

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

Serial No. :

10808

Question Booklet Series :

A

Entrance Examination - 2022

Time allowed: Two Hours and Thirty Minutes (10:30 a.m. to 1:00 p.m.)

Maximum Marks: 300

INSTRUCTIONS TO THE CANDIDATE

1. Immediately after the commencement of the examination, check this booklet for any unprinted or torn or missing pages or questions. If so, get it replaced with another booklet.
2. Encode clearly the Question booklet series A,B,C or D in the appropriate place in the OMR answer sheet with Blue or Black ball point pen only. (No gel pen should be used)
3. The Question booklet contains hundred and fifty questions. Each question comprises four answers (responses). Select the correct answer (response), and shade on the OMR answer sheet in the appropriate place.
4. The answer (response) must be shaded **ONLY** on the OMR answer sheet provided.
5. All questions carry equal marks.
6. After you have shaded all your answers (responses) on the OMR answer sheet submit the same to the Invigilator.
7. You are permitted to take only the question booklet with you.
8. Sheet for rough work is appended in the question booklet at the end.

SEAL

1. When n is divided by 4, the remainder is 3. What is the remainder when $2n$ is divided by 4?
 - a. 1
 - b. 2
 - c. 3
 - d. 6
2. A group of 1200 persons consisting of captains and soldiers is travelling in a train. If for every 15 soldiers there is one captain, then the number of captains in the group is
 - a. 70
 - b. 75
 - c. 80
 - d. 82
3. The average age of a husband and his wife was 23 years at the time of their marriage. After five years they have a one-year old child. The average age of the family now is
 - a. 19 years
 - b. 23 years
 - c. 28.5 years
 - d. 29.3 years
4. Out of six consecutive natural numbers if the sum of first three is 27, what is the sum of the other three?
 - a. 24
 - b. 25
 - c. 35
 - d. 36
5. The sum of the ages of 5 children born at the intervals of 3 years each is 50 years. What is the age of the youngest child?
 - a. 4 years
 - b. 6 years
 - c. 8 years
 - d. 10 years
6. Two successive price increases of 10% each on an article are equivalent to a single price increase of
 - a. 19%
 - b. 20%
 - c. 21%
 - d. 22%
7. A man bought apples at the rate of 8 for ₹ 34 and sold them at the rate of 12 for ₹ 57. How many apples should be sold to earn a net profit of ₹ 45?
 - a. 90
 - b. 100
 - c. 135
 - d. 150
8. The ratio of milk to water in 80 litres of a mixture is 7 : 3. The water (in litres) to be added to it to make the ratio 2 : 1 is
 - a. 4
 - b. 5
 - c. 6
 - d. 8
9. A train which is moving at an average speed of 40km/h reaches its destination on time. When its average speed reduces to 35 km/h, then it reaches its destination 15 minutes late. The distance travelled by the train, is
 - a. 70km
 - b. 80km
 - c. 40km
 - d. 30km

10. A sum becomes its double in 10 years. Find the annual rate of simple interest.

- a. 8% b. 5% c. 10% d. 20%

11. If a rock is brought from the surface of the moon to the earth, then

- a. its mass will change. b. its weight will change but not its mass.
c. both mass and weight will change. d. both mass and weight will remain the same.

12. Consider the following statements and select the correct code:

Assertion (A) : A piece of ice added to the drink cools it.

Reason (R): Ice takes latent heat from the drink for melting resulting in the cooling of the drink.

Codes:

- a. Both A and R are true, and R is the correct explanation of A.
b. Both A and R are 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.

13. Consider the following statements:

1. A flute of smaller length produces waves of lower frequency.
2. Sound travels in rocks in the form of longitudinal elastic waves only.

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

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

14. Match the following

Column I

- (A) Radioactivity
(B) Photoelectric effect
(C) Nuclear fusion
(D) Nuclear fission

Column II

- (p) Emission of electrons from metals
(q) Atom bomb
(r) Spontaneous emission of radiations
(s) Hydrogen bomb

- a. A - (p); B - (r); C - (q); D - (s) b. A - (q); B - (p); C - (r); D - (s)
c. A - (s); B - (r); C - (q); D - (p) d. A - (r); B - (p); C - (s); D - (q)

15. A man is standing on a boat in still water. If he walks towards the shore, the boat will

- a. move towards the shore b. move away from the shore
c. remain stationary d. sink

16. Consider the following statements and select the correct code.

Assertion (A) : A chemical reaction becomes faster at higher temperature.

Reason (R) : At higher temperature, molecular motion becomes more rapid.

Codes:

- a. Both A and R are true and R is the correct explanation of A.
- b. Both A and R are true, but R is not correct explanation of A.
- c. A is true, but R is false.
- d. A is false, but R is true.

17. Living in the atmosphere of CO is dangerous because it

- a. Reduces organic matter of tissues
- b. Dries up the blood
- c. Combined with O_2 present inside to form CO_2
- d. Combines with haemoglobin and makes it incapable of absorbing oxygen

18. The pH of water at $25^\circ C$ is 7. When it is heated to $100^\circ C$, the pH of water

- a. Increases
- b. Decreases
- c. Remains same
- d. Decreases up to $50^\circ C$ and then increases

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

List-I	
(Compound)	(Use)
A. Cellulose nitrate	
B. Potassium sulphate	
C. Potassium salt of fatty acids	
D. Calcium oxide	

- List-II**
- 1. Soft soap
 - 2. Gun powder
 - 3. Fertilizer of fatty acids
 - 4. Glass

Codes:

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

20. Which one of the following pairs is mis-matched

- a. Fossil fuel burning - release of CO_2
- b. Nuclear power - radioactive wastes
- c. Solar energy - Greenhouse effect
- d. Biomass burning - release of CO_2

21. Consider the following statements:

Assertion (A): Human diet should compulsorily contain glycine, serine and tyrosine.

Reason (R): Essential amino acids can't be synthesized in the human body.

Codes:

- a. A and R are true and R is the correct explanation of A.
- b. A and R are 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

22. Oxygen transportation in a human body takes place through

1. Blood 2. Lungs 3. Tissue

The correct sequence of transportation is

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

23. Match the hormones in List-I with items in List-II and select the correct answer from the codes given below:

List-I

List-II

- | | |
|---------------|---|
| A. Adrenaline | 1. Anger, fear, danger |
| B. Oestrogen | 2. Attracting partners of smell through sense |
| C. Insulin | 3. Females |
| D. Pheromones | 4. Glucose |

Codes:

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

24. Consider the following statements and select the correct answer from the codes given below:

Assertion (A): The person with diabetes insipidus feels thirsty.

Reason (R): A person with diabetes insipidus suffers from low secretion of vasopressin.

Codes:

- a. Both A and R are true and R is the correct explanation of A.
- b. Both A and R are 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.

25. Which of the following is a correct statement about nitrogen fixation?

- a. Plants convert atmospheric nitrogen to ammonia.
- b. Ammonia is converted to N_2 , which is the form of nitrogen most easily absorbed by plants.
- c. Mutant strains of rhizobium are able to secrete excess protein into the soil.
- d. The enzyme nitrogenase reduces N_2 to form ammonia.

26. With reference to 'India's Ballistic Missile Defence Shield (BMD)', consider the following statements
1. It is an indigenously developed interceptor missile system
 2. The BMD is being developed by the DRDO
- Which of the following statements given above are correct
- a. 1 only b. 2 only c. both 1 and 2 d. none of these
27. Consider the following respiratory pigments :
- | | |
|-------------------|---------------------|
| (1) Haemoglobin | (2) Haemocyanin |
| (3) Haemoerythrin | (4) Haemocynoglobin |
- Iron is contained in :
- a. 1, 2, 3 and 4 b. 1 and 3 c. 1 and 2 d. 1, 2 and 4
28. Vivipary in plants means
- a. germination of seeds in the crevices of stem where some soil is deposited
 - b. development of pea nut fruits after the fertilization
 - c. organization of several shoots
 - d. germination of seeds inside the fruit while it is still on the plant parent tree
29. The pH of water sample collected from a river was found to be acidic in the range of 3.5 – 4.5, on the banks of the river were several factories that were discharging effluents into the river. The effluents of which one of the following factories is the most likely cause for lowering the pH of river water?
- | | |
|--------------------------------------|---------------------------------------|
| a. Soap and detergent factory | b. Lead battery manufacturing factory |
| c. Plastic cup manufacturing factory | d. Alcohol distillery |
30. Choose the forms in which most plants absorb nitrogen
- | | |
|--------------|----------------------------|
| (i) Proteins | (ii) Nitrates and Nitrites |
| (iii) Urea | (iv) Atmospheric nitrogen |
- a. (i) and (ii) b. (ii) and (iii) c. (iii) and (iv) d. (i) and (iv)
31. Biodiversity forms the basis for human existence in the following ways:
- | | |
|-----------------------|-------------------------------|
| 1. Soil formation | 2. Prevention of soil erosion |
| 3. Recycling of waste | 4. Pollination of crops |
- Select the correct answer using the codes given below:
- a. 1, 2 and 3 only b. 2, 3 and 4 only c. 1 and 4 only d. 1, 2, 3 and 4

32. Consider the following statements:

Assertion (A): Organic farming reduces the emission of greenhouse gases.

Reason (R): Organic farming utilizes alternate practices.

Select the correct answer from the codes given below:

Codes:

- a. Both A and R are true and R is the correct explanation of A.
- b. Both A and R are 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.

33. With reference to the wetland of India, consider the following statements:

- 1. The country's total geographical area under the category of wetlands is recorded more in Gujarat as compared to other states.
- 2. In India, the total geographical area of coastal wetlands is larger than that of inland wetlands.

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

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

List-I

(Biosphere Reserve)

A. Dehang-Debang

B. Manas

C. Nokrek

D. Similipal

List-II

(State)

1. Odisha

2. Meghalaya

3. Assam

4. Arunachal Pradesh

Codes:

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

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

List-I

A. Biodiversity

B. Wildlife

C. Ecosystem

D. Ecology

List-II

1. G. Tansley

2. E.O. Wilson

3. E. Haeckel

4. W.T. Hornaday

Codes:

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

36. The concept of biodiversity hotspots is given by :
- F.P. Odum
 - Norman Myers
 - James Lovelock
 - Rachel Carson
37. On a winter day, most automobiles keep the passengers warm by using heat generated by the engine. This use of the heat by-product from a gas engine is an example of :
- non-fossil-fuel energy
 - co-generation
 - nuclear power
 - a sustainable source of energy
38. Walking along a large city park on a hot summer day, you look for a cool resting place and sit down on a large rock under a tree, at the quiet edge of a stream. You have searched for and found an example of a :
- microclimate
 - biome
 - landscape
 - population
39. **Assertion (A)** Tropical Rainforest is disappearing in developing countries.
Reason (R) The value of this forest is not much because the biodiversity is poor.
- (A) is correct and (R) is correct reason
 - (A) is correct and (R) is incorrect
 - (A) is wrong and (R) is correct
 - Both (A) and (R) are incorrect
40. Identify the lentic ecosystem
- Pond
 - Stream
 - River
 - Spring
41. Species which is small in number but which has great influence on ecosystem and determine its properties are called
- Alien species
 - Sacred species
 - Keystone species
 - Biological species
42. Identify the correctly matched pair
- Arsenic - i) Minamata disease
 - Nitrate - ii) Foot and mouth disease
 - Mercury - iii) Blue baby syndrome
 - Cadmium - iv) Itai Itai disease
43. Crop residue allowed to decay and decompose in farmland is called
- Mulching
 - Strip cropping
 - Contour farming
 - Terracing
44. Which of the following is a Tiger Reserve
- Kanha National park
 - Dachigam National Park
 - Kaziranga National Park
 - Bannerghatta National Park

