

MAINS-2009 GENERAL STUDIES/OPTIONALS**Current Affairs – Current Polity Thorough Analysis, STAT, Social Issues with Materials & TEST BATCH. SOCIOLOGY/HISTORY/ TAMIL LITERATURE MAINS-TEST SERIES**Aim to score **1120+** Marks in Main Exam. Then you will get the desired. (With Good Score in Interview).

GENERAL STUDIES	= 350+
ESSAY	= 120+
OPTIONAL 1	= 325+
OPTIONAL 2	= 325+
TOTAL	= 1120+

**Expected cut-off in this GS-2009 Paper = 53 +(or)- 3 Qns/Marks
(After implementing -ve Marks)**To receive Daily FREE GK SMS Alerts, sms **START RADIANIAS CHENNAI** to **9223050606**.**UPSC CSE-2009 GENERAL STUDIES (Held on May 17th 2009) Exam Keys**

- 1) Among the following presidents of India who was also the secretary General of Non – Aligned Movement for some period?
 a) Dr.Sarvepalli Radhakrishna
 b) Varahagiri Venkatagiri
 c) **Giani Zail Singh**
 d) Dr.Shanker Dayal Sharma
- 2) Match list – I with List – II and select the answer using the code given below the list
 List – I (Person)
 A. Anil Agarwal
 B. Gautam H. Singhania
 C. Sanjay Dalmia
 D. Venugopal Dhoot
 List – II (Organization)
 1. Gujarat Heavy Chemicals Ltd
 2. Raymond Ltd
 3. Vedanta Resource
 4. V. Gocon Group
 a) A-3 B-1 C-2 D-4 b) A-4 B-1 C-2 D-3 c) **A-3 B-2 C-1 D-4** d) A-4 B-2 C-1 D-3
- 3) To integrate cultural leaders into its meeting which one of the following gives “Crystal Award”?
 a) Asia Pacific Economic Cooperation b) International Bank for reconstruction and development
 c) World health Organization d) **World Economic Forum**
- 4) In India which one of the following gives the largest inland saline wetland?
 a) Gujarat b) Haryana c) Madhya Pradesh d) **Rajasthan**
- 5) Consider the following statements:
 1. NMTCL limited is India's largest international trading organisation
 2. Neelchal Ispat Nigam limited has been set up by MMTC jointly
 Which of the statements given below is/are correct
 a) 1 only b) 2 Only c) **Both 1 and 2** d) Neither 1 nor 2
- 6) In which one of the following states has India's largest private sector seaport been commissioned recently?
 a) **Andhra Pradesh** b) Karnataka c) Kerala d) Tamilnadu
- 7) Which one of the following pairs is not correctly matched?
 a) Japan : Nikkei
 b) **Singapore** : **Shcomp**
 c) UK : FTSE
 d) USA : Nasdaq
- 8) Consider the following statements:
 1. INS Sindhughosh is an aircraft carrier
 2. INS Viraat is submarine
 Which of the statements given below is/are correct
 a) 1 only b) 2 Only c) Both 1 and 2 d) **Neither 1 nor 2**
- 9) Consider the following statements:
 1. The Commission for agricultural costs and prices recommends the Minimum support prices for 32 crops
 2. The Union Ministry of consumer affairs, food and public Distribution has launched the National Food Security Mission
 Which of the statements given below is/are correct
 a) 1 only b) 2 Only c) Both 1 and 2 d) **Neither 1 nor 2**

- 10) In India, the ports are categorized as major and non – major ports. Which one of the following is a non – major port?
 a) Kochi (Cochin) b) **Dahej** c) Paradip d) New mangalore
- 11) Among other things, which one of the following was the purpose for which the Deepka Parekh Committee was constituted?
 a) To Study the current socio-economic conditions of certain minority communities
 b) **To suggest measures for financing the development of infrastructure**
 c) To frame a policy on the production of genetically modified organisms
 d) To suggest measures to reduce the fiscal deficit in the union budget
- 12) The brothers Umakant and Ramakant Gundecha are
 a) **Dhrupad vocalists** b) Kathak dancers c) Sarod maestros d) Tabla players
- 13) Match list – I with List – II and select the answer using the code given below the list
- | | |
|----------------------------|--|
| List – I | List – II |
| (Famous person) | (Well-known for) |
| A. Mandakini Amte | 1. Theatre direction |
| B. Neelam Mansingh Chowdry | 2. Social Service and Community leadership |
| C. Romila Thapur | 3. Dance |
| D. Vanashree Rao | 4. History writing |
- a) **A-2 B-1 C-4 D-3** b) A-2 B-4 C-1 D-3 c) A-3 B-1 C-4 D-2 d) A-4 B-2 C-1 D-3
- 14) With reference to stree Shakthi Puraskar for which one of the following is 'Devi Ahilya Bai Holker Award' given?
 a) Administrative Skills b) Achievements in Scientific research
 c) Achievements in sports and Games d) **Courage and Valour**
- 15) In which state is the Buddhist site Tabo Monastery located?
 a) Arunachal Pradesh b) **Himachal Pradesh** c) Sikkim d) Uttarkhand
- 16) With which one of the following has the B.K.Chaturvedi Committee dealt?
 a) Review of Centre – State Relations b) Review of Delimitation act
 c) Tax reforms and measures to increase revenues d) **Oil price reforms in the oil sector**
- 17) Mahamastakabhisheka, a great religious event, is associated with and done for who of the following?
 a) **Bahubali** b) Buddha c) Mahavir d) Nataraja
- 18) Consider the following statements:
- | | |
|--|---------------------|
| TRADITION | STATE |
| 1. Gatka, a traditional martial art | : Kerala |
| 2. Madhubani, a traditional paintings | : Bihar |
| 3. Singhey Khababs Sindhu Darshan Festival | : Jammu and Kashmir |
- Which of the statements given below are correctly matched
 a) 1 and 2 only b) 3 only c) **2 and 3 only** d) 1, 2 and 3
- 19) Match list – I with List – II and select the answer using the code given below the list
- | | |
|------------------|-----------------------------------|
| List – I | List – II |
| (Famous Person) | (well Known as) |
| A. Anna Hazare | : 1. Lawyer |
| B. Deepak Parekh | : 2. Banker |
| C. GVK Reddy | : 3. Gandhian and Social activist |
| D. Harish Salve | : 4. Industrialist |
- a) A-1 B-2 C-4 D-3 b) A-1 B-4 C-2 D-3 c) **A-3 B-2 C-4 D-1** d) A-3 B-4 C-2 D-1
- 20) Match list – I with List – II and select the answer using the code given below the list
- | | |
|--------------------------|-------------------|
| List – I | List – II |
| (Famous Person) | (Well – Known as) |
| A. Amritha Sher – Gil | 1. Dancer |
| B. Bhimsen Joshi | 2. Painter |
| C. Rukmani Devi Arundale | 3. Poet |
| D. Suryakant Tripathi | 4. Singer |
- a) A-2 B-1 C-4 D-3 b) **A-2 B-4 C-1 D-3** c) A-3 B-1 C-4 D-2 d) A-3 B-4 C-1 D-2
- 21) With reference to the schemes launched by the union government, consider the following statements
 Which of the statements given below is/are correct.
 1. Ministry of Health and Family welfare launched the Rashtriya Swasthya Bima Yojana.
 2. Ministry of Textiles launched the Rajiv Gandhi Shilpi Swasthya Bima Yojana.
 a) 1 only b) **2 Only** c) Both 1 and 2 d) Neither 1 nor 2

22) Consider the following pairs:

(Persons)		(Sport)
1. Anand Pawar	:	Chess
2. Akhil Power	:	Boxing
3. Shiv Shankar	:	Golf

Which of the pairs given above is/are correctly matched?

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

23) Match list – I with List – II and select the answer using the code given below the list

List – I		List – II
(Book)		(Author)
A. In Custody		1. Amartya sen
B. Sea of poppies		2. Amitav Ghosh
C. The argumentative Indian		3. Anita Desai
D. Unaccustomed Earth		4. Jhumpa Lahiri

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

24) Among the following, who are the Agaria Community?

- a) A traditional toddy tappers community of Andhra Pradesh.
 b) A traditional fishing community of Maharashtra
 c) A traditional silk –weaving community of Karnataka
d) A traditional salt pan workers community of Gujarat

25) Recently, which one of the following was included in the UNESCO,s World Heritage list?

- a) Dilwara Temple **b) Kalka- sahimala Railway**
 c) Bhitarkanika Mangrove Area d) Visakhapatnam to Araku valley railway line

26) Where is the famous Virupaksha temple located?

- a) Bhadrachalam b) Chidambaram **c) Hampi** d) Srikalahasti

27) Other than Venezuela which one among the following from South America is a member of OPEC?

- a) Argentina b) Brazil **c) Ecuador** d) Boliva

28) Under the administration of which one of the following is the Department of Atomic Energy?

- a) Prime Ministers Office** b) Cabinet Secretariat c) Ministry of power d) Ministry of Science and Tech

29) Large Bank

a) ABN Amro Bank	Country of origin
b) Barclaya Bank	USA
c) Kookmin Bank	UK
	Japan

Which of the above pairs is/are correctly matched

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

30) Which among the following has the world's largest reserves of Uranium?

- a) Australia** b) Canada c) Russian Federation d) USA

31) Elephant pass, which is Frequency in the news, is mentioned in the context of the affairs of which one of the following

- a) Bangladesh b) India c) Nepal **d) Sri Lanka**

32) Consider the following countries:

- a) Brunei Darussalam b) East c) Laos

Which of the above is/are member /members of ASEAN?

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

33) Consider the following countries:

- a) Switzerland b) Malta c) Bulgaria

Which of the above are members of European Union?

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

34) Consider the following

- a) Australia b) Namibia c) Brazil d) Chile

Through which of the above does the Tropic of Capricorn pass

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

35) In the structure of planet Earth below mantle, the core is mainly made up of which one of the following

- a) Aluminium b) Chromium **c) Iron** d) Silicon

36) Which of the following pairs is correctly matched?

<u>City</u>	:	<u>River</u>
a) Berlin	:	Rhine
b) London	:	Thames
c) New York	:	Hudson
d) Vienna	:	Danube

37) Match list – I with List – II and select the answer using the code given below the list

List - I	List – II
(Famous Temple)	(State)
A. Vidyashankara Temple	1. Andhra Pradesh
B. Rajarani Temple	2. Karnataka
C. Kandariya Mahadeo temple	3. Madhya Pradesh
D. Bhimesvara Temple	4. Orissa
a) A-2 B-4 C-3 D-1	b) A-2 B-3 C-4 D-1
c) A-1 B-4 C-3 D-2	d) A-1 B-3 C-4 D-2

38) Consider the following statements:

- In the world, the tropical deserts occur along the western margins of continents within the trade wind belt
- In India, the East Himalayan region gets high rainfall from north – east winds

Which of the statements given below is/are correct

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

39) Match list – I with List – II and select the answer using the code given below the list

(Geographic features)	(Country)
A. Great Victoria Desert	1. Australia
B. Grand Canyon	2. Canada
C. Lake Winnipeg	3. New Zealand
D. Southern Alps	4. USA
a) A-1 B-2 C-4 D-3	b) A-1 B-4 C-2 D-3
c) A-3 B-2 C-4 D-1	d) A-3 B-4 C-2 D-1

40) Consider the following statements:

- Between Census 1951 and Census 2001, the density of the population of India has increased more than three times.
- Between Census 1951 and Census 2001, the annual growth rate (exponential) of the population of India has doubled

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

41) Which one of the following does not originate in India

- a) Beas b) Chenab c) Ravi d) Sutlej

42) Cape Canaveral, the site from which space shuttles are launched is located on the coast of

- a) Florida b) Virginia c) North Carolina d) South Carolina

43) At which one of the following places do two important rivers of India originate; while one of them flows towards north and merges with another important river flowing towards Bay of Bengal, the other one flows towards Arabian Sea?

- a) Amarnath b) Badrinath c) Mahabaleshwar d) Nasik

44) Who of the following scientists proved that the stars with mass less than 1.44 times the mass of the sun end up as White Dwarfs when they die?

- a) Edwin Hubble b) S.Chandrasekhar c) Stephen Hawking d) Steven Weinberg

45) Which one of the following brings out the publication called “Energy Statistics” from time to time?

- a) Central power research Institute b) Planning Commission
- c) Power finance Corporation Ltd d) Central Statistical Organization

46) Consider the following statements:

- India does not have any deposits of Thorium.
- Kerala’s monazite sands contain Uranium

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

47) Which one of the following South Asian countries has the highest population density?

- a) India b) Nepal c) Pakistan d) Sri Lanka

48) Consider the following statements:

- The discussions in the third Round table conference eventually led to the passing of the Government of India Act of 1935
- The Government of India act of 1935 provided for the establishment of an act All India federation to be based on a Union of the provinces of British India and the princely states

Which of the statements given below is/are correct?

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

- 49) Consider the following:
1. Fringe Benefit Tax 2. Interest Tax 3. Securities Transaction Tax
Which of the above is/are Direct tax/taxes
a) 1 Only b) 1 and 3 Only c) **2 and 3 only** d) 1, 2 and 3
- 50) In India, who is the chairman of the National Water Resources Council?
a) **Prime Minister** b) Minister of water Resources
c) Minister of Environment and Forest d) Minister of Science and Technology
- 51) Consider the following statements:
1. There are no east flowing river in Kerala.
2. There are no west flowing rivers in Madhya Pradesh
Which of the statements given below is/are correct?
a) 1 Only b) 2 Only c) Both 1 and 2 d) **Neither 1 nor 2**
- 52) In collaboration with David Hare and Alexander Duff, who of the following established Hindu college at Calcutta?
a) Henry Louis Vivian Derozio b) Ishwar Chandra Vidhyasagar
c) Keshab Chandra sen d) **Raja Rammohan Roy**
- 53) Who of the following prime Minister sent Cripps Mission to India?
a) James Ramsay Mac Donald b) Stanley Baldwin
c) Neville Chamberlain d) **Winston Churchill**
- 54) Who of the following is the author of a collection of poems called "Golden Threshold"?
a) Aruna Asaf ali b) Annie Besant c) **Sarojini Naidu** d) Vijiyalakshmi Pandit
- 55) During the Indian freedom struggle, why did Rowlatt act arouse popular indignation?
a) It Curtailed the freedom of religion
b) It suppressed the Indian traditional education
c) **It authorized the government to imprison people without trail**
d) It curbed the trade union activities
- 56) Which one of the following began with the Dandi March?
a) Home Rule movement b) Non – Cooperation movement
c) **Civil Disobedience Movement** d) Quit India Movement
- 57) Anekantavada is a core theory and philosophy of which one of the following?
a) Buddhism b) **Jainism** c) Sikhism d) Vaishnavism
- 58) With which one of the following movement is the slogan "Do or Die" associated
a) Swadeshi movement b) Non – Cooperation Movement
c) Civil disobedience movement d) **Quit India Movement**
- 59) Who of the following founded the Ahmedabad Textile Labour Association?
a) **Mahatam Gandhi** b) Sardar Vallabhai Patel c) N.M.Joshi d) J.B.Kirupalani
- 60) In the context of the Indian freedom struggle, 16th October 1905 is well known for which one of the following reasons?
a) The formal proclamation of Swadeshi movement was made in Calcutta Town hall
b) **Partition of Bengal took effect**
c) Dadabhai Naoroji declared that the goal of Indian National Congress was Swaraj
d) Lokmanya Tilak started swadeshi movement in Poona
- 61) In the 'Individual Satyagraha' Vinoba Bhave was chosen as the first satyagrahi. Who was the second?
a) Dr. Rajendra Prasad b) **Pandit Jawaharlal Nehru** c) C.Rajagopalachari d) Sardhar Vallabhai Patel
- 62) Consider the following statements:
The Cripps Proposals include the provision for:
1. Full independence for india
2. Creation of Constitution – making body.
Which of the statements given below is/are correct?
a) 1 Only b) **2 Only** c) Both 1 and 2 d) Neither 1 nor 2
- 63) During the freedom struggle, Aruna Asaf Ali was a major woman organizer of underground activity in
a) Civil Disobedience Movement b) Non – cooperation Movement
c) **Quit India Movement** d) Swadeshi Movement
- 64) With whose permission did the English set up their first factory in Surat?
a) Akbar b) **Jahangir** c) Shahjahan d) Aurangzeb
- 65) In a dry cell (battery), Which one of the following are used as electrocytes?
a) **Ammonium chloride and Zinc chloride** b) Sodium chloride and Calcium Chloride
c) Magnesium chloride and Zinc Chloride c) Ammonium Chloride and Chloride
- 66) Which one of the following planets has large number of natural satellites or moons?
a) Jupiter b) Mars c) **Saturn** d) Venus

67) Consider the following statements:

1. Sweet orange plant is propagated grafting technique
2. Jasmine plant is propagated by layers technique

Which of the statements given below is/are correct?

- a) 1 Only b) 2 Only c) **Both 1 and 2** d) Neither 1 nor 2

68) Which one of the following types of waves are used in a night vision apparatus?

- a) Radio Waves b) Microwaves c) **Infra-red waves** d) None of the above.

69) In the context of genetic disorders, consider the following :

A woman suffers from colour blindness while her husband does not suffer from it. They have a son and a daughter. In this context, Which one of the following statements is Most probably correct?

- a) Both children suffer from colour blindness.
b) Daughter suffers from colour blindness while son does not suffer from it.
c) Both children do not suffer from colour blindness.

d) Son suffers from colour blindness while daughter does not suffer from it.

70) A person travels 12 km due North, then 15km due East, after that 15 km due west and then 18 km due south. How far is he from the starting point?

- a) **6 km** b) 12 km c) 33 km d) 60 km

Simple. Does not need any Explanation.

71) Six persons A, B, C, D, E and F are standing in a row. C and D are standing close to each other alongside E. B is standing beside A only. A is fourth from F. who are standing on the extremes?

- a) A and F b) B and D c) **B and F** d) None

Simple. Does not need any Explanation.

72) Which one of the following is used as an explosive?

- a) Phosphorus Trichloride b) Mercuric oxide c) Graphite d) **Nitro glycerine**

73) Consider the following :

1. Camphor
2. Chicory
3. Vanilla

Which of the above is/are plant product(s)?

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

74) In the context of Indian wild life, the flying fox is a

- a) **Bat** b) Kite c) Stork d) Vulture

75) During which Five Year plan was the Emergency clamped, new elections took place and the Janata party was elected ?

