

COMPONENT WISE COMPREHENSIVE PRACTICE PAPER

ENVIRONMENTAL

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.

- Choose the correct answer from the codes given below:
- a) 1, 3 and 4 b) 1, 2 and 3
c) 1 and 3 d) 1, 2, 3 and 4
13. Which of the following is/are a cryogenic indicator of climate change?
1) Ice sheets and ice cores
2) Sea level changes
3) Lacustrine deposits
- Select the correct answer from the codes given below:
- a) 1 only b) 2 and 3
c) 1 and 2 d) 1, 2 and 3
14. Which of the following are the effects of ozone depletion on plants?
1) increase in photosynthesis
2) decline in water use efficiency
3) decline in yields of plants
- Select the correct answer from the codes given below:
- a) 1 and 2 b) 1 and 3
c) 2 and 3 d) 1, 2 and 3
15. Which of the following are responsible for climate change?
1) changes in solar output associated with sunspot activities.
2) volcanism
3) increasing concentration of greenhouse gases
- Which of the above statement(s) is/are correct?
a) 3 only b) 2 and 3
c) 1 and 3 d) 1, 2 and 3
16. The term 'Carbon footprint' means
a) A region which is rich in coal mines
b) The amount of reduction in the emissions of CO₂ by a country
c) The use of carbon in manufacturing industries
d) The amount of greenhouse gases produced by our day-to-day activities.
17. Which of the following is not an advantage of full capital account convertibility?
a) Encourages imports
b) Boosts exports
c) Easy access to forex
d) Promotes trade and capital flows between nations
18. Carbon sequestration is
a) removal of carbon from the ocean and store it in the land
b) removal of carbon from underground (such as hydrocarbon deposit) and storing in Earth's surface
c) removal of carbon from the surface environment and placing it in storage
d) none of the above
19. The term "Annexure I countries" in the Kyoto Protocol refers to —
a) industrial and developed countries
b) initial signatories to the Protocol
c) developing countries
d) transition economies
20. Environmental justice is described as intergenerational, meaning that:
a) both genders should enjoy the environment equally
b) international laws define general environmental laws
c) each generation is responsible for current environmental laws
d) the environment should be preserved for future generations
21. Which of the following appears to contribute to global cooling rather than global warming?
a) nitrous oxide b) aerosols
b) methane c) chlorofluorocarbons
22. Where was the first conference of Parties (COP) meeting held?
a) Kyoto b) Copenhagen
c) Cancun d) Berlin
23. What is the Swachh Bharat cess on services?
a) 1.00% b) 0.25%
c) 0.50% d) 0.75%
24. Norms of environmental protection include which of the following options?
a) The precautionary principle
b) The polluter pays principle
c) Prior informed consent
d) All of the above

