisgarh
D. Ushakothi Wildlife Sanctuary	4. Goa
	5. Tripura

**Code.**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
(a)	2	I	5	3
(b)	4	3	2	1
(c)	2	3	5	1
(d)	4	1	2	3

**57. Who among the following is not a recipient of the Bharat Ratna Award?**

- (a) Ustad Bismillah Khan
- (b) Satyajit Ray
- (c) Lata Mangeshkar
- (d) Raj Kapoor ...

**58. For which one of the following countries, is Spanish not an official language?**

- (a) Chile
- (b) Colombia
- (c) Republic of Congo
- (d) Cuba

**59. Match items in the List-I (Country) with those in the List-II (Name of Parliament) and select the correct answer using the code given below the lists:**

<i>List - I</i>	<i>List - II</i>
(Country)	(Name of Parliament)
A. Netherlands	I. Diet
B. Ukraine	2. States General
C. Poland	3. Supreme Court
D. Japan	4. Sejm

**Code**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
(a)	4	I	2	3
(b)	2	3	4	I
(c)	4	3	2	I
(d)	2	I	4	3

**60. Which one of the following is the correct sequence of the given Continents in the decreasing order of their percentage of Earth's land?**

- (a) North America—Africa—South America—Europe
- (b) Africa—North America—South America—Europe
- (c) North America—Africa—Europe—South America
- (d) Africa—North America—Europe—South America

**61. Which one of the following pairs is not correctly matched?**

- (a) Seikan Rail Tunnel: China
- (b) Petronas Towers: Malaysia
- (c) Appalachian Trail: United States of America
- (d) Rogun Dam : Tajikistan

**62. Consider the following Statements:**

- I. Kyoto Protocol came into force in I the year 2005.
2. Kyoto Protocol deals primarily with the depletion of the Ozone layer.
3. Methane as a greenhouse gas is more harmful than carbon dioxide.

Which of the statements given above is are correct ?

- (a) 1 and 2
- (b) 1 and 3
- (c) I only
- (d) 3 only

**63. Consider the following statements:**

1. Total land area of Earth is approximately 1475 lakh square kilometers.
2. Ratio of land area to water area of Earth is approximately 1 : 4.
3. Maximum percentage of Earth's water is in the Pacific Ocean.

Which of the statements given above is are correct ?

- (a) I and 3
- (b) 2 and 3
- (c) I only
- (d) 3 only

**64. Which one of the following cities is not a former capital of the given country**

(Country given in the brackets) ?

- (a) Karachi (*Pakistan*)
- (b) Auckland (*New Zealand*)
- (c) Kyoto (*Japan*)
- (d) Brisbane (*Australia*)

**65. Consider the following statements:**

1. There are 25 High Courts In India:
2. Punjab, Haryana and the Union Territory of Chandigarh have a common High Court.
3. National Capital Territory of Delhi has a High Court of its own.

Which of the statements given above is are correct?

- (a) 2 and 3
- (b) 1 and 2
- (c) 1,2 and 3
- (d) 3 only

**66. Itaipu Dam built on the River Parana is one of the largest darns in the world. Which of the following two countries have this as a joint project?**

- (a) Brazil and Peru
- (b) Paraguay and Ecuador
- (c) Brazil and Paraguay
- (d) Colombia and Paraguay

**67. According to the Census-200 I, which one of the following Indian States has the maximum population in India after Uttar Pradesh?**

- (a) West Bengal
- (b) Maharashtra
- (c) Bihar
- (d) Tamil Nadu

**68. Consider the following statements:**

1. The Parliament cannot enlarge the jurisdiction of the Supreme Court of; India as its jurisdiction is limited to that conferred by the Constitution.
2. The officers and servants of the Supreme Court and High Courts are appointed by the concerned Chief Justice and the administrative expenses are charged on the Consolidated Fund of India.

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both I and 2
- (d) Neither 1 nor 2

**69. Consider the following statements:**

1. Article 30 1 pertains to the Right to Property.
2. Right to Property is a legal right but not a Fundamental Right.
3. Article 300 A was inserted in the Constitution of India by the Congress Government at the Centre by the 44<sup>th</sup> Constitutional Amendment.

Which of the statements given above is/ are correct ?

- (a) 2 only
- (b) 2 and 3
- (c) 1 and 3
- (d) 1, 2 and 3.

**70. Who among the following invented Lasers? .**

- (a) Theodore Maiman
- (b) Denis Papin
- (c) William Morton
- (d) Francis Crick

**71. Consider the following statements:**

- I. Articles 371 A to 371 I were Inserted in the Constitution of India to meet regional demands of Nagaland, Assam, Manipur, Andhra Pradesh, Sikkim, Mizorarn, Arunachal Pradesh and Goa.
- 2. Constitutions of India and the United States of America envisage a dual policy (The Union and the States) but a single citizenship.
- 3. A naturalized citizen of India can, never be deprived of his citizenship.

Which of the statements given above is correct?

- (a) 1,2 and 3
- (b) I and 3
- (c) 3 only
- (d) I only

**72. Consider the following statements :**

- I. Part IX of the Constitution of India contains provisions for Panchayats and was inserted by the Constitution (73rd Amendment) Act, 1992.
- 2. Part IX A of the Constitution of India contains provisions for municipalities and the Article 243 Q envisages two types of municipalities — a Municipal Council and a Municipal Corporation for every State.

Which of the statements given above is! are correct?

- (a) 1 only
- (b) 2 only
- (c ) Both I and 2
- (d) Neither I nor 2

**73. Consider the following statements:**

- 1. Lord Mountbatten was the Viceroy when Simla Conference took place.
- 2. Indian Navy Revolt, 1946 took place when the Indian sailors in the Royal Indian Navy at Bombay and Karachi rose against the Government.

Which of the statements given above is are correct?

- (a) I only
- (b) 2 only
- (c) Both I and 2
- (d) Neither nor 2

**74. Which one of the following territories was not affected .by the Revolt of 1857 ?**

- (a) Jhansi
- (b) Chittor
- (c) Jagdishpur
- (d) Lucknow

**75. Which one of the following places did Kunwar Singh, a prominent leader of the Revolt of 1857 belong to ?**

- (a) Bihar
- (b) Madhya Pradesh
- (c) Rajasthan
- (d) Uttar Pradesh

**76. Which of the following pairs are correctly matched ?**

- | <i>Movement/<br/>Satyagraha</i> | <i>Person Actively<br/>Associated With</i> |
|---------------------------------|--|
| 1. Champaran :                  | Rajendra Prasad                            |
| 2. Ahmedabad:<br>Mill Workers   | Morarji Desai                              |
| 3. Kheda :                      | Vallabhbhai Patel                          |

Select the correct answer using the code given below:

- (a) 1 and 2
- (b) 2 and 3
- (c) I and 3
- (d) 1, 2 and 3

**77. Who among the following was not associated with the formation of U.P. Kisan Sabha in February 1918 ?**

- (a) Indra Narain Dwivedi
- (b) Gauri Shankar Misra
- (c) Jawaharlal Nehru
- (d) Madan Mohan Malviya..

**78. Who among the following drafted the resolution on fundamental rights for the Karachi Session of Congress in 1931?**

- (a) Dr. B.R. Ambedkar
- (b) Pandit Jawaharlal Nehru ...
- (c) Dr. Rajendra Prasad
- (d) Sardar Vallabhbhai Patel

**79. In October 1920, who of the following headed a group of Indians gathered at Tashkent to set up a Communist Party of India ?**

- (a) H.K. Sarkar
- (b) P.C. Joshi
- (c) M.C. Chagla
- (d) M.N. Roy.

**80. At which Congress Session was the Working Committee authorised to launch a programme Civil Disobedience ?**

- (a) Bombay
- (b) Lahore
- (c) Lucknow
- (d) Tripuri

**81. In which one of the following provinces was a Congress ministry not formed under, the Act of 1935?**

- (a) Bihar
- (b) Madras
- (c) Orissa
- (d) Punjab

**82. Consider the following statements. On the eve of launch of Quit India Movement, Mahatma Gandhi**

- I. asked the government servants to resign.
- 2. asked the soldiers to leave their posts.
- 3. asked the Princes of the Princely States to accept the sovereignty of their own people.

Which of the statements given above is/are correct?

- (a) I and 2
- (b) 2 and 3
- (c) 3 only
- (d) 1,2 and 3

**83. Where were the Ghadar revolutionaries, who became active during the outbreak of the World War I based ?**

- (a) Central America
- (b) North America.
- (c) West America
- (d) South America

**84. What was Komagata Maru ?**

- (a) A political party based in Taiwan
- (b) Peasant communist leader of China,
- (c) A naval ship on voyage to Canada,
- (d) A Chinese village where Mao Tse Tung began his Long march

**85. Who among the following was a proponent' of Fabianism as a movement?**

- (a) Annie Beasant
- (b) A.D. Hume
- (c) Michael Madhusudan Dutt
- (d) R. Palme Dun

**86. Recently, to which of the following countries did India offer to build a Buddha Temple?**

- (a) China
- (b) Myanmar
- (c) Thailand
- (d) Vietnam

**87. Which one of the following is not an ASEAN member ?**

- (a) Cambodia
- (b) China
- (c) Laos
- (d) Philippines

**88. Consider the following:**

1. Disputes with mobile cellular companies
2. Motor accident cases
3. Pension cases

For which of the above are Lok Adalats held?

- (a) 1 only
- (b) 1 and 2
- (c) 2 only,
- (d) 1, 2 and 3.

**89. Which of the following pairs are correctly matched?**

<i>Person</i>	<i>A ward</i>
1. Champadevi : Shukla	Goldman Environmental Prize
2. Dr. P. Sri: Ramachanrudu	Vachaspati Puraskar
3. Ela Ramesh : Bhatt	Lal Bahadur Shastri National Award for Excellence in Public Administration Academics and Management
4. Upamanyu : Chatterjee	Lalit Kala Ratna Award

Select the correct answer using the code given below:

- (a) 1 and 2
- (b) 1, 2 and 3
- (c) 3 and 4
- (d) 1, 2, 3 and 4

**90. Consider the following statements:**

1. The number of post offices in India is in excess of 1.5 lakhs.
2. Bharat Sanchar Nigam Limited (BSNL) was formed in the year 1997;
3. Telecom Regulatory Authority of India (TRAI) was established in the year 2000.

Which of the statements given above is/ are correct ?

- (a) 1, 2 and 3
- (b) 1 and 2
- (c) 1 only
- (d) 3 only

**91. Consider the following statements :**

1. The Man Booker Prize is awarded to citizen of any of the countries of the British Commonwealth or the Republic of Ireland.
2. A leading London-based software company underwrites the Man Booker Prize presently.
3. The winner of the Man Booker Prize in year 2004 is a South Asian.

Which of the statements given above is/ are correct?

- (a) 1 only
- (b) 1 and 3
- (c) 2 and 3
- (d) 1, 2 and 3

**92. Consider the following statements:**

1. The forest cover in India constitutes around 20% of its geographical area. Out of the total forest cover, dense forest constitutes around 40%.
2. The National Forestry Action Programme aims at bringing one-third of the area of India under tree/forest cover.

Which of the statements given above is/are correct ?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

93. Which one of the following statements is not correct?

- (a) There is no definition of the Scheduled Tribe in the Constitution of India.
- (b) North-East India accounts for a little over half of the country's tribal population.
- (c) The people known as Todas live in the Nilgiri area.
- (d) Lotha is a language spoken in Nagaland.

94. Match List-I (Famous Former Sports-person) with List-II (Game / Sport) and select the correct answer using the code given below the lists:

<i>List-I</i>	<i>List-II</i>
<i>(Famous Former Sports-person)</i>	<i>(Game/Sport)</i>
A. Wally Grout,	1. Swimming
B. Eusebio	2. Lawn Tennis
C. Rod Laver	3. Cricket
D. Mark Spitz	4. Football
	5. Basketball

Code :

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
(a)	3	5	2	4
(b)	2	4	3	1
(c)	3	4	2	1
(d)	2	5	3	4

95. Match List –I (Lawn Tennis Tournament) with List-II (Winner of Women Singles) and select the correct answer using the code given below the lists:

<i>List-I</i>	<i>List-II</i>
<i>(Lawn Tennis Tournament)</i>	<i>(Winner of Women Singles)</i>
A. French Open-2004	I. Svetlana Kuznetsova
B. Wimbledon-2004	2. Anastasia Myskina
C. US Open-2004	3. Maria Sharapova
D. Australian Open-2004	4. Serena Williams
	5. Justine Henin-Hardene

Code:

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
(a)	5	I	4	2
(b)	2	3	I	5
(c)	5	3	I	2
(d)	2	I	4	5

96. Consider the following statements:

1. India is the second country in the world to adopt a National Family Planning Programme. .
2. The National Population Policy of India 2000 seeks to achieve replacement level of fertility by 2010 with a population of III crores.
3. Kerala is the first State in India to achieve replacement level of fertility.

Which of the statements given above is/ are correct?

- (a) 1 only
- (b) 1 and 2
- (c) 2 and 3
- (d) 1, 2 and 3



**97. The Constitution (98th Amendment) Act is related to :**

- (a) Empowering the Centre to levy and appropriate service tax
- (b) The constitution of the National Judicial Commission
- (c) Readjustment of electoral constituencies on the basis of the Population Census 2001
- (d) The demarcation of new boundaries between States

**98. Which one of the following is the correct statement on the basis of Census-2001?**

- (a) Bihar has the highest percentage of the Scheduled Castes of its population
- (b) The decadal growth of population of India (1991-2001) has been below 20%
- (c) Mizoram is the Indian State with the least population
- (d) Pondicherry has the highest sex ratio, among the Union Territories

**99. Consider the following statements:**

- I. Global Trust Bank has been amalgamated with the Punjab National Bank. .
- 2. The second report of the Kelkar Committee dealing with direct and indirect taxes has maintained its original recommendations including the abolition of exemptions relating to housing loans.

Which of the statements given above is/are correct ?

- (a) I only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

**100. Where was world's largest ever Meet on HIV, AIDS held in July, 2004 ?**

- (a) Bangkok
- (b) Singapore
- (c) New York
- (d) Rome

**101. Which one of the following statements is correct?**

- (a) The First Meeting of the Parties (MOP I) to the Cartagena Protocol on Biosafety was held in Philippines in the year 2004
- (b) India is not a signatory to the Biosafety Protocol/Convention on Biological Diversity
- (c) The Biosafety Protocol deals with genetically modified organisms
- (d) The United States of America is member of the Biosafety Protocol/Convention on Biological Diversity

**102. Which one of the following pairs is not correctly matched?**

- | <i>Current Name</i> | <i>Old Name</i> |
|---------------------|-----------------|
| (a) Harare :        | Salisbury       |
| (b) Ethiopia:       | Abyssinia       |
| (c) Ghana:          | Dutch Guiana    |
| (d) Kinshasa:       | Leopoldville    |

**103. Consider the following statements:**

- 1. Areawise, Chhattisgarh is larger than West Bengal.
- 2. According to the Population 2001 Census, population of West Bengal is larger than that of Chhattisgarh.

Which of the statements given above is/are correct?

- (a) I only
- (b) 2 only
- (c) Both I and 2
- (d) Neither I nor 2

**104. In which one of the following countries did hundreds of people die in year 2004 as a result of flooding and mudslides triggered by Tropical Storm Jeanne ?**

- (a) Colombia
- (b) Haiti
- (c) Sudan
- (d) Ghana

**105. Consider the following statements:**

1. Silent Valley National Park is in the Nallamalai range.
2. Pathrakkadavu Hydroelectric Project is proposed to be built near the Silent Valley National Park.
3. The Kunthi river originates in Silent Valley's rainforests.

Which of the statements given above is/ are correct ?

- (a) 1 and 3
- (b) 2 only
- (c) 2 and 3
- (d) 1,2 and 3

**106. Who among the following is not a member of the Investment Commission formed in December, 2004 ?**

- (a) Ratan Tata
- (b) Deepak Parekh
- (c) Ashok Ganguly
- (d) Kumannangalam Birla.

**107. Consider the following statements:**

1. Dengue is a protozoan disease transmitted by mosquitoes.
2. Retro-orbital pain is not a symptom of Dengue.
3. Skin rash and bleeding from nose and gums are some of the symptoms of Dengue.

Which of the statements given above is/are correct ?