- a) Third b) Fourth c) **Fifth** d) Sixth

76) Consider the following statements :

1. Infant mortality rate takes into account the death of infants within a month after birth.
2. Infant mortality rate is the number of infant deaths in a particular year per 100 live births during that year.

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

77) If a panchayat is dissolved, elections are to be held within

- a) 1 month b) 3 months c) **6 months** d) 1 year

78) Consider the following statements:

1. The Governor of Punjab is concurrently the Administrator of Chandigarh.
2. The Governor of Kerala is concurrently the Administrator of Lakshadweep

Which of the above statements is/are correct?

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

79) Consider the following pairs:

Organisation	Location of Headquarter
a) Asian Development Bank	Tokyo
b) Asia-Pacific Economic Cooperation	Singapore
c) Association of South East Asian Nations	Bangkok

a) Asian Development Bank

Tokyo

b) Asia-Pacific Economic Cooperation

Singapore

c) Association of South East Asian Nations

Bangkok

Which of the above pairs is/are correct matched ?

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

80) With reference to the United National consider the following statements:

1. The Economic and Social council (ECOSOC) of UN consists of 24 member state
2. It is elected by a 2/3rd Majority of the General Assembly for a 3 year term

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

81) In which one of the United Nations is the Shampen tribe found?

- a) Niligiri Hills b) **Nicobar island** c) Spiti Valley d) Lakshadweep islands

82) Consider the following statements:

- The Advocate General of a State in India is appointed by the President of India upon the recommendation of the Governor of the concerned State.
- As provided in Civil Procedure code, High Courts have original appellate and advisory jurisdiction at the state level.

Which of the statement given above is/are correct?

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

83) In India, the first Municipal Corporation was set up in which one among the following

- a) Calcutta b) **Madras** c) Bombay d) Delhi

84) With reference to Lok Adalats, consider the following statements:

- An award made by a Lok Adalat is deemed to be a decree of a civil court and no appeal lies against thereto before any court.
- Matrimonial /Family disputes are not covered under Lok Adalat.

Which of the statement given above is/are correct?

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

85) With reference to Union Government consider the following statements:

- The Constitution of India provides that all Cabinet Ministers shall be compulsorily the sitting members of Lok Sabha only
- The Union Cabinet Secretariat operates under the direction of the Ministry of Parliaments Affairs.

Which of the statements given above is/ are correct?

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

86) Which one of the following Constitutional Amendments states that the total number of Ministers, including the Prime Minister in the Council of Ministers shall not exceed fifteen percent of the total number of members of the House of the people ?

- a) 90th b) **91st** c) 92nd d) 93rd

87) Consider the following statements:

- Central Administrative Tribunal (CAT) was set up during the Prime Minister ship of Lal Bahadur Shastri.
- The Members for CAT are drawn from both judicial and administrative streams.

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

88) With reference to Union Government, consider the following statements:

- The number of Ministries at the Centre on 15th August 1947 was 18.
- The number of Ministries at the Centre at present is 36.

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**

89) Consider the following statements:

- The first telegraph line in India, was laid between Kolkata (Formerly Calcutta) and Diamond Harbor
- The first export processing Zone in India was set up in Kandla.

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

90) Which one of the following Union ministers implements the Cartagena protocol on Bio safety?

- a) Ministry of Science and Technology c) Ministry of Health and Family Welfare
b) **Ministry of Environment and Forests** d) Ministry of Chemicals and Fertilizers

91) Where is the headquarters of Animal Welfare Board of India located?

- a) Ahmedabad b) **Chennai** c) Hyderabad d) Kolkata

92) Consider the following statements regarding Indian Planning:

- The Second Five- Year Plan emphasis on the establishment of industries
- The Third Five-year Plan introduction the concept of import substitution a strategy for Industrialisation.

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) Consider the following statements:

- The National School of Drama set up by Sangeet Natak Akademi 1959.
- The highest honour conferred by Sahitya Akademi on a writer in electing him its Fellow

Which of the statements given above correct?

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

94) With reference to Union Government consider the following statements:

1. The Ministries /Departments of the Government of India are created by the Prime Minister on his advice of the Cabinet Secretary.
2. Each of the Ministries is assigned to a Minister by the President of India on the advice of the Prime Minister.

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

95) A person has 4 coins of different denomination what is the number of different sums. of money the person Can from (using one or more coins at a time)

- a) 16 b) 15 c) 12 d) 14

Taking Single Coin at a time in ${}^4C_1=4$ ways.

Taking Two Coins at a time in ${}^4C_2=6$ ways.

Taking three Coins at a time in ${}^4C_3=4$ ways.

Taking all(4) Coins at a time in ${}^4C_4=1$ ways.