25. Nuisance growth of aquatic plants and bloom-forming algae in natural waters is generally due to high concentrations of:
- a) Carbon b) Sulphur
c) Calcium d) Phosphorus
26. Match List – I with List – II and select the correct answer from the codes given below:
- | | | | |
|---------------------------------|---------------------|--|--|
| Column I | Column II | | |
| A) UV | 1) Biomagnification | | |
| B) Biodegradable Organic matter | 2) Eutrophication | | |
| C) DDT | 3) Snow blindness | | |
| D) Phosphates | 4) BOD | | |
- | | | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|----------|
| A | B | C | D | A | B | C | D |
| a) 2 | 1 | 4 | 3 | b) 3 | 2 | 4 | 1 |
| c) 3 | 4 | 1 | 2 | d) 3 | 1 | 4 | 2 |
27. Identify the correctly matched pair:
- a) Basal Convention - Biodiversity Conservation
b) Montreal Protocol - Global Warming
c) Kyoto Protocol - Climate change
d) Ramsar Convention - Ground Water Pollution
28. Consider the following statements:
- About seventeen percent of land is occupied.
 - Decomposers are very few.
 - The best known plants are the succulents and spiny – leaved cacti.
- Which of the following ecosystems satisfies the above conditions?
- a) Forest Ecosystem
b) Desert Ecosystem
c) Cropland Ecosystem
d) Grassland Ecosystem
29. Consider the following:
- Beaches belong to it
 - Crabs and a few burrowing animals are found
 - Corals are found
- Which of the above statements are correct with respect to intertidal zone?
- a) 1 and 2 b) 2 and 3
c) 1 and 3 d) 1, 2 and 3
30. Which of the following is edaphic factor?
- a) Temperature b) Light
c) Rainfall d) Soil
31. Consider the following statements:
- Denitrification in nitrogen cycle adds nitrogen to atmosphere
 - Longer food chains provide a better balance in nature
- Which of the above statements(s) is/are correct?
- a) 1 only b) 2 only
c) Both 1 and 2 d) Neither 1 nor 2
32. In the vicinity of iron ore mining areas, which one among the following elements would be high in ground water?
- a) Calcium b) Nitrate c) Fluoride d) Arsenic
33. Match List - I with List - II and select the correct answer using the codes given below the lists:
- | | |
|-------------------|-------------|
| List – I | List - II |
| A) Doddabetta | 1) Nilagiri |
| B) Makalu | 2) Himalaya |
| C) Dhupgarh | 3) Aravali |
| D) Guru – Shikhar | 4) Satpura |
- | | | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|----------|
| A | B | C | D | A | B | C | D |
| a) 3 | 2 | 1 | 4 | b) 1 | 2 | 4 | 3 |
| c) 4 | 1 | 2 | 3 | d) 2 | 1 | 3 | 4 |
34. Which of the following material takes the longest time for biodegradation?
- a) Cotton b) Paper
c) Plastic bags d) Disposable diapers
35. Which one of the following impurities is easiest to remove from wastewater?
- a) Bacteria b) Colloids
c) Dissolved solids d) Suspended salts
36. Which of the following compounds causes indoor chemical pollution?
- Formaldehyde
 - Carbon monoxide
 - Nitrogen dioxide
 - Radon
 - Lead
- Choose the correct answer from the codes given below:
- a) 1, 2 and 3 b) 1, 2, 3 and 4
c) 1, 4 and 5 d) 1, 2, 3, 4 and 5
37. Consider the following sanctuaries of India:
- Periyar
 - Dachigam
 - Sariska
 - Kanha

- Which one among the following is the correct sequence of location of the above sanctuaries from south to north?
- a) 1 – 4 – 2 – 3 b) 4 – 1 – 3 – 2
c) 1 – 4 – 3 – 2 d) 3 – 1 – 4 – 2
38. Why is it necessary to remove sulphur from petroleum products?
- a) To reduce the emission of sulphur dioxide in exhaust fumes
b) To increase efficiency of automobile engines
c) To use sulphur removed from petroleum for commercial purposes
d) To increase the life span of engine silencers
39. *Trichoderma harzianum* has proved a useful microorganism for:
- a) Reclamation of wastelands
b) Bioremediation of contaminated soils
c) Biological control of soil-borne plant pathogens
d) Gene transfer in higher plants
40. The slow rate of decomposition of fallen logs in nature is due to their:
- a) Poor nitrogen content
b) Low moisture content
c) Low cellulose content
d) Anaerobic environment around them
41. Match List - I with List - II and select the correct answer using the codes given below the lists:
- | List – I | List – II |
|---------------|------------------------------------------------------------------------------------------|
| A) Population | 1) Part of the earth consisting of all the ecosystems of the world |
| B) Community | 2) Assemblage of all the individuals belonging to different species occurring in an area |
| C) Ecosystem | 3) Group of similar individuals belonging to the same species found in an area |
| D) Ecosphere | 4) Interaction between the living organisms and their physical |
- environmental components
- | A | B | C | D | A | B | C | D |
|------|---|---|---|------|---|---|---|
| a) 1 | 4 | 2 | 3 | b) 4 | 2 | 3 | 1 |
| c) 2 | 3 | 1 | 4 | d) 3 | 2 | 4 | 1 |
42. Which of the following microbe is widely used in the removal of industrial wastes?
- a) *Trichoderma* spp b) *Aspergillus niger*
c) *Pseudomonas putida*
d) All of the above
43. The process of extracting metals from ore bearing rocks is called
- a) bioextraction b) microbial extraction
c) biofiltration d) bioleaching
44. Golden rice is a transgenic crop of the future with which of the following improved traits?
- a) Insect resistance
b) High protein content
c) High vitamin A content
d) High lysine content
45. Which one of the following is not a gaseous biogeochemical cycle in ecosystem?
- a) Nitrogen cycle
b) Carbon cycle
c) Sulphur cycle
d) Phosphorus cycle
46. Consider the following statements:
- 1) Coal beneficiation is a technology to extract coal from deep underground mines without use of manual labor.
2) In India, majority of the coal output comes from underground mines.
- 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
47. What do you understand by the term Vitrification?
- 1) It is an advanced technology for nuclear waste Management.
2) Vitrification converts nuclear waste into a liquid, which can be used as a substitute of heavy water in the nuclear power plants.
- 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