45. Meuse Valley incident occurred in Belgium is due to
- Air pollution
 - Water pollution
 - Radioactive pollution
 - Noise pollution
46. **Assertion (A)** Plants growing in Mangroves experience high osmotic pressure.
Reason (R) They accumulate electrolytes in the vacuoles to absorb water
- (A) is correct and (R) is correct reason
 - (A) is correct and (R) is incorrect
 - (A) is wrong and (R) is correct
 - Both (A) and (R) are incorrect
47. One of the ingredient of Low density polyethylene bag is
- Starch
 - Lignin
 - Suberin
 - Iodine
48. The pollutant responsible for the Biomagnification is
- Carbon-di-oxide
 - Mercury
 - Methane
 - Nitrogen
49. In a forest ecosystem the humus is formed in
- O horizon
 - A horizon
 - B horizon
 - C horizon
50. Exploring molecular, genetic and species level diversity for products of economic importance is called
- Biofortification
 - Biomagnifications
 - Bioinformatics
 - Bioprospecting
51. Which of the following best describes 'MITRA SHAKTI'?
- It is a bilateral army exercise between India and Nepal.
 - It is a trilateral naval exercise between India, Mauritius and Seychelles.
 - It is a trilateral army exercise between India, Sri Lanka and Seychelles.
 - It is a bilateral army exercise between India and Sri Lanka.
52. Consider the following statements:
- Hypersonic speeds are 5 or more times the Mach speed.
 - Mach number describes an aircraft's speed compared with the speed of sound in air.
- Which of the statements given above is/are correct ?
- 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2

53. Consider the following statements:

1. The Global Hunger Report was released by the United Nations and Welthungerhilfe.
2. The Global Hunger Index scores are based on four components.

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

54. **Statement 1:** Government of India launched Jal Shakti Abhiyan (JSA) in 2019, intended to improve water availability including groundwater conditions in the water stressed blocks of 256 districts in India

Statement 2: Atal Bhujal Yojana (ABHY) scheme is co-funded by Asian development bank funding, for sustainable management of ground water with community participation is being taken up in the identified overexploited and water stressed areas

Which one of the following is correct in respect of the above statements?

- a. Both Statement 1 and Statement 2 are correct
- b. Both Statement 1 and Statement 2 are incorrect
- c. Statement 1 is correct but Statement 2 is not correct.
- d. Statement 1 is not correct but Statement 2 is correct.

55. Consider the following statements with reference to the recent news on SAFAR?

- 1) It is a national initiative introduced by the collaboration of Ministry of Environment and Forests and Department of Science and Technology to measure the air quality of a metropolitan city.
- 2) Pollutants monitored are PM2.5, PM10, Ozone, Carbon Monoxide (CO), Nitrogen Oxides (NO_x), Sulfur Dioxide (SO₂), Benzene, Toluene, Xylene, and Mercury

Which of the statements given above is / are incorrect?

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

56. With reference to Ecotone, consider the following statements:

- 1) Ecotone is a transition area between two biological communities, where two communities meet and integrate. and it is zone of gradual blending of the two communities across a border area.
- 2) Ecocline is a zone where there is no sharp boundary between the two ecosystem and it is a zone of tension.
- 3) Ecotone may be narrow between forest and desert.
- 4) Well-developed ecotone contains some organisms which are entirely different from that of adjoining communities.

Which of the statements given above is / are incorrect?

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

57. Which of the following statement are correct regarding characteristic of ecological succession
- 1) Increased productivity, Gradual increase in the complexity of food webs.
 - 2) The shift of nutrients from the reservoirs.
 - 3) Succession would occur slower in area existing in the middle of the large continent.
 - 4) Autogenic succession is driven by the abiotic components of an ecosystem.

Answer:

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

58. Consider the following statements on humus.

- 1) Colloidal in nature.
- 2) Serves as a reservoir of nutrients.
- 3) It is highly resistant to microbial action and undergoes decomposition at an extremely slow rate.
- 4) Fungi, Bacteria and Virus plays great role in decomposing humus and organic residues

Which of the statements given above is / are correct?

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

59. Consider the following statements regarding National parks in India

- 1) Andaman Nicobar have highest number of National parks in India followed by Madhya Pradesh and Assam
- 2) Raimona National park, Manas National park, Nameri National park, all are located in Assam

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

60. Which of the following are comes under ex-situ conservation?

- 1) Seed banks.
- 2) National parks.
- 3) Botanical garden.
- 4) Gene bank.
- 5) Wildlife safari parks

Which of the statements given above is / are correct?

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

61. Consider the following statements

1. The provision of a "vote-on-account" is used by a regular Government
2. A "vote-on-account" is like a blank cheque given to the Executive by the Lok Sabha

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

62. The Parliament of India acquires the power to legislate on any item in the State List in the national interest if a Rajya Sabha passes resolution, consider the statements
1. Lok Sabha by a simple majority of its total membership
 2. This resolution remains in the force for a period of one year
 3. This provision restrict the power of state legislature to make the laws on the same matter for a period of one year
 4. Rajya Sabha by a majority of not less than two-thirds of its members present and voting
- Which of the statement given above is / are correct?

- | | |
|-----------------|-------------------|
| a. 2 and 4 only | b. 2,3 and 4 only |
| c. Both 1 & 4 | d. 1,2,3 and 4 |

63. The selection and recruitment for civil servants was opened to the Indians is provided in the

- | | |
|----------------------------------|---------------------|
| a. Indian councils act, 1861 | b. Charter act 1833 |
| c. Government of India Act, 1858 | d. Charter act 1853 |

64. The features of India parliamentary systems are
1. Collective responsibility of the executive to the legislature
 2. Sovereign parliament
 3. Dissolution of the parliament
 4. Presence of nominal and real executives

Which of the statements given above is / are correct?

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

65. Which of the following are the features of preamble of the Indian Constitution.

1. Preamble is the source of power to the legislature
2. Non justiciable
3. The basic elements of the constitution as contained in the preamble can be amended through Article 368
4. It is not integral part of constitution as per LIC India case

Which of the statements given above is / are incorrect?

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

66. With reference to 'voting in India' which of the following statements is/are correct:

1. In India, Voting can be done in three ways: in person, through posts and through a proxy.
2. Voting through post and proxy are only allowed to NRIs.
3. Lok Sabha recently passed Representation of the People (Amendment) Bill, 2017 to provide for online voting facility to NRIs.

Select the correct Answer using the codes given below:

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

67. Consider the following statements about 'National Commission on Backward Classes (NCBC)':

1. It is a constitutional body.
2. It has the power to examine complaints regarding inclusion or exclusion of groups within the list of backward classes, and advise the central government in this regard.

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

68. Consider the following statements about 'The Representation of the People Act, 1950':

1. It provides for allocation of seats and delimitation of constituencies for elections, qualifications of voters, and preparation of electoral rolls.
2. The Act provides for the conduct of elections and offences and disputes related to elections.

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

69. Consider the following statements about 'Swachh Bharat Mission- Gramin':

1. It is being implemented by Ministry of Drinking Water and Sanitation.
2. It mainly focuses on ensuring the use of toilets, besides their construction.

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

70. Which of the following does tantamount to Sedition?

- a. Political dissent
- b. Right to offend
- c. Expressing different or conflicting ideas of Indian nation
- d. Threatening the security of State or of public.

71. Which of the following is/are a constitutional body?

- | | |
|-------------------------------------|-----------------------------------|
| 1) National Human Right Commission. | 2) Central Information Commission |
| 3) Union Public Service Commission | 4) Finance Commission |

Choose using the correct code:

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

72. Consider the following statements about a new initiative Legal Information Management and Briefing System (LIMBS):

1. It is an initiative of the Ministry of Information and Broadcasting.
2. It will help in reducing government litigation and making government litigation more efficient.

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

73. Which one of the following directives principles are based on liberal Intellectual Principles?
- Separation of Judiciary from the executive in the public services of the state
 - Promotion of cottage industries in rural areas.
 - Raising the level of nutrition and standard of living of people and to improve public health.
 - Organization of village Panchayats and enable them to function as units of self-government.
74. 'Memorandum of Procedure' often seen in the news is related to
- Foreign Direct Investment
 - Judicial appointment
 - Lateral entry into civil services
 - Institute of Eminence
75. Which committee of parliament considers and advises on matters concerning the affairs of the house, which do not fall within the jurisdiction of any other parliamentary committee.
- General Purpose Committee
 - Rules Committee of Lok Sabha
 - Business Advisory Committee
 - Committee on Subordinate legislation
76. Consider the following about the cVIGIL:
- A mobile application launched by central vigilance commission to prevent corruption in government offices.
 - The complainer will receive the details action taken by authorities within 100 minutes.
- Which of the above statements is/are correct?
- 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2
77. Consider the following statements:
- The Citizenship Rules, 2003 prescribe the manner of preparation of the National Register of Citizens.
 - The National Register of Citizens will include persons whose names appear in the electoral rolls up to the midnight of 24th March 1971.
- Which of the statements given above is/are correct?
- 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2
78. With reference to the provisions of 'no-confidence motion' consider the following statements:
- The motion needs the support of one-third members to be admitted in the lower house.
 - It need not state the reasons for its adoption in the Lok Sabha.
 - It can be moved against an individual minister or a group of ministers or the entire council of ministers.
- Which of the statements given above is/are incorrect?
- 1 only
 - 1 and 3 only
 - 2 only
 - 1, 2 and 3

79. Consider the following statements:

1. Indian Constitution does not have any provision for categorization of any state as a Special Category Status State.
2. For special category status states, the Centre pays 90 percent of the funds required in a centrally-sponsored scheme as against 60 percent in case of normal category states.
3. Low population density or the presence of a sizeable tribal population is one of the features required to get Special Category Status.

Which of the statements given above is/are correct?

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

80. Consider the following statements about the International Centre for Alternative Dispute Resolution:

1. It is an autonomous organization under the aegis of Supreme Court of India.
2. The Chief Justice of India is the ex-officio chairperson of the body.

Which of the above statements is/are correct:

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

81. Select the correct statements related to the new System of National Accounts to which India shifted recently—using the code given below:

1. Now, India accounts its national income at 'market price'.
2. Growth rate of the economy is now measured by 'GDP at constant market price'.
3. 'Product taxes' added to the 'gross value added' is the 'market price'.
4. 'Product taxes' are ultimately paid by the consumers of goods and services.

Code:

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

82. The *EASE-Index* was recently in news—select the correct statement/s about it using the code given below:

1. It is a way to measure the performance of the public sector banks.
2. It measures the ease of doing business for MSMEs in India.