So Total=15 ways.

(or)

Taking at least one coin at a time.

Total Ways = $2^4 - 1 = 15$ ways.

96) How many number lie between 300 and 500 in which 4 comes one time?

- a) 99 b) 100 c) 110 d) 120

4	B	C
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When 4 is the FIRST digit, the SECOND digit (B) can be any one of the nine (1,2,3,5,...,9,0) digits and the THIRD digit (C) can be any one of the nine (1,2,3,5,...,9,0) digits.

So, $1 \times 9 \times 9 = 81$ Numbers.

A	4	C
---	---	---

When 4 is the SECOND digit, the FIRST digit (A) can must '3' and the THIRD digit (C) can be any one of the nine (1,2,3,5,...,9,0) digits.

So, $1 \times 1 \times 9 = 9$ Numbers.

A	B	4
---	---	---

When 4 is the LAST digit, the FIRST digit (A) can must '3' and the SECOND digit (B) can be any one of the nine (1,2,3,5,...,9,0) digits.

So, $1 \times 9 \times 1 = 9$ Numbers.

So totally $81 + 9 + 9 = 99$ digits.

97) How many letters of the English alphabet (capitals) appear same when looked at in a mirror?

- a) 9 b) 10 c) 11 d) 12

The Alphabets are A, H, I, M, O, T, U, V, W, X.

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98) How many three –digit' numbers can be generated from 1, 2, 3,4,5,6,7,8,9 such that the digits are in ascending order?

- a) 80 b) 81 c) 83 d) 84

When '1' is the first digit, '2' can be the second digit, so the third digit can be any one of the '7' digits.**When '1' is the first digit, '3' can be the second digit, so the third digit can be any one of the '6' digits.****And so on.****Total cases with '1' as the first digit is $7 + 6 + \dots + 1 = 28$** **Similarly Total cases with '2' as the first digit is $6 + 5 + \dots + 1 = 21$** **Similarly Total cases with '3' as the first digit is $5 + 4 + \dots + 1 = 15$** **And so on****Similarly Total cases with '7' as the first digit is $1 = 1$.****So Total Cases is = $28 + 21 + \dots + 10 + 6 + 3 + 1 = 84$** **99)** There are four persons A, B, C, D, and A has some coins A gave half of the coins to B and 4 more besides B gave half of the coins to c and 4 more besides Both B and D end up with same number of coins How many coins did A have originally?

- a) 96 b) 84 c) 72 d) 64

Best Way is go from Option.**A= 72****B gets $36 + 4 = 40$** **C gets from B $20 + 4 = 24$** **So B is left with 16.****D get from C $12 + 4 = 16$.****100)** While adding the first few continuous natural numbers, a candidate missed one of the numbers and wrote the answer as 177. What was the number missed?

- a) 11 b) 12 c) 13 d) 14

$$1+2+ \dots + (x-1) + (x+1) + \dots + n = 177$$

Where 'x' the missed one, 'n' the total natural numbers.**So, $1 + 2 + \dots + n > 177$. i.e. $n(n+1)/2 > 177$, the smallest value of 'n' which satisfies the given equation is '18'. $19 \times 20/2 = 190$.****Should have got 190. So the missed one is $190 - 177 = 13$.****101)** Four metal rods of lengths 78 cm, 104 cm, 117 cm and 169 cm are to be cut into parts of equal length. Each part must be as long as possible. How many pieces that can be cut?

- a) 27 b) 36 c) 43 d) 480

HCF of (78, 104, 117 and 169) = 13.**Number of Pieces = $(78+104+117+169)/13=36$.**

- 102) In an examination, there are three subjects A, B and C. A student failed in A, 22% students failed B and 16% failed in C. The total number of students passing the whole examination lies between
- a) 42% and 84% b) 42% and 78% c) 58% and 78% d) 58% and 84%

For Every 100 students

Passed in 'A'=80; Passed in 'B'=78; Passed in 'C'=84

So Minimum number of students passed in all subjects is $100 - (20+22+16) = 48$

Maximum number of students passed in all the subjects is nothing but the minimum number of students passed in any subject which is '78'.

- 103) There is a family of 6 persons A, B, C, D, E, and F. There are two married couples in the family. Members are lawyers, teacher, Salesman, engineer, accountant and doctor. D the salesman is married to the lawyer. F, the accountant is the son and of B and brother of E. C, the lawyer is the daughter – in – law of A. E is the unmarried engineer. A is the grandmother of F. How is related to F?
- a) Brother b) Sister c) Father d) Cannot be established (Cannot be determined)

Since We do not know the sex(gender) of 'E', the question can not be answered.