48. The Nagoya protocol would be implemented at the national level through:
- The Environmental Protection Act
 - The Biological Diversity Act
 - The Forest Conservation Act
 - None of the above
49. What is the purpose of National electricity fund?
- To give interest subsidy to power utilities to improve their distribution network.
 - To provide interest subsidy to private sector companies involved in Rajiv Gandhi Gramin Vidhyutikaran Yojana
 - To provide interest subsidy to private sector companies involved in generation of electricity from municipal waste, solar and wind sources.
 - None of above.
50. Cartagena protocol is related to:
- Biodiversity
 - Biosafety
 - Ozone layer protection
 - Climate change
51. According to Environmental Impact Assessment (EIA) regulations, which of the following have to be submitted by the project promoter to Ministry of Environment and Forests (MoEF)?
- EIA report
 - An environmental management plan
 - Details of the public hearing
 - Project report
- Choose the correct answer from the codes given below:
- 1 and 2
 - 1 and 3
 - 1, 2 and 3
 - 1, 2, 3 and 4
52. Which of the following micro-organisms can act as biofertiliser?
- bacteria
 - algae
 - fungi
- Choose the correct answer from the codes given below:
- 1 and 3
 - 1 and 2
 - 1 only
 - 1, 2 and 3
53. Consider the following statements:
- In India, 'Project Elephant' was launched first and it was followed by 'Project Tiger'.
 - Tiger population in India has been on the decline since the 2006 estimates.
- Which of the above statement(s) is/are incorrect?
- 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2
54. Which of the following pollutants can cause cancer?
- Lead
 - Ozone
 - Suspended particulate matter
 - Sulphur Dioxide (SO₂)
55. Peroxyacetyl nitrate (PAN) is formed in the atmosphere by reaction of:
- Nitrogen oxides
 - Hydrocarbons
 - Light
- Choose the correct answer from the codes given below:
- 1 and 2
 - 1 and 3
 - 2 and 3
 - 1, 2 and 3
56. Match List - I (Sanctuary) with List - II (State) and select the correct answer using the codes given below the lists:
- | List - I | | List - II | |
|----------------------|--|--------------|--|
| A) Sharavathi Valley | | 1) Gujarat | |
| B) Satkosia Gorge | | 2) Goa | |
| C) Pirotan Island | | 3) Odisha | |
| D) Bhagwan Mahavir | | 4) Karnataka | |
- | A | B | C | D | A | B | C | D |
|------|---|---|---|------|---|---|---|
| a) 2 | 1 | 3 | 4 | b) 4 | 1 | 3 | 2 |
| c) 4 | 3 | 1 | 2 | d) 2 | 3 | 1 | 4 |
57. ISO 14000 is connected with :
- Adoption of environmental safety guidelines
 - Energy audit in Industries
 - Adoption of clean development
 - Adoption of environmental management system in industry/organisation
58. Which of the following is the major source of mercury pollution in India ?
- Coal based thermal power plants
 - Pesticides manufacturing
 - Dental amalgam fillings
 - Electrical and electronic gadgets