- (a) 1 and 2
- (b) 3 only
- (c) 2 only
- (d) 1 and 3

**108. Under which one of the Ministries of the Government of India does the Food and Nutrition Board work?**

- (a) Ministry of Agriculture
- (b) Ministry of Health and Family Welfare
- (c) Ministry of Human Resource Development
- (d) Ministry of Rural Development

**109. Which of the following diseases of milching animals are infectious ?**

- I. Foot and Mouth disease
2. Anthrax
3. Black Quarter
4. Cowpox

Select the correct answer using the code given below :

- (a) 1,2 and 3
- (b) 2,3 and 4
- (c) 1 and 4
- (d) 1, 2, 3 and 4

**110. Match items in the List-I (Power Station) with those in the List-II (State) and select the correct answer using the code given below the lists:**

**List-I** **List-II**

(Power Station) (State)

- |               |                   |
|---------------|-------------------|
| A. Kothagudem | 1. Andhra Pradesh |
| B. Raichur    | 2. Gujarat        |
| C. Mettur     | 3. Karnataka      |
| D. Wanakbori  | 4. Tamil Nadu     |

**Code:**

- |     | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> |
|-----|----------|----------|----------|----------|
| (a) | 4        | 2        | 1        | 3        |
| (b) | 1        | 3        | 4        | 2        |
| (c) | 4        | 3        | 1        | 2        |
| (d) | 1        | 2        | 4        | 3        |

**111. Which one of the following pairs is not correctly matched ?**

- (a) Arjun : Indigenously produced Main Battle Tank (MBT)
- (b) Phalcon : Cruise missile supplied by Russia to India
- (c) Saras : Indigenously developed civilian passenger aircraft
- (d) Operation: New Indian Naval Seabird Base at Karwar

**112. Consider the following statements:**

1. India is the only country in the world producing all the five known commercial varieties of silk.
2. India is the largest producer of sugar in the world.

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

**113. Whose autobiography is the book “My Music My Life” ?**

- (a) Pandit Shiv Kumar Sharma
- (b) Ustad Amjad Ali Khan V
- (c) Pandit Ravi Shankar.
- (d) Ustad Zakir Hussain

**114. Where do the Sahariya tribals, who were recently in the news, live?**

- (a) Andhra Pradesh
- (b) Assam
- (c) Rajasthan
- (d) Orissa

**115. Which countries played in the Lawn Tennis Davis Cup Final in the year 2004**

- (a) Switzerland and United States of America
- (b) Spain and United States of America
- (c) Australia and Argentina
- (d) Sweden and Belgium

**116. Which one of the following is the correct chronological order of the battles. Fought in India in the 18th Century ?**

- (a) Battle of Wandiwash— Battle of Buxar—Battle of Ambur—Battle of Plassey
- (b) Battle of Ambur—Battle of Plassey—Battle of Wandiwash—Battle of Buxar
- (c) Battle of Wandiwash—Battle of Plassey—Battle of Ambur—Battle of Buxar .
- (d) Battle of Ambur—Battle of Buxar—Battle of Wandiwash—Battle of Plassey

**117. Consider the following statements:**

1. Warren Hastings was the first Governor General who established a regular police force in India on the British pattern.
2. A Supreme Court was established at Calcutta by the Regulating Act, 1773.
3. The Indian Penal Code came into effect in the year 1860.

Which of the statements given above are correct?

- (a) 1 and 2
- (b) 2 and 3
- (c) 1 and 3
- (d) 1, 2 and 3

**118. Consider the following statements:**

The Government of India Act, 1935 provided for

1. the provincial autonomy.
2. the establishment of Federal Court.
3. All India Federation at the centre.

Which of the statements given above are correct?

- (a) 1 and 2
- (b) 2 and 3
- (c) 1 and 3
- (d) 1,2 and 3

**119. Who among the following was not a contemporary of the other three?**

- (a) Bimbsara .
- (b) Gautama Buddha
- (c) Milinda
- (d) Prasenjit

**120. Pneumoconiosis afflicts the workers who work mainly in :**

- (a) Tanneries
- (b) Coal mining industry
- (c) Distilleries
- (d) Glass industry

**121. Which one of the following is the landmark performance of Dr. V. Mohan Reddy, an Indian born doctor working in USA. during. February. 2005 ?**

- (a) Research on human stem cell which is likely to revolutionise treatment of deadly disease like cancer.
- (b) Successful open heart procedure called arterial switch performed on an infant.
- (c) Research on genetic engineering which can help in treatment of deadly disease like AIDS.
- (d) Successful brain surgery to revive the function of nearly dead brain of a premature born infant.

**122. Consider the following statements:**

1. The axis of the earth's magnetic field is inclined at  $23\frac{1}{2}^{\circ}$  to the geographic axis of the earth.
2. The earth's magnetic pole in the northern hemisphere is located on a peninsula in northern Canada.
3. Earth's magnetic equator pass. If through Thumba in South India.

Which of the statements given above is/are correct?

- (a) 1.2 and 3
- (b) 2 and 3
- (c) 2 only
- (d) 3 only

**123. What is the order of magnitude of electric resistance of the human body (dry) ?**

- (a)  $10^2$  ohm
- (b)  $10^4$  ohm
- (c)  $10^6$  ohm
- (d)  $10^8$  ohm

**124. Consider the following statements:**

1. A geostationary satellite is at an approximate height of 10.000 km.
2. FM transmission of music is of very good quality because the atmospheric or man-made noises which are generally frequency variations can do little harm.

Which of the statements given above is/ are correct?

- (a) I only
- (b) 2 only
- (c) Both I and 2
- (d) Neither I nor 2

**125. Consider the following statements :**

1. Anhydrous sodium carbonate is commonly known as baking sods.
2. Baking soda is used in fire extinguishers.
3. Bleaching powder is manufactured in Hasenclever plant.

Which of the statements given above is/are correct?

- (a) 1.2 and 3
- (b) 2 and 3
- (c) 3 only
- (d) 1 and 2

**126. `Consider the following statements:**

1. During the year 2004, India's foreign exchange reserves did not exceed the 125 billion U.S. Dollar mark.
2. The series of index numbers of wholesale prices introduced from April, 2000 has the year 1993-94 base year.

Which of the statements given above is/are correct ?

- (a) 1 only
- (b) 2 only
- (c) Both I and 2
- (d) Neither I nor 2

**127. Who among the following is the President of the FICCI ? \**

- (a) Sunil Mittal
- (b) Brijmohan Lal Munjal
- (c) Onkar S. Kunwar .
- (d) Vivek Bumlan

**128. Which party was founded by Subhash Chandra Bose in the year 1939 after he broke away from the Congress?**

- (a) Indian Freedom Party
- (b) Azad Hind Fauj
- (c) Revolutionary Front
- (d) Forward Block.

**129. Consider the following statements:**

- 1. Second World Buddhist Summit was held in Bangkok in November-December, 2004. .
- 2. World Punjabi Conference was held in Jalandhar in December, 2004.
- 3. 4th Meeting of the SAARC Trade Ministers was held in Islamabad in November, 2004.

Which of the statements given above is/are correct ?

- (a) 3 only
- (b) 1 and 2
- (c) 2 and 3
- (d) 1, 2 and 3

**130. Consider the following statements :**

- 1. The Parliament of Russia is called Federal Assembly.
- 2. The Council of the Federation in the Russian Parliament is the lower house.
- 3. The name of the upper house in the Russian Parliament is State Duma.

Which of the statements given above is/ are correct?

- (a) I, 2 and 3
- (b) 1 and 2
- (c) 2 and 3
- (d) 1 only

**131. Consider the following statements:**

- 1. Great Britain comprises England, Wales, Scotland and Northern Ireland.
- 2. England covers less than 60% of the total area of the United Kingdom.

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

**132. Consider the following statements:**

- I. During the process of osmosis, the solvent travels from the concentrated solution to the dilute solution.
- 2. In the reverse osmosis, external pressure is applied to the dilute solution.

Which of the statements given above is/ are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither I nor 2

**133. Consider the following statements:**

- 1. The Headquarters of the International Organization for Standardization are located in Rome.
- 2. ISO 9000 relates to the quality management system and standards.
- 3. ISO 14000 relates to environmental management system standards.

Which of the statements given above is/are correct?

- (a) 1, 2 and 3
- (b) 3 only
- (c) 2 and 3
- (d) None

**136. Consider the following statements:**

1. In the First Round Table Conference, Dr. Ambedkar demanded separate electorates for the depressed classes.
2. In the Poona Act, special provisions for representation of the depressed people in the local bodies and civil services were made.
3. The Indian National Congress did not take part in the Third Round Table Conference.

Which of the statements given above are/is correct?

- (a) 1 and 2
- (b) 2 and 3
- (c) 1 and 3
- (d) 1, 2 and 3

**137. Consider the following statements:**

1. Ishwar Chandra Vidyasagar founded the Bethune School at Calcutta with the main aim of encouraging education for women.
2. Bankim Chandra Chattopadhyay was the first graduate of the Calcutta University.
3. Keshav Chandra Sen's campaign against Sati led to the enactment of a law to ban Sati; by the then Governor General.

Which of the statements given above is/are correct ?

- (a) I only
- (b) 1 and 2
- (c) 2 and 3
- (d) 1, 2 and 3

**138. Who among the following repealed the Vernacular Press Act?**

- (a) Lord Dufferin
- (b) Lord Ripon
- (c) Lord Curzon
- (d) Lord Hardinge

**139. Where is the volcanic mountain, Mount St. Helens located?**

- (a) Chile
- (b) Japan
- (c) Philippines
- (d) United States of America

**140. Which one of the following statements is Is not correct ?**

- (a) The Western Ghats are relatively higher in their northern region.
- (b) The Anai Mudi is the highest peak in the Western Ghats.
- (c) Tapi river lies to the South of Satpura
- (d) The Narmada and the Tapi river valleys

**141. Gandhi Sagar Dam is a part of which one of the following :**

- (a) Chambal Project
- (b) Kosi Project
- (c) Damodar Valley Project
- (d) Bhakra Nangal Project

**142. Which one of the following is the correct sequence of the given hills starting from the north and going towards the south?**

- (a) Nallamalai Hills—Nilgiri Hills—Javadi Hills—Anaimalai Hills
- (b) Anaimalai Hills—Javadi Hills—Nilgiri Hills—Nallamalai Hills
- (c) Nallamalai Hills—Javadi Hills—Nilgiri Hills—Anaimalai Hills
- (d) Anaimalai Hills—Nilgiri Hills—Javadi Hills—Nallamalai Hills

**143. Which one of the following is not a Biosphere Reserve?**

- (a) Agasthyamalai
- (b) Nallamalai
- (c) Nilgiri
- (d) Panchmarhi

**Directions :**

The following 7 (Seven) items consist of two statements: one labelled as the 'Assertion (A)' and the other as 'Reason (R)', You are to examine these two statements carefully and select the answers to these items using the code given below:

**Code:**

- (a) Both A and R are individually true and R is the correct explanation of A
- (b) Both A and R are individually true but R is not the correct explanation of A
- (c) A is true but R is false
- (d) A is false but R is true

- 144. Assertion (A):** The same face of the Moon is always presented to the Earth.
- Reason (R) :** The Moon rotates about its own axis in  $23\frac{1}{2}$  days which is about the same time that it takes to orbit the Earth.
- 145. Assertion (A):** Existence of human life on Venus is highly improbable.
- Reason (R) :** Venus has extremely high level of carbon dioxide in its atmosphere.
- 146. Assertion (A):** All the proteins in our food are digested in small intestine only.
- Reason (R) :** The protein-digesting enzymes from pancreas are released into small intestine.
- 147. Assertion (A):** Amoeba reproduces by fission.
- Reason (R) :** All unicellular organisms reproduce by asexual methods.

- 148. Assertion (A):** Wind patterns are clockwise in the northern hemisphere and anti-clockwise in the southern hemisphere.
- Reason (R) :** The directions of wind patterns in the northern and the southern hemisphere are governed by the Coriolis effect.
- 149. Assertion (A):** The main constituent of the Liquefied Petroleum Gas is methane.
- Reason (R) :** Methane can be used directly for burning in homes and factories where it can be supplied through pipelines.
- 150. Assertion (A):** The person with diabetes insipidus feels thirsty.
- Reason (R)** A person with diabetes insipidus suffers from excess secretion of vasopressin.