Code:

- a. Only 1 b. Only 2 c. 1 and 2 d. Neither 1 nor 2

83. Consider the following statements about the idea of 'inclusive growth'.

1. The idea of 'inclusive growth' entered into the domain of planning with the Eleventh Plan.
2. This is not only about economics but also about 'social' inclusion.
3. The main idea behind inclusive growth is to include SCs, STs, OBCs, minorities and women in the country's development process.
4. The 3rd Generation of Economic Reforms runs parallel to the idea of inclusive growth.

Select the correct statements using the code given below:

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

84. Consider the following statements about 'effective revenue deficit':

1. "Effective revenue deficit is a Western idea of public finance management, which India used it for the first time in the Union Budget 2011-12.
2. It is a modified kind of revenue deficit which excludes that part of revenue deficit by which assets have been created.

Select the correct statements using the code given below:

- a. Only 1 b. Only 2 c. 1 and 2 d. Neither 1 nor 2

85. Arrange the following according to their increasing order of 'liquidity', using the code given below:

1. Saving deposits with the banks
2. Currency and coins with the public
3. Demand deposits with the banks
4. Term deposits with the banks

Code:

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

86. Consider the following statements.

1. Bond holders and depositors both suffer due to increased inflation.
2. RBI's profits out of its investments in the Treasury Bills fall due to increased inflation.
3. Bond holders' income increases with increased inflation in case of an inflation indexed bond.
4. Cost of governments' market borrowings increases in deflationary situation.

Which of the above statements are correct?

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

87. Consider the following statements regarding the Regional Rural Banks (RRBs) in India.

1. The share capital of the RRBs is sponsored by the GoI, RBI and the Scheduled Commercial Banks in the ratio of 50 percent, 35 percent and 15 percent.
2. Its main objective is to enlarge institutional credit for the rural and agriculture sector.
3. RRBs are being restructured by the GoI under the recommendations of the Vyas Committee.
4. Appointments to the RRB's are done by the sponsoring Scheduled Commercial Banks which falls outside the domain of the IBPS recruitment process.

Which of the above statements about RRBs are correct?

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

88. Consider the following statements.

1. Governments cost of loan repayment is minimum once the inflation is maximum.
2. Tax collections of governments increase with increased inflation.
3. Seignorage is a double-edged technique to increase governments' income.

Select the correct statements using the code below.

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

89. Consider the following statements about the idea of 'micro-finance' in India.
1. Micro-finance is a small-scale financial intermediation, inclusive of savings, credit, insurance, business services and technical support provided to the needy borrower.
 2. The thrust of the micro finance initiative is to channelize production and consumption credit in multiple doses based on the absorption capacity of the prospective borrower.
 3. It has evolved through following different models at different times—a 'charity based model' to a 'thrift-based model' and finally to the 'trust and creditworthiness model'.
 4. It was in Australia where the link between microfinance institutions and the formal financial institutions evolved.

Select the correct statements using the code below.

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

90. Which among the following is/are not counted as 'public expenditure'.

1. Expenditure categorised as 'consumption'.
2. Expenditure known as 'investment' and 'capital creation'
3. Expenditure in 'running the government'.
4. Expenditure in forwarding 'external grants'.

Select the correct answer using the code given below:

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

91. Consider the following statements.

1. 'Liquidity trap' is a situation when people prefer to hold money rather than investing it.
2. 'Liquidity preference' is the situation when people prefer to invest money rather than hold it.
3. 'Liquidity crunch' is a situation of short-supply of money in the Money Market.
4. 'Credit crunch' is a situation of short-supply of money in the loan market.

Select the correct statements using the code given below

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

92. Which of the following will be the outcome once an economy is under an inflationary pressure?

1. Domestic currency heads for depreciation
2. Exports become less competitive with imports getting costlier
3. Cost of borrowing decreases
4. Bond-holders get benefitted

Select the answer using the code given below:

- a. 1 and 2 b. Only 2 c. 1 and 3 d. Only 3

93. For which of the following purposes Indian currency is fully convertible? Select correct code:
1. Repatriation of remittances
 2. Interest payments of foreign loans
 3. Direct foreign investment
 4. Indirect foreign investment
 5. Trade

Code:

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

94. NITI Aayog has suggested a new method, the '*price deficiency payment*', for farmers which is consistent with India's agricultural obligations to the WTO.

Select the correct statements regarding it, using the code given below:

1. It suggests to pay a bonus price above the minimum support price (MSP) announced for a crop which will be not more than the market price of the crop.
2. It looks into the prices in the mandis regulated by the Agriculture Produce Market Committee (APMC) of the states.
3. Farmers to get a maximum payment of the difference between the MSP and market price of a crop.
4. The technology platform of direct benefit transfer (DBT) is to be used for the purpose.

Code:

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

95. Consider the following statements regarding depreciation.

1. Fixed assets losing monetary value over time.
2. Loss of value in a domestic currency in front of a foreign currency.
3. Fall in the monetary value of the equipments of a plant due to their use.
4. It does not happen in case of non-fixed assets.

Select the correct statements using the code given below:

Code:

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

96. If RBI cuts down the cash reserve ratio it will have the following impact on the economy.

1. Banks will have higher leverage to liquidity
2. Economy may see increased investment
3. Supply of currency in the economy may broaden
4. Real interest rates may decline

Select the answer using the code given below:

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

97. Consider the following statements in a situation when a currency goes for devaluation.

1. Fall in the value of currency vis-à-vis a foreign currency
2. Exports become less competitive
3. Trading partners see fall in their export
4. Imports become costlier

Select the correct statements using the code given below:

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

98. Consider the following statements about 'Sensex'.

1. Sensex is the representative share index of Indian stock market.
2. Its rise means an overall rise in prices of shares of a group of companies registered with Bombay Stock Exchange.
3. The shares which are kept in it are of the high net-worth companies.
4. It is a privilege to be in this 30-shares index.

Select the incorrect statement/statements using the code given below:

- a. Only 1 b. 1 and 2 c. Only 2 d. None of these

99. Which among the following policy decision/decisions a government should take to promote foreign investments in the economy?

1. Allowing full convertibility to its currency in current and capital accounts.
2. Reducing or withdrawing the 'withholding tax'.
3. Prohibitory laws for its nationals for overseas investments.

Select your answer using the code given below:

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

100. Consider the following statements about 'indicative planning'.

1. Dominance of imperative policies in the planning process.
2. Inclusion of incentives-based and co-ordinating policies.
3. Suitable for planned development of the state and mixed economies.
4. This kind of planning commenced in India with the economic reforms.

Select the incorrect statements using the code given below:

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

101. Which one of the following is not correctly matched?

- | | |
|---|---|
| a. Bhagat Singh: The Indian Sociologist | b. Sachindranath Sanyal: BandiJivan |
| c. Lala Ramsaran Das: The Dreamland | d. Bhagawati Charan Vohra: Philosophy of Bomb |

102. Match the following:

Publication Published from

A. Dhumketu

B. Navayuga

C. Socialist

D. Vanguard of Indian Independence

(i) Kolkata

(ii) Guntur

(iii) Mumbai

(iv) Berlin

Codes:

- | | A | B | C | D |
|----|-------|-------|-------|------|
| a. | (i) | (ii) | (iii) | (iv) |
| b. | (iv) | (iii) | (ii) | (i) |
| c. | (ii) | (i) | (iii) | (iv) |
| d. | (iii) | (ii) | (i) | (iv) |

103. Arrange the following commissions in a chronological order:

(i) Hunter Commission

(ii) Sadler Commission

(iii) Kothari Education Commission

(iv) Raleigh Commission

Select your answer from the code given below:

- a. (i),(ii),(iv),(iii) b. (ii), (iv), (i), (iii) c. (iv), (i), (iii), (ii) d. (i), (iv), (ii), (iii)

104. Arrange the following events in chronological order and select the correct codes given below:

(i) The Deccan Association

(ii) East Indian Association

(iii) Indian National Congress

(iv) India League

Codes:

- a. (ii), (i), (iv), (iii) b. (ii), (iv), (iii), (i)
c. (i), (iii), (ii), (iv) d. (i), (ii), (iv), (iii)

105. Consider the following events connected with Indian National Movement and find the correct chronological order of the events from the given below:

(i) Demise of B.G. Tilak

(ii) Passing of Rowlatt Bill as an Act

(iii) JallianwalaBagh Massacre

(iv) Amritsar Session of Indian National Congress, 1919

Their correct chronological sequence of these events is

Codes:

- a. (ii) (iii) (iv) (i) b. (iv) (iii) (ii) (i)
c. (iii) (iv) (ii) (i) d. (i) (ii) (iii) (iv)

106. Which of the following statements about Civil Disobedience Movement is/are not true?

- a. The Red Shirt volunteers, organised by Khan Abdul Ghaffar Khan followed in a nonviolent manner, an intense antigovernment movement including non-payment of taxes.
- b. Rani Gaidinliu of Nagaland at the age of 13, raised the banner of revolt and suffered 15 years of imprisonment.
- c. Due to the Civil Disobedience Movement, the Congress organisation was stronger in villages than in 1921–22.
- d. The business community supported the Government.

107. Find out the odd pair:

- a. BapujiAne—Dharasan Satyagraha
- b. Dr. Babasaheb Ambedkar— Mahad Satyagraha
- c. Senapati Bapat—Mulashi Satyagraha
- d. Sane Guruji—Pandharpur Satyagraha

108. Name the social reformer described in the following sentences:

- (i) He was the recipient of the American Unitarian Association Scholarship.
- (ii) He had been to England for two years for the comparative study of many religions.
- (iii) He attended the conference on religions at Amsterdam.
- (iv) He used to write for SubodhPatrika.

- a. Dr. Babasaheb Ambedkar
- b. Vitthal Ramji Shinde
- c. Bhaurao Patil
- d. Baburao Jedhe

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

- a. S.C. Bose: Indian Struggle
- b. Dadabhai Naoroji: Poverty and Un-British Rule in India
- c. Rajendra Prasad: India Divided
- d. Frank Moraes: Curzon to Nehru and After

110. Which of the following statement/ statements about the Boundry Commission Award is/are true?

- (i) Report of the Boundary Commission Award was ready by 12 th August 1947.
- (ii) Mountbatten decided to make it public after Independence Day, so that the responsibility would not fall on the British.

- a. Only I is true
- b. Only II is true
- c. I and II are true
- d. I and II are not true

111. Name the administrator of East India Company about whom the following sentences are written?

- (i) He was the Governor of Bombay.
- (ii) He had Worked as a Resident at Poona.
- (iii) He was Commissioner in the South.
- (iv) He Knew strong points and weaknesses of the Marathi speaking people.
- (v) As the Resident at Poona he had closely observed the Peshwa administration.

- a. Mount Stuart Elphinstone (1819-27)
- b. Charles Metcalf
- c. Thomas Munro
- d. Warren Hastings

112. Which of the following pairs is not correctly matched?

- a. Hector Munro-Battle of Buxar
- b. Lord Hastings-Anglo-Nepal War
- c. Lord Wellesely-Fourth Anglo Mysore War
- d. Lord Cornwallis-Third Anglo Maratha War

113. Given below are two statements one labelled as **Assertion (A)** and the other labelled as **Reason (R)**:

Assertion (A): It was the college of Fort William that made printing and publishing in the classical and vernacular languages possible in India on a large scale.

Reason (R): Like James Mill, Cornwallis distrusted oriental despotism and sought legal solutions to socio-cultural problems of India.

In the context of the above two statements which of the following is correct?

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

114. Given below are two statements, one labelled as **Assertion (A)** and the other labelled as **Reason (R)** and select the correct answer from the code given below:

Assertion (A): The introduction of English education broke the barrier which had hitherto effectively shut India from the western world.

Reason (R): The western education gave birth to a critical attitude towards religion and a spirit of inquiry into the origins of state and society.

Codes:

- a. Both (A) and (R) are true and (R) is the correct explanation of (A)
- b. Both (A) and (R) are 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

115. Match List I with List II and select the correct answer from the code given below:

List I (Author)

- A. Sirajud-din Ali Arzu
- B. Jamalud-din Husain Inju
- C. Mirza Jan
- D. Ali Muhammad Khan

List II (Source)

- (i) Farhang-iJahangiri
- (ii) Mirat-i Ahmadi
- (iii) Chiragh-iHidayat
- (iv) Tuhfatul Hind

Codes:

- | | A | B | C | D |
|----|-------|-------|-------|-------|
| a. | (ii) | (iv) | (i) | (iii) |
| b. | (iii) | (i) | (iv) | (ii) |
| c. | (i) | (iii) | (ii) | (iv) |
| d. | (iv) | (ii) | (iii) | (i) |

116. The two emperors from India and Uzbekistan agreed to conquer the road to the Holy places (Mecca and Medina). Identify the emperors from the following:

- | | |
|-------------------------------------|----------------------------------|
| a. Humayun and Abdullah Khan Uzbek | b. Akbar and Abdullah Khan Uzbek |
| c. Jahangir and Abdullah Khan Uzbek | d. Shahjahan and Imam Quli |

117. Which of the following statement is not correct?

- a. In Mughal miniatures Babur's depiction in his court represents Babur in an informal gathering of friends.
- b. Many Mughal painting depict Humayun's court marked by the display of overpowering grandeur, order and immutability.
- c. Akbar had strictly demarcated spaces in the court for each of the princes and nobles.
- d. When Bairam Khan appeared on horseback before Akbar and held him by the hand, the violation of etiquette was so grave that Akbar included it amongst the Khan's most serious offences.

118. Which of the following statements are correct?

- 1. Raja Krishna Deva Raya of Vijayanagar Empire was a gifted scholar both in Telugu and Sanskrit.
- 2. He was also a voluminous writer, although only two of his works are extant.
- 3. According to tradition, his court was adorned by eight celebrated poets, who were known as the astha-diggajas.
- 4. He extended his patronage to Telugu, Kannada and Tamil poets alike.

Select the correct answer from the code given below:

- | | | | |
|-----------------|-----------------|--------------------|------------------|
| a. Only 1 and 2 | b. Only 3 and 4 | c. Only 2, 3 and 4 | d. 1, 2, 3 and 4 |
|-----------------|-----------------|--------------------|------------------|

119. Given below are two statements, one labelled as Assertion (A) and the other labelled as Reason (R):

Assertion (A): Jharokhadarshan was an innovation of Akbar and was designed to establish a personal bond between the ruler and his subject.

Reason (R): As Akbar's prestige rose some people made a rule not to eat or drink till they had the darshan of the king.

In the context of the above two statements which of the following is correct?

- a. Both (A) and (R) are true and (R) is the correct explanation of (A).
- b. Both (A) and (R) are 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.

120. Who is known to have praised India as Hindustan in the following words? 'Great is the prosperity of the country of Hindustan. Heaven itself is jealous of this garden. Its territories are an ornament to the face of the earth. As a beauty spot on the face of a lovely maiden.'

- a. Amir Khusrau
- b. Isami
- c. Ibn Battuta
- d. Hasan Nizami

121. Given below are two statements, one labelled as Assertion (A) and the other labelled as Reason (R) and select the correct answer from the code given below:

Assertion (A): A unique feature of the house construction of the Harappans was that the roadward side of a block presented a plain blank facade.

Reason (R): The entrances to the houses were from the narrow lanes which were set at right angles to the main streets.

Codes:

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

122. Kanchipuram attained the special status of nagaram a mercantile centre in the post sangam period. Consider the following statements

- 1. Textile production and metal work were popular crafts
- 2. The city is said to have had trade with Rome
- 3. It was also a centre for saivism and vaishnavam
- 4. The city had a centre for education called Ghatika

Which of the above statements are correct

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

123. With reference to Athirampakkam, consider the following
1. The site was discovered in 1863
 2. The most recent excavation revealed a sequence of lower, middle and upper palaeolithic cultures
 3. The artefacts mostly cleavers were made of quartzite stones that were made locally
 4. Another important discovery was assemblage of animal foot prints

Which of the above statements are correct

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

124. Which of the following is not correct about the Ashokan pillars?

- a. Inverted lotus appears at the top of the shaft.
- b. The shaft is smooth and round tapering with polish.
- c. The pillars stand on the bases either rectangular or circular.
- d. The pillars have capitals with abacus and independent animals carved in the round

125. Identify the person from the following description:

- (i) Founder of a great empire.
- (ii) Cultured, scholar and a poet.
- (iii) The famous poet Harisena was his court poet and Buddhist scholar Vasubandhu was in his court.
- (iv) Vincent Smith praises him as the 'Indian Napoleon'.

- a. Harisena b. Kanishka
c. Samudragupta d. Chandragupta Maurya

126. Arrange the following works in the chronological order:

- (1) Buddhacharita
- (2) Harshacharita
- (3) Mahaviracharita
- (4) Ramcharita

Codes:

- a. 1, 3, 2, 4 b. 1, 2, 3, 4 c. 4, 1, 2, 3 d. 4, 1, 3, 2

127. Match the List-I and List-II and select the correct answer by using the code given below-

List-I

- A) Uniform density with varying thickness
- B) Uniform depth with varying density
- C) Level of compensation
- D) Zone of compensation

List-II

1. Jolly

2. Hayford

3. Pratt

4. Airy

Code:

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

128. Consider the following statements:

- 1. Uranus has retrograded rotation and has sunrise in the west and not in the east as we have on the earth.
- 2. Neptune has the largest diurnal range of temperature

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

129. Who delineated the natural regions of the World?

- a. Hettner
- b. Herbertson
- c. Blij
- d. Haggett

130. Remote Sensing techniques are not applied in the study of _____.

- a. Quality of housing
- b. Land evaluation
- c. Forest survey
- d. Soil mapping

131. Which of the following does not occur in Ullman's trilogy to the explain spatial interaction?

- a. Transferability
- b. Complementarity
- c. Intervening opportunity
- d. Manocuverability

132. Kennelly - Heaviside layer is confined between 99- 130km is also known as

- a. E layer
- b. F layer
- c. H layer
- d. G layer

133. Which of the following is the correct statement regarding the inversion of temperature?
- 1) There should be calm air
 - 2) There must be short
 - 3) There must be cloudless sky
 - 4) There should be snow covered area
- a. 1 and 2 b. 2,3 and 4 c. 1,3 and 4 d. 1,2,3, and 4
134. The vertical extent of an average cyclone is about _____.
- a. 10-20km b. 10-12km c. 12- 20 km d. 11- 15 km
135. **Assertion (A)** : A black Hole is an astronomical entity that cannot be seen by telescope.
Reason (R) : The gravitational field on a black hole is so strong that it does not allow even light to escape.
- Codes:
- a. Both A and R are true and R is the correct explanation of A
 - b. Both A and R are true but R is not a correct explanation of A
 - c. A is true but R is false
 - d. Both A & R is not true
136. The most influential geography writer of culture is one among of these _____.
- a. D. Harvey b. Carl O Sauer c. Dudley d. D.M. Smith
137. 'Social Darwinism' was elaborated by which one of the following?
- a. Haeckel b. Friedrich Ratzel c. Herbert Spencer d. Peet
138. The refined method of calculating manland ratio is _____.
- a. Over all density b. Rural density c. Arithmetic density d. Nutritional density
139. One of the following formulated the dictum "The volume of migration is inversely proportional to the distance travelled by the migrants" _____.
- a. G.K. Zipf b. H.R. Jones c. L.A. Kosinski d. D. Benjamin

140. Who among the following travelled in India extensively and left behind a rich travel account, which is used as a source material _____.

- a. Living stone b. Marco-Polo c. Al-Idrisi d. Ibn-e-Batut

141. Match List I against List II and mark the correct answer.

List I

- A) The Universe
B) A Planet
C) A Star
D) A Satellite

List II

- (1) Small companions of planets
(2) Has light of its own
(3) A heavenly body revolving around the Sun
(4) A huge endless space

Code:

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

142. A central place refers to one of the following _____.

- a. A place easily accessible
b. A settlement where location is most convenient to people
c. A place in the Centre of the city
d. A settlement that provides service for people living outside it

143. India's location at the head of the Indian Ocean gives it a special advantage because _____.

- a. It can make exploration easy to the sea-bed for minerals
b. It controls the Indian Ocean routes
c. It can use the resources of the Ocean
d. It can expand its fish industry

144. match the List-I and List-II and select the correct answer by using the code given below-

List-I Minerals

- A) Lignite
B) Asbestos
C) Titanium
D) Chromite

List-II

1. Bikaner area
2. Chhota Nagpur region
3. Southern Malabar coast
4. Ratnagiri region

Code :

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

145. Match List I against List II and mark the correct answer.

List I

- A. Exfoliation
- B. Kettle Holes
- C. Stacks
- D. Monadnock

List II

- 1. A residual hill rising conspicuously above the surrounding plain.
- 2. Islands are made by wave erosion.
- 3. Spalling of Concentric cells of rocks.
- 4. Depression made by melting mass of ice.

Code:

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

146. Which of the following waves are responsible for most of the destructive force of earthquake?

- a. R- Waves
- b. L- Waves
- c. S- Waves
- d. Both (A) and (B)

147. Match List I against List II and mark the correct answer.

List I

Concept

- A. Uniformitarianism
- B. Base level
- C. Continental Drift
- D. Sea-floor Spreading

List II

Proposer

- 1. Powell
- 2. Hutton
- 3. Hess
- 4. Wegener

Code:

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

148. Match List I against List II and mark the correct answer.

List I

Concept

- A. Volcanity
- B. Earth Quake
- C. Mountain Building
- D. Orbit of the Earth

List II

Proposer

- 1. Focus
- 2. Orogeny
- 3. Ellipse
- 4. Geosyncline

Code:

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

149. Consider the following statements

Wegener cited various evidences to show that the continents could have close together in the past.

1. The Juxta fix of Continents.
2. Structural and Stratigraphic evidences.
3. Fossil Evidences.
4. Paleoclimatic Evidences.

Which of the above statements are correct?

- | | |
|---------------------------------|----------------------------------|
| a. Statement 1 correct. | b. Statement 1 and 2 correct. |
| c. Statement 1, 2 and 3 correct | d. Statement 1,2,3 and 4 correct |

150. Select the correct chronology of the planet according to its size?

- | | | | |
|------------|----------|------------|-----------|
| I. Mercury | II. Mars | III. Venus | IV. Earth |
|------------|----------|------------|-----------|

Code:

- | | | | |
|-------------------|-------------------|-------------------|-------------------|
| a. IV, III, II, I | b. I, III, II, IV | c. I, II, III, IV | d. IV, I, III, II |
|-------------------|-------------------|-------------------|-------------------|

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