59. The primary source of organic pollution in fresh water bodies is
- run-off from urban areas
 - run-off from agricultural forms
 - sewage effluents
 - industrial effluents
60. Which of the following are indicators of Clean Village?
- Open Defecation Free
 - Pollution free environment
 - Visual Cleanliness
 - Effective Solid and Liquid Waste Management.
- Choose the correct answer from the codes given below:
- 1 and 4
 - 1, 3 and 4
 - 1, 2 and 3
 - 1, 2, 3 and 4
61. The interconnected linear food chain in an ecosystem is known as
- food web
 - food chain
 - closed system
 - open system
62. The role that an organism takes in the ecosystem is known as its
- Biota
 - Standing crop
 - Tropic levels
 - Ecological niche
63. Bondla wildlife Sanctuary is located in which of the following states?
- Himachal Pradesh
 - Goa
 - Sikkim
 - Gujarat
64. Greenhouse effect refers to
- ability of atmosphere to retain water vapour
 - ability of certain atmospheric gases to trap heat and keep the planet relatively warm
 - ability of cloud to scatter electromagnetic radiation
 - None of the above
65. Algal blooms impart a distinct colour to water due to:
- their pigments
 - excretion of coloured substances
 - formation of coloured chemicals in water facilitated by physiological degradation of algae.
 - absorption of light by algal cell wall.
66. Consider the following:
- Wild buffalo
 - Ganges shark
 - Indian vulture
 - Anamalai flying frog
- Which of the above species are critically endangered?
- 1 and 2
 - 2 and 3
 - 1, 2 and 3
 - 1, 2, 3 and 4
67. Which of the following species is endemic to India?
- Forest owlet
 - Jerdon's courser
 - Grey junglefowl
 - Yellow-billed babbler
- Choose the correct answer from the codes given below:
- 1 and 2
 - 2 and 3
 - 1, 2 and 3
 - 1, 2, 3 and 4
68. Consider the following statements:
- Ramsar Convention is related to wetland conservation in Asia.
 - All wetlands are considered as wetlands under Ramsar Convention except man-made wetlands.
- Which of the above statement(s) is/are correct?
- 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2
69. Detritus is produced by
- Chemical weathering
 - Decomposition
 - Mechanical weathering
 - Chemical and physical weathering
70. Most of the sources of energy we use represent stored solar energy. Which of the following is not ultimately derived from the Sun's energy?
- Geothermal energy
 - wind energy
 - fossil fuels
 - bio-mass
71. Consider the following statements:
- The National Food Security Act, 2013, makes a paradigm shift in approach to food security-from welfare to a rights based one.
 - The National Food Security Act, 2013, provides for coverage of upto 50 per cent of the rural and urban populations.
 - The eligible persons will be entitled to receive 5 kg of foodgrains per person per month at

- subsidized prices of Rs. 3, 2 and 1 per kg for rice, wheat and coarse grains respectively.
- 4) Households will not, henceforth, receive subsidized foodgrains under the Antyodaya Anna Yojana Scheme.
- Which of the above statement(s) is/are correct?
- a) 1, 2 and 3 b) 1 and 3
c) 1 only d) 1, 2, 3 and 4
72. Consider the following :
- 1) Rhizobium 2) Azobacter
3) Azospirillum 4) Blue-Green Algae
- Which of the above is / are bio-fertilizer(s)?
- a) 1 only b) 1 and 2
c) 1, 2 and 3 d) 1, 2, 3 and 4
73. People living in coastal areas suffer less from goiter. This is because:
- a) They eat sea food
b) They drink sea water
c) They bathe in sea water
d) All of the above
74. Consider the following statements:
- 1) Ethanol is produced from the by-product of the sugar industry, i.e., molasses.
2) Ethanