

GS COMPONENT WISE PRACTICE PAPERS

PAPER - I

Time Allowed : Two Hours

Maximum. Marks: 200

INSTRUCTIONS

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 the Test Booklet in the Box provide alongside.

DO NOT write *anything else* on the Test Booklet.

4. This Test Booklet contains **100** items (questions). Each item comprises four responses (answer). You will select the 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 response **ONLY** on the separate Answer Sheet provided. See directions in the Answer Sheet.
6. All items carry equal marks.
7. After You have completed filling in all your response 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.
8. Sheet for rough work are appended in the Test Booklet at the end.

9. Penalty for Wrong answers:

THERE WILL BE PENALTY FOR WRONG ANSWERS MARKED BY A CANDIDATE IN THE OBJECTIVE TYPE QUESTION PAPERS.

- (i) There are four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, one-third of the marks assigned to that question will be deducted as penalty.
- (ii) If a candidate gives more than one answer, it will be treated as wrong answer even if one of the given answers happens to be correct and there will be same penalty as above to that question.
- (iii) If a question is left blank. i.e, no answer is given by the candidate, there will be no penalty for the question.

1. Consider the following statements:

1) Perform, Achieve & Trade (PAT) is a scheme for trading energy efficiency certificates in energy intensive industries.

2) Renewable Purchase Obligation (RPO) is a scheme for promoting domestic markets for renewable energy through regulatory interventions at State level.

Which of the above statement(s) is/are correct?

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

2. Thirty percent (30%) of the nucleotide bases in human DNA are adenine (A). What is the percent of guanine (G) bases in human DNA?

- a) 40% b) 30%
c) 20% d) 70%

3. Match the following:

List - I

A) Appointment of a separate lieutenant governor for Bengal

B) Provision of an annual sum of one lakh rupees for the spread of education

C) Abolition of the Board of Control and Court of Directors

D) Introduction of the Portfolio System

List - II

1) Charter Act of 1813

2) Charter Act of 1853

3) Government of India Act of 1858

4) Indian Councils Act, 1861

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

4. Which of the following statements about the activities of revolutionary terrorists are true?

1) Publication of news papers, Journals and Pamphlets

2) Organisation of public meetings

3) Organisation of Military conspiracies

4) Raids on banks, Police Stations and government armouries.

Choose the answer from the codes given below:

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

5. The Equator would be much hotter than it is while the Poles would be much cooler than they are without:

1) Longitudinal distribution of heat

2) Global wind pattern

Which of the above statement(s) is/are correct?

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

6. What are the two forms of renewable energy that do not draw their energy from solar radiation?

a) Tidal and wave power

b) Tidal and geothermal power

c) Geothermal and hydro power

d) Hydro and wave power

7. Land development banks in India are owned by the:

a) Reserve Bank of India

b) State Governments

c) Commercial banks

d) Cooperative societies

8. Which of the following techniques are considered as genetic engineering?

1) DNA recombinant technology

2) Synthetic biology

3) in-vitro fertilization

4) Gene knockout

5) Transgenics

Choose the correct answer from the codes given below:

- a) 1, 2 and 4 b) 1, 3 and 5
c) 1, 2, 4 and 5 d) 1, 2, 3, 4 and 5

9. All the established politics parties and groups boycotted the Simon Commission except two

1) Muslim League

2) Justice Party

- 3) Punjab unionists
4) Hindu Mahasabha
Choose the correct answer from the codes given below:
a) 2 and 3 b) 1 and 4
c) 1 and 2 d) 2 and 4
- 10. In which of the following areas, Indian government has given subsidies to promote environmental sustainability?**
1) Soil and water conservation
2) Fisheries
3) Forestry and wildlife
4) Agricultural research and education
5) Special areas development programme.
Consider the correct answer from the given below codes:
a) 1, 3, 4 and 5 b) 1, 2, 3 and 4
c) 1, 3 and 4 d) 1, 2, 3, 4 and 5
- 11. Arrange the following five main activities threatening global biodiversity in the order of importance**
1) Alien species
2) Habitat destruction
3) Over exploitation
4) Diseases
5) Pollution
a) 3-2-1-4-5 b) 1-2-3-4-5
c) 2-1-3-4-5 d) 2-1-5-3-4
- 12. What do we call a network whose elements may be separated by some distance? It usually involves two or more small networks and dedicated high-speed telephone lines.**
a) URL (Universal Resource Locator)
b) LAN (Local Area Network)
c) WAN (Wide Area Network)
d) World Wide Web
- 13. Consider the following statements:**
1) Corporate tax
2) Grants received from a foreign country.
3) Loans from an international agency
4) Interest free loans from IDA
Which among the above are revenue receipts of government?
a) 1 and 2 b) 1, 2 and 4
c) 1 and 4 d) 1, 2, 3 and 4
- 14. In India, which one among the following formulates fiscal policy?**
a) Planning Commission
b) Ministry of Finance
c) Finance Commission
d) Both (b) and (c)
- 15. What is the correct chronological order of the following movements of Gandhi?**
1) Rowlatt Act agitation
2) Kheda Movement
3) Champaran movement
4) Ahmadabad mills strike
a) 3, 2, 4, 1 b) 3, 2, 1, 4
c) 2, 3, 1, 4 d) 2, 3, 4, 1
- 16. Which among the following factors aided Peru in becoming one of the leading fishing countries of the world?**
1) Upwelling of the cold, nutrient rich water along Peruvian coast
2) Little arable land available in Peru traditionally encouraged Peruvians towards fishing
3) Extensive continental shelf along Peruvian coast
Choose the correct answer from the codes given below:
a) 1 and 2 b) 1 only
c) 1 and 3 d) 1, 2 and 3
- 17. Ex-situ conservation includes**
1) Germplasm banks
2) Seed vaults
3) Botanical gardens
4) Ramsar convention sites
Choose the correct answer from the codes given below:
a) 1 and 2 b) 1, 2 and 3
c) 1, 3 and 4 d) 1, 2, 3 and 4

- 18. Which of the following statements regarding Shadow Banks is correct?**
- 1) Shadow Banks enjoy powers under SARFAESI act.
 - 2) Shadow Banks have to maintain reserve ratios like CRR & SLR
 - 3) Hedge Funds, Special Investment Vehicles, Securitization companies operate as Shadow Banks.
 - 4) Shadow Banks were responsible for creating asset bubble in USA.
- Choose the correct answer from the codes given below:
- | | |
|------------------|------------|
| a) 1, 2, 3 and 4 | b) 1, 3, 4 |
| c) 2, 3 and 4 | d) 3 and 4 |
- 19. The temperature of a metal is reduced. Which statement correctly identifies the change in its electrical resistance and the reason for this change?**
- a) Electrical resistance increases as the metal freezes
 - b) Electrical resistance decreases due to the availability of more free electrons
 - c) Electrical resistance increases as the electrons move more slowly
 - d) Electrical resistance decreases due to reduced metal lattice vibrations
- 20. Which of the following statement(s) is/are correct about the Election Commission of India?**
- 1) The Chief Election Commissioner can be removed from office if both Houses of Parliament vote with special majority.
 - 2) The other Election Commissioners can be removed from office by the President on the advice of the Council of Ministers, headed by the Prime Minister.
- Select the correct answer using the codes given below:
- | | |
|-----------------|--------------------|
| a) 1 only | b) 2 only |
| c) Both 1 and 2 | d) Neither 1 nor 2 |
- 21. Who are known as the 'Liberators of the Indian press'?**
- 1) Sir Charles Metcalfe
 - 2) Lord Minto
 - 3) Sir Thomas Munro
 - 4) Lord Macaulay
 - 5) Lord Wellesley
- Select the correct answer from the codes given below:
- | | |
|------------|---------------|
| a) 1 and 3 | b) 2, 4 and 5 |
| c) 1 and 4 | d) 3 and 4 |
- 22. Consider the following statements:**
- 1) Streams like Betwa, Dhasan and Ken have carved out steep gorges on this plateau; Khajuraho is situated on this plateau
 - 2) Central part of this plateau acts as water divide between Son and Mahanadi drainage system; it is to the east of Maikala ranges.
- The two sets of statements above refer to two plateaus. Choose the correct answers from below:
- a) Bundelkhand and chotanagpur
 - b) Baghelkhand and chotanagpur
 - c) Bundelkhand and Baghelkhand
 - d) Chotanagpur and Baghelkhand
- 23. Which of the following are not correct with respect to Bharat Stage norms?**
- 1) Bharat stage IV norms have been implemented in all cities.
 - 2) Bharat stage III norms are applied for 2 and 3 wheelers.
 - 3) Bharat stage norms are based on euro norms.
 - 4) The standards and the timeline for implementation are set by the Central Pollution Control Board under the Ministry of Environment & Forests.
- Choose the correct answer from the codes given below:
- | | |
|---------------|------------------|
| a) 1 and 2 | b) 1 only |
| c) 2, 3 and 4 | d) 1, 2, 3 and 4 |
- 24. Consider the following statements:**
- 1) Whole sale banks suggested by Nachiket Mor should maintain CRR & SLR ratios
 - 2) They should have a paid up capital of 50 Cr
 - 3) Whole sale banks have SARFAESI powers

- 4) Whole sale banks can give retail loans
Which of the above statements are correct?
a) 1, 2, 3 and 4 b) 1, 2 and 3
c) 1, 2 and 4 d) 2 and 4
- 25. When one is suffering with dehydration, doctors suggest ORS to avoid dehydration. What are the components in ORS (Oral Rehydration Salts) solution?**
1) Sodium 2) Chlorine
3) Anhydrous Glucose 4) Potassium
5) Citrate 6) Calcium
Choose the correct answer from the codes given below:
a) 1, 2, 4, 5 and 6 b) 1, 2, 3 and 4
c) 1, 2, 3, 4 and 5 d) 1, 2, 3, 4, 5 and 6
- 26. When the Chief Justice of India is appointed by the President, he is required to consult:**
a) The Council of Ministers and all the Judges of the Supreme Court
b) The Prime Minister, the Law Minister and the Attorney-General of India
c) Such of the Ministers of the Cabinet and the Prime Minister as he deems necessary
d) Such of the Judges of the Supreme Court and High Courts as he deems necessary
- 27. Which of the following statements pertaining to Peasant movements after 1857 i.e. Indigo Revolt, Pabna Uprising and Deccan Riots is/are TRUE?**
1) Chiefs and Landlords provided leadership to these movements.
2) Peasants adopted legal means and approached Courts for the redressal of their grievances.
3) They did not conceive complete over-haul of the agrarian system.
4) Peasants lacked proper understanding of colonial economic structure and its impact.
a) 1 and 4 b) 1 and 3
c) 1, 2 and 3 d) 2, 3 and 4
- 28. The following crops in India have registered an impressive growth, according to their index numbers of production:**
a) Cereals, oilseeds, fibres.
b) Fibres, plantation crops, coarse cereals.
c) Plantation crops, oil seeds, cereals.
d) Fibres, oil seeds, plantation crops.
- 29. Consider the following:**
1) Less developed roots
2) Long, Spongy and flexible stem
3) Large, flat and wax coated leaves
In which plants the above features are seen?
a) Hydrophytes b) Halophytes
c) Xerophytes d) Mesophytes
- 30. Consider the following statements:**
1) Escrow account is an account held by third party in a bank on behalf of agreed parties.
2) It is a temporary account.
3) Before opening an escrow account in a bank by the agreed parties, they need the bank's approval.
Which of the above are correct with regards escrow account?
a) 1 and 2 b) 2 and 3
c) 1 and 3 d) 1, 2 and 3
- 31. DRDO has recently developed flying test bed for testing the airborne radars and aero space systems. What is the name of this flying test bed?**
a) NAKSHATRA b) NABHRATHNA
c) NISHANTA d) AKASH
- 32. Consider the following statements:**
1) The President can commute death sentence to life imprisonment.
2) The Governor cannot commute death sentence to life imprisonment.
3) The President's power to pardon extends to punishments or sentences by court martial.
Which of the statements given above is / are correct?
a) 2 only b) 1 and 3
c) 1, 2 and 3 d) 2 and 3

33. Winch one of the following statements is correct?

- The Chief Election Commissioner of India holds his office during the pleasure of the President
- The Governor of a State holds his office during the pleasure of the President
- The Prime Minister can only be removed by a resolution passed by both Houses of Parliament
- The speaker of the Lok Sabha can be removed at the pleasure of the President

34. Keshab Chandra Sen

- Adopted a radical and comprehensive scheme of social reforms.
 - Infused the concept of bhakti into Brahmoism.
 - Influenced the socio-religious reformers in Bombay and Madras
 - Opposed the introduction of western education in India
- a) 1, 2 and 3 b) 2, 3 and 4
c) 1, 3 and 4 d) 1, 2, 3 and 4

35. Match List - I with List - II and select the correct answer using the codes given below the lists:

Region	Resource
A) Singrauli	1) Aluminium
B) Dalli Rajhara	2) Iron
C) Zawar	3) copper
D) Taregaon	4) coal
	5) Zinc

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

36. Consider the following statements:

- In wildlife sanctuaries, all human activities are permitted unless prohibited, whereas in National Parks, all human activities are prohibited unless permitted.
- While National Parks are governed by the Forest (Conservation) Act, 1980, wildlife

sanctuaries are governed by the Wildlife Protection Act, 1972.

Choose the correct answer from the codes given below:

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

37. Which of the following statements is/are correct with regards Indian Backbone Implementation Network (IBIN)?

- It is a Planning Commission's project.
 - It has been modeled on the Total Quality Movement (TQM) in Japan.
 - It is an infrastructure development programme.
- a) 1 and 2 b) 1 and 3
c) 2 and 3 d) 1, 2 and 3

38. Synthetic biology took a giant step forward recently when an international team managed to synthesise an artificial gene syn III. Which of the following is correct with regards this gene?

- This gene is similar to the shortest chromosome of yeast.
 - It was developed through gene scrambling technique
- Which of the following statement(s) given above is/are correct?

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

39. Which of the following are the merits due to parliamentary system?

- Wide representation
 - Stable government
 - Prevents despotism
 - Definiteness in policies
- a) 1 and 2 b) 2 and 3
c) 1 and 3 d) 2 and 4

40. Consider the following statements : The impact of British imperialistic policies on Indian agriculture was

- Creation of a new market economy.
- Polarisation between landowners and tillers.

- 3) Increase in the number of landless labourers.
4) Unemployment among village artisans.
Which of these statements are correct?
a) 1, 2 and 3 b) 2, 3 and 4
c) 1 and 4 d) 1, 2, 3 and 4
- 41. Consider the following statements:**
1) Spring tides occur when the Sun, the Moon and the Earth are in conjunction
2) Neap tides occur when the Sun, the Moon and the Earth are in opposition
Which of the above statement(s) is/are correct?
a) 1 only b) 2 only
c) Both 1 and 2 d) Neither 1 nor 2
- 42. In which of the following National Parks, electronic eyes were installed?**
1) Kaziranga National Park
2) Corbett National Park
3) Sri Venkateswara National Park
4) Simlipal National Park
a) 1 and 2 b) 2 and 3
c) 1 and 4 d) 2 and 4
- 43. The monotheism and social reform preached by the kherwar or sapha har movement, 1870, turned into a**
a) violent movement against the zamindars
b) peasant movement against heavy taxation
c) campaign against revenue settlement
d) movement for a separate state
- 44. Consider the following statements about Nisargruna Technology:**
1) It is a solid waste management technology developed by BARC
2) It can transform plastic waste into biodiesel
3) It is more efficient than traditional biogas plants because Nisargruna plant can directly turn waste into butane gas.
Choose the correct answer from the codes given below:
a) 1 only b) 2 only
c) 2 and 3 d) 1 and 3
- 45. Consider the following statements about the National Development Council.**
1) It is an extra-constitutional and extra-legal body.
2) It reviews the working of the National plan from time to time.
3) Its members include the Union Cabinet, State Cabinet, Prime Minister, Chief Ministers and the Cabinet Secretary.
4) It recommends allocation of revenues to states.
Select the correct answer using the codes given below:
a) 1 and 2 b) 1 only
c) 1, 2 and 3 d) 1, 2, 3 and 4
- 46. Match List - I with List - II and select the correct answer using the codes given below the lists:**
- | | |
|---------------|---------------------|
| List - I | List - II |
| A) Travancore | 1) Alivardi Khan |
| B) Bengal | 2) Saadat Khan |
| C) Hyderabad | 3) Nizam - Ul- Mulk |
| D) Avadh | 4) Martanda Varman |
- | | | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|----------|
| A | B | C | D | A | B | C | D |
| a) 4 | 3 | 2 | 1 | b) 4 | 1 | 3 | 2 |
| c) 1 | 2 | 3 | 4 | d) 2 | 1 | 3 | 4 |
- 47. Consider the following statements:**
1) Land breezes blow from land to sea during morning and are warmer whereas sea breezes blow from sea to land during nights and are cooler.
2) Val ley breezes blow from valley to mountain during morning and are warmer whereas mountain breezes blow from mountain to valley during nights and are cooler.
Choose the correct answer from the codes given below:
a) 1 only
b) 2 only
c) Both 1 and 2
d) Neither 1 nor 2

- 48. Which of the following cattle breeds correctly represent the States they belong to:**
 1) Vechur Cow - Kerala
 2) Ongole Ox - Andhra Pradesh
 3) Murrah Buffalo - Punjab
 Choose the correct answer from the codes given below:
 a) 1 and 2 b) 2 and 3
 c) 2 only d) 1, 2 and 3
- 49. Which among the following was a demand of the participants in the Royal Indian Navy Uprising (1946)?**
 a) Equal pay for both Indian and white sailors
 b) Release of INA and other political prisoners
 c) Arrest of the British Prime Minister
 d) Indianization of the Navy
- 50. Consider the following statements about food irradiation:**
 1) This process makes the food radioactive, thereby making it unfit for survival of microbes and pathogens.
 2) food irradiation plant is one type of nuclear reactor.
 Which of the above statement(s) is/are ?
 a) 1 only b) 2 only
 c) Both 1 and 2 d) Neither 1 nor 2
- 51. Consider the following statements about the Legislative Council:**
 1) The membership of the Legislative Council of a State shall not be more than half the membership of the Legislative Assembly of the State.
 2) 1/3 of the total number of members of the Council shall be elected by electors consisting of members of local bodies, such as municipalities, district boards etc.
 3) The Union Parliament is empowered to legislate on matters relating to changes in the composition of the Legislative Council.
 4) Primary, Secondary and Higher Secondary School teachers can exercise their franchise to elect members of the Legislative Council for teacher designated Constituencies.
- Which of the above statements is/are correct?
 a) 1 and 2 b) 1 and 4
 c) 2 and 3 d) 1, 2 and 3
- 52. Which of these characterised the "Dual System" of government in Bengal?**
 1) Economic Prosperity
 2) A prolonged period of famine
 3) The Dewani rights of Bengal would remain with the British, while the Nawab would be responsible for Nizamat function
 a) 2 and 3 b) 1 and 2
 c) 1 and 3 d) All of the above
- 53. Consider the following statements:**
 1) Physiographic density of roads is higher for smaller and mineral rich states
 2) Geographic density of roads is higher for NE States of India
 Which of the above statement(s) is/are correct?
 a) 1 only b) 2 only
 c) Both 1 and 2 d) Neither 1 nor 2
- 54. Recently, Central Zoo Authority has decided to create a conservation breeding centre for the endangered wild dog (Dhole) in Vizag. Which of the following causes have been identified by IUCN for the dwindling number of Dholes?**
 1) Habitat loss
 2) Hunting
 3) Depletion of prey base
 4) Inter-specific competition
 Choose the correct answer from the codes given below:
 a) 1, 2 and 4 b) 1, 3 and 4
 c) 1 and 2 d) 1, 2 and 3
- 55. We read in the newspapers that the Foreign Direct Investments are preferred over Capital Inflow. In this context, consider the following:**
 1) FDI brings in latest technology
 2) FDI does not involve large outflow
 3) FDI Improves efficiency of the economy

Which among the above is / are most suitable reasons for the given statement?

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

56. Consider the following statements:

- 1) Tread Mill Test (TMT) is conducted to diagnose heart diseases.
- 2) Electro Encephalography (EEG) is used to diagnose brain diseases.
- 3) Mammography is used to examine the human breast

Which of the above statement(s) is/are correct?

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

57. Consider the following statements with respect to the creation of Legislative Council in a state:

- 1) First, a resolution must be passed by the concerned Legislative Assembly with a simple majority calling for the creation of a Legislative Council.
- 2) Second, Parliament may, by an Act, create the Legislative Council if the concerned State Legislative Assembly passes a favourable resolution

Which of the above statements is/are correct?

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

58. Who among the following was the President of the All-India States' Peoples' Conference in 1939?

- a) Jaya Prakash Narayan
- b) Jawahar Lal Nehru
- c) Sheikh Abdullah
- d) Sardar Vallabhbhai Patel

59. Which of the following is/are correct with reference to Great Plains of India?

- 1) Soils of the plains are agriculturally most fertile
- 2) The plains are often termed as 'Granary of India'

3) A number of canals have been carved out of these rivers in the plains

4) Sedimentary rocks of the plains have petroleum and natural gas deposits

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

60. Runaway Greenhouse effect occurs:

a) when the Thermal radiation given out by the planet exceeds the solar radiation absorbed by the Planet.

b) when the solar radiation absorbed by the planet exceeds the thermal radiation given out by the planet.

c) when the solar radiation absorbed by the planet equals the thermal radiation given out by the planet.

d) when the thermal radiation given out by the planet equals the solar radiation absorbed by the Planet.

61. It is often true that as the economy begins to recover from a recession, the unemployment rate rises because:

a) as the economy initially recovers from a recession the demand for goods and services falls, so the demand for workers falls.

b) as the economy begins to recover from a recession, workers who were previously discouraged about their chances of finding a job begin to look for work again.

c) of the errors in the way the data is collected.

d) as the economy initially recovers from a recession, firms do not immediately increase the number of workers they hire. Firms wait to hire more individuals until they are convinced that the recovery is strong.

62. Water is heated in a kettle. The inside water is heated by convection. A person sitting near the fire receives heat by:

- a) Conduction
- b) Convection
- c) Radiation
- d) Reflection

63. Consider the following statements:

- 1) A person shall not be less than 25 years of age for himself/herself to contest for a seat in the Legislative Assembly
- 2) The term of the Legislative Assembly may be extended in case of a proclamation of Emergency by the President.
- 3) A person must be an elector for any Legislative Assembly Constituency in a State to be eligible to get elected for a seat in the Legislative Assembly of that State.
- 4) The number of members of the Legislative Assembly shall not exceed 545.

Which of the statements given above is/are correct?

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

64. Who was the first propounder of the doctrine of "passive resistance"?

- a) BG Tilak b) Aurobindo Ghosh
c) Bipin Chandra pal d) M K Gandhi

65. EL-NINO is a significant warming of Pacific Ocean in the area of equator and extending north & south & west across the Oceans, resulting in a radical redistribution of lower food chain supplies & wreaking havoc in many climates around the world.

The changes have caused starvation and death of animals that relied on the relocated food chains and were unable to pursue them. Which of the following animal species suffered decline in proportion due to above phenomena?

- a) Whales b) Birds
c) Seals d) All of the above

66. Consider following statements with regards Tiger Census:

- 1) Tiger census is conducted every five years.
- 2) Tiger census is solely done by Wild life Institute of India, with the help of State forest departments.
- 3) As per the tiger census rules, the forest officials are prohibited from using public and NGOs in the tiger counting work.

Which of the above statement(s) is/are correct?

- a) 1 only b) 2 and 3
c) 1 and 3 d) None of the above

67. The following are some important sources of tax revenue for the Union Government in India

- 1) Corporation tax
- 2) Customs
- 3) Union excise duties
- 4) Service tax

Arrange the aforesaid sources of revenue in ascending order as per the Budget Estimates for 2013-14.

- a) 1-2-3-4 b) 1-2-4-3
c) 2-1-3-4 d) 4-3-2-1

68. What is the principle behind the functioning of quartz watches?

- 1) Oscillation at a fixed frequency
- 2) 'piezoelectric' material properties make it work
- 3) Newton's 2nd law of motion.

Choose the correct answer from the codes given below:

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

69. Consider the following statements:

- 1) Ordinance - Making Power of the Governor is not a discretionary power. It must be exercised with the aid and advice of the Council of Ministers, headed by the Chief Minister.
- 2) The Ordinance - making power of the Governor is limited only to List II (State subjects) of Schedule VII
- 3) The Governor is not competent to withdraw an ordinance at any time.
- 4) Whereas Article 123 talks about the Ordinance - making powers of the President, Article 213 lays down the Ordinance - making powers of the Governor.

Which of the above statements is/are correct?

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

70. Consider the following statements related to the Mansabdari system of the Mughals

- 1) Akbar introduced the Mansabdari system.
- 2) Mansabdars were ranked according to the number of Zats and Sawars they had.
- 3) Mansabdars were military officers only.

Which of the above statements are correct?

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

71. Consider the following statements:

- 1) Continental sub-polar climate exhibits cold weather over continents of southern hemisphere.
- 2) Mediterranean sea is the zone of temperate cyclone during winter.

Which of the above statement(s) is/are correct?

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

72. Consider the following statements:

- 1) The flow of energy in a food chain is unidirectional
- 2) The amount of energy present in a food chain is minimum at the producer level, and it goes on increasing as we move away from the producers.

Which of the above statements is/are correct?

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

73. Match List - I with the List - II and select the correct answer from the codes given below:

List - I

- A) Rajiv Gandhi Udyami Mitra Yojana
- B) Credit Guarantee Fund Trust of Medium and Small Enterprises
- C) National Manufacturing Competitiveness Programme
- D) National Competition Commission of India

List - II

- 1) Jointly set up by Government of India and SIDBI
- 2) Lean Manufacturing

3) Control of Cartels

4) Promotion of first generate entrepreneurs

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

74. What is the correct chronological sequence of the following events?

- 1) Guru-ka-Bagh agitation
- 2) Vaikom Satyagraha
- 3) Kakori case
- 4) Nehru Report

Select the correct answer by using the codes given below:

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

75. Consider the following statements:

- 1) The Election Commission can review a poll result if a petition is filed before it challenging the result.
- 2) The Election result of a candidate to either the Lok Sabha or the State Legislative Assembly can be reviewed only by the Constitutional Courts on grounds of electoral malpractice.
- 3) The High Courts and the Supreme Court can entertain petitions with respect to disputes involving the elections of the President and the Vice - President.

Which of the above statements is/are correct?

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

76. Consider the following pairs:

News Paper Person associated

- 1) Indian Mirror - Dadabhai Naoroji
- 2) Swadesamitran - G. Subramaniya Iyer
- 3) Sudhakar - G. K. Gokhale

Which of the above pairs is/are correctly matched?

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

77. What is true about Westerlies?

- 1) They blow as south westerlies in Northern Hemisphere.
- 2) Westerlies blow with much greater force and throughout the year in southern hemisphere.
- 3) They bring much precipitation to the western coast of continents.
- 4) the blow of westerlies is determined by pressure belts.

Choose the correct answer from the codes given below:

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

78. The three primary soil macronutrients are

- a) carbon, oxygen, and water
- b) copper, cadmium, and carbon
- c) potassium, phosphorus, and nitrogen
- d) boron, zinc, and manganese

79. Match List - I with List - II and select the correct answer from the codes given below:

List - I (State) List - II (Minorities)

- | | |
|--------------|---------------|
| A) Myanmar | 1) Hindus |
| B) Malaysia | 2) Rohingas |
| C) Indonesia | 3) Tamils |
| D) Laos | 4) Vietnamese |

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

80. What is the advantage of using microwaves instead of radio waves in communication systems?

- a) Microwaves travel faster.
- b) Microwaves require more energy to be generated
- c) Signal booster or repeater stations are not required
- d) Smaller antennae can be used for signal reception

81. Consider the following statements:

- 1) The Constitution provides for carrying on the administration of a State in case of a failure of the Constitutional machinery.
- 2) The duration of proclamation of President's Rule in a State on grounds of breakdown of Constitutional machinery shall ordinarily be for one month.
- 3) President's rule in a State, imposed under Article 356, can be extended for a maximum periods of three years with the approval of Parliament every six months.

Which of the above statements is/are correct?

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

82. Who among the following were prominent members of the Nirguna cult of Bhakti marg?

- 1) Kabir 2) Nanak
- 3) Raidas 4) Meera

Select the correct answer using the codes give below:

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

83. Rank the States in descending order of their size of State Domestic Product at current prices in the recent years:

- 1) Karnataka 2) Maharashtra
 - 3) Uttar Pradesh 4) Tamil Nadu
- a) 1, 4, 3 and 2 b) 3, 4, 1 and 2
c) 2, 4, 1 and 3 d) 2, 3, 4 and 1

84. Consider the following statements:

- 1) There is wide/huge shift of ITCZ in Eastern Hemisphere than western hemi-sphere.
 - 2) Frontogenesis takes place along the ITCZ trough.
 - 3) Convergence of trade winds takes place along the ITCZ
 - 4) The Rossby waves are curved along ITCZ.
- Which of the above statements are correct about ITCZ?

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

85. Match List I with List II & select the correct answer using the codes given below the lists

List I

A) Double burial

B) Fire altars

C) Workmen's Quarters

D) Bead Making

List II

1) Chanhudaro

2) Kalibanga

3) Lothal

4) Banwali

5) Harrappa

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

86. Which of the following are causes for the formation of hot deserts in tropical and sub-tropical areas?

1) Cold current along the coast.

2) Warm current along the coast.

3) Off-coast trade winds.

4) Low pressure Belts over hot deserts.