- 104) How many times are a hour hand and a minute hand of a clock at right angles during their motion from 1.00 PM to 10.00 PM
- a) 9 b) 10 c) 18 d) 20

ALL THE OPTIONS ARE WRONG.

The correct answer must be 16 times. Because totally 9 whole hours. Every one hour two times the angle between hands of a clock make an angle 90 degrees. But from 3 to 4 only one time, similarly from 9 to 10 only one time. But 2 to 3 and 8 to 9 two times.

So $7 \times 2 + 1 + 1 = 16$ times.

- 105) There are 240 balls and n numbers of boxes $B_1, B_2, B_3, \dots, B_n$. The balls are to be placed in the boxes such that B_1 should contain 4 balls more than B_2 , B_2 should contain 4 balls more than B_3 , and so on. which on the following cannot be possible value of n?
- a) 4 b) 5 c) 6 d) 7

Let 'x' be the number of balls in the box B_n . So the box B_{n-1} Contains $x+4$ and the box B_{n-2} Contains $x+8$ and so on.

So $(x) + (x+4) + (x+2 \times 4) + (x+3 \times 4) + \dots + [x+(n-1)4] = 240$

i.e. $nx + 4[n(n+1)/2] = 240$

$n[x+2(n+1)] = 240$, So 240 must be divisible by 'n', there for '7' can not be the value of 'n'.

- 106) In a Carom board game competition, m boys and n girls ($m > n > 1$) of a school participate in which every student has to play exactly one game with every other students. Out of the total games played, it was found that in 221 games one player was a boy and the other player was a girl.

Consider the following statements;

1. The total number of students that participated in the competition is 30.
2. The number of games in which both players were girls is 78

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

Given in 221 games one player was a boy and the other player was a girl.

Given 'm' boys and 'n' girls. So $m \times n = 221$. So 'm' and 'n' are respectively 17 and 13 (Because given $m > n$).

So Total $17+13 = 30$.

Games within girls is ${}^{13}C_2 = (13 \times 12)/2 = 78$.

- 107) There are three cans A, B and C. The capacities of A, B and C are 6 litres, 10 litres and 16 litres respectively. The milk has to be divided in them using three cans only.

Consider the following statements:

1. It is possible to have 6 litres of milk each in can A and B.
2. It is possible to have 8 litres of milk each in can B and C.

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

1 alone is true. Fill the can 'A', and empty can 'A' into can 'B', now fill the can 'A'.

- 108)** Consider the following pairs
- | | | |
|------------------------|---|------------------|
| 1. Ashok Leyland | : | Hinduja group |
| 2. Hindalco Industries | : | A.V.Birla Group |
| 3. Suzlon Energy | : | Punj Lloyd Group |
- Which of the pairs given above is/are correctly matched?
- a) 1 and 2 only** **b) 2 only** **c) 1 and 3 only** **d) 1, 2 and 3**
- 109)** In the context of global economy, which one of the following pairs is none correctly matched?
- | | | |
|----------------------------|---|---------------------------|
| a) JP Morgan Chase | : | Financial services |
| b) Roche Holding AG | : | Financial services |
| c) WL Ross & co. | : | Private Equity firm |
| d) Warburg pincus | : | Private Equity firm |
- 110)** Consider the following houses :
- | | | |
|---------------|------------|--------------|
| 1. Christie's | 2. Osian's | 3. Sotheby's |
|---------------|------------|--------------|
- Which of the above is/are auctioneer/auctioneer?
- a) 1 only** **(b) 1 and 3 only** **(c) 2 and 3 only** **(d) 1, 2 and 3**
- 111)** In the context of CO₂ emission and Global Warming, what is the name of a market driven device under the UNFCCC that allows developing countries to get funds/incentives from the developed countries to adopt better technologies that reduce greenhouse gas emissions?
- | | |
|--------------------------------|--------------------------------|
| a) Carbon Footprint | b) Carbon Credit Rating |
| c) Clean Development Mechanism | d) Emission Reduction Norm |
- 112)** The concept of carbon credit originated from which one of the following?
- (a) Earth summit, Rio de Janeiro
(b) Kyoto protocol
 (c) Montreal protocol
 (d) G-8 Summit, Heiligendamm
- 113)** Who among the following is the founder of World Economic Forum?
- (a) Klaus Schwab**
 (b) John Kenneth Galbraith
 (c) Robert Zoellick
 (d) Paul Krugman
- 114)** The Security Council of UN consists of 5 permanent members, and the remaining 10 members are elected by the General Assembly for a term of _____
- a) 1 year **(b) 2 year** (c) 3 years (d) 5 year
- 115)** From which one of the following did Kosovo declare its independence?
- (a) Bulgaria (b) Croatia (c) Macedonia **(d) Serbia**
- 116)** Which one of the following pairs of countries fought wars over a region called Ogden?
- (a) Eritrea and Sudan
(b) Ethiopia and Somalia
 (c) Kenya and Somalia
 (d) Ethiopia and Sudan
- 117)** In the middle of the year 2008 the Parliament of which one of the following countries became the first in the world to enact a climate Act by passing "The climate change Accountability Bill"?
- (a) Australia **(b) Canada** (c) Germany (d) Japan
- 118)** Which one among the following has the highest energy?
- (a) Blue light** (b) Green light (c) Red light (d) Yellow light
- 119)** In the context of independent India's economy, which one of the following was the earliest event to take place?
- (a) Nationalization of Insurance companies
 (b) Nationalization of State Bank of India
(c) Enactment of Banking Regulation Act
 (d) Introduction of First Five-Year plan
- 120)** Consider the following pairs :
- | Automobile Manufacturer | Headquarters |
|-------------------------|--------------|
| 1. BMW AG | : USA |
| 2. Daimler AG | : Sweden |
| 3. Renault S.A | : France |
| 4. Volkswagen AG | : Germany |
- Which of the pairs given above is/are correctly matched?
- (a) 1, 2 and 3** **(b) 3 and 4** (c) 4 only (d) 1, 2 and 4

- 121)** Which one of the following is not a drug/Pharma company?
 (a) **Chevron** (b) Nicholas Primal (c) Pfizer (d) Zydus Cadila
- 122)** Who of the following is the author of the book "The Audacity of Hope"?
 (a) Al Gore (b) **Barack Obama** (c) Bill Clinton (d) Hillary Clinton
- 123)** A present group of nations known as G-8 started first as G-7. Which one among following was not one of them?
 a) Canada b) Italy c) Japan **d) Russia**
- 124)** Consider the following statements:
 1. The Baglihar power project had been constructed within the parameters the Indus water Treaty.
 2. The project was completely built by Union government with loans from Japan and the World Bank
 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
- 125)** When leader peas won the "mixed doubles at the US open in the year 2008, who of the following was his partner?
 a) Ana Ivanovic **b) Cara Black** c) Dinara Safina d) Jelena Jankovi
- 126)** In the context of Indian news in recent times what is MCX – SX?
 a) A Kind of Super computer b) Title of moon impact probe
c) Stock exchange d) Nuclear – powered submarine
- 127)** Which of the following pairs is not correctly matched?
 a) Barbora Spotakova Javelin throw
b) Pamela Jelimo Weightlifting
 c) Sanya Richards Sprint
 d) Yelena Isinbayeva Pole Vault
- 128)** India has recently landed its Moon Impact probe on the Moon. Among the following countries which one landed such probe on the Moon earlier?
 a) Australia b) Canada c) China **d) Japan**
- 129)** Who of the following is a football player?
 a) Fernando Alonso b) Kimi Raikkonen c) Lewis Hamilton **d) Nicolas Anelka**
- 130)** Consider the following pairs:
 Famous place Country
 a) Cannes France
 b) Davos Denmark
 c) Roland Garros The Netherlands
 Which of the pairs given above is/are correctly matched?
 a) **1 only** b) 1 and 2 only c) 2 and 3 only d) 1, 2 and 3
- 131)** Among the following which one is not a football club?
 a) Arsenal b) Aston Villa c) Chelsea **d) Monte Carlo**
- 132)** The marine animal called dugong which is vulnerable to extinction is a/an
 a) Amphibian b) Bony fish c) Shark **d) Mammal**
- 133)** The Dul Hasti power station is based on which one of the following rivers?
 a) Beas **b) Chenab** c) Ravi d) Sutlej
- 134)** Consider the following statements:
 1. V.K Krishna Menon foundation is based on New Delhi
 2. The first recipient of the V.K. Krishna Menon award is the chief justice of India, K.G. Balakrishnan
 Which of the statements given below is/are correct
 a) 1 only **b) 2 Only** c) Both 1 and 2 d) Neither 1 nor 2
- 135)** Which one of the following is the country's administrative capital / new federal administrative centre of Malaysia?
 a) Kota Bharu b) Kuala Terengganu **c) Putrajaya** d) Taiping
- 136)** In the context of Indian defence, consider the following statements:
 1. The Shourya missile flies with a speed of more than 8 Mach.
 2. The range of Shourya missile is more than 1600 km
 Which of the statements given below is/are correct
 a) 1 only b) 2 Only c) Both 1 and 2 **d) Neither 1 nor 2**
- 137)** WiMAX is related to which one of the following?
 a) Bio technology b) Space technology c) Missile technology **d) Communication Technology**
- 138)** For outstanding contribution to which one of the following fields is Shanti Swarup Bhatnagar Prize given?
 a) Literature b) Performing Arts **c) Science** d) Social service