Choose the correct answer from the codes given below:

a) 1 and 3

b) 2 and 3

c) 1, 2 and 3

d) 1, 2, 3 and 4

87. Why is GDP deflator better than Consumer Price Index?

a) Changes in consumption patterns or introduction of new goods and services are automatically reflected in the deflator.

b) Changes in consumption patterns or introduction of new goods and services are not reflected in the deflator.

c) GDP deflator is close to Wholesale Price Index (WPI).

d) None of the above

88. Consider the following:

1) Photosynthesis

2) Respiration

3) Decay of organic matter

4) Volcanic action

Which of the above add carbon dioxide to the carbon cycle on Earth?

a) 1 and 4

b) 2 and 3

c) 2, 3 and 4

d) 1, 2, 3 and 4

89. Arrange the following continents from high to low with regards exports from India:

1) Asia

2) Africa

3) America

4) Europe

a) 1>3>4>2

b) 1>4>2>3

c) 1>4>3>2

d) 1>2>4>3

90. Consider the following statements:

1) Extra-continental temperature and pressure conditions modify the monsoon.

2) Andaman and Nicobar Islands experience winter monsoon.

Which of the above statement(s) is/are correct?

a) Only 1

b) only 2

c) Both 1 and 2

d) Neither 1 nor 2

91. Consider the following statements regarding Savanna type region:

1) It is located between 50 - 200 latitude on either side of the equator.

2) The annual range of temperature in this region is more than what it is in the equatorial climate.

3) It's biome is dominated by grasses.

Which of the above statements are correct?

a) 1 and 3

b) 1 and 2

c) 1, 2 and 3

d) 2 and 3

92. Match List I with List II & select the correct answer using the codes given below the lists:

List - I

A. Visakhadatta

B. Varahamihira

C. Charaka

D. Brahmagupta

List - II

1) Medicine

2) Drama

3) Astronomy

4) Mathematics

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

- 93. Consider the following characteristics of vegetation:**
 1) Climbing plants 2) Buttress roots
 3) Sparse undergrowth
 Which of the following region has the above vegetation?
 a) Monsoon forests
 b) savanna grasslands
 c) Tropical rain forests
 d) temperate evergreen forests
- 94. Which of the following have been important in growth of rice and wheat output in India after initiating the Green Revolution Programme?**
 1) Changes in cropping pattern
 2) Improved yields
 3) Crop insurance
 4) Increased utilisation of fertilizers
 a) 2, 3 and 4 b) 1, 2 and 4
 c) 1, 2 and 3 d) 1, 2, 3, and 4
- 95. Consider the following statements and mark the option which is/are correct.**
 1) Rice Husk has been found from Lothal & Rangpur.
 2) Evidence of signage on wall has been discovered from Dholavira.
 3) A thirteen roomed house from the overlap period has been discovered from Bhagvanpura.
 4) The steatite figure of a bearded man has been recovered from Mohenjodaro.
 a) 1 and 4 b) 2 and 3
 c) 2, 3 and 4 d) 1, 2, 3 and 4
- 96. Select the correct one(s) from the given list of statements:**
 1) 'Mergers' of companies are an outcome of mutual agreement while takeovers are hostile moves.
 2) In a conglomerate, one company owns a controlling stake in a number of smaller companies, which conduct business separately.
 a) 1 only b) 2 only
 c) Both 1 and 2 d) Neither 1 nor 2
- 97. Consider the following statements:**
 1) The 11th Schedule of the Constitution of India distributes powers between the state Legislature and the Panchayats.
 2) The 11th Schedule contains 29 items.
 Which of the above statement(s) is/are correct?
 a) 1 only b) 2 only
 c) Both 1 and 2 d) Neither 1 nor 2
- 98. Consider the following statements:**
 1) Article 243D provides that seats are to be reserved for Scheduled Castes and Scheduled Tribes for local body elections.
 2) Not less than 1/3rd of the total number of seats to be filled by direct elections in every Panchayat shall be reserved for women.
 3) The Panchayats cannot be dissolved before the expiry of their term, i.e., 5 years.
 4) A Panchayat reconstituted after premature dissolution (i.e., before the expiry of the full period of five years) shall have a full five year term.
 Which of the above statements is/are correct?
 a) 1 and 2 b) 1 and 3
 c) 2 and 3 d) 2 and 4
- 99. Consider the following statements relating to gross investment in the national income accounts:**
 1) It includes the items relating to residential and non-residential construction.
 2) It takes care of spending on producers' durable goods.
 3) It includes changes in business inventories.
 Which of the above statements are correct?
 a) 1 and 2 b) 2 and 3
 c) 1 and 3 d) 1, 2 and 3
- 100. Deficiency of which of the following elements is responsible for weakening of bones?**
 1) Calcium 2) Phosphorus
 3) Nitrogen 4) Carbon
 Select the correct answer from the code given below:
 a) 1 and 2 b) 1 only
 c) 1, 2 and 3 d) 4 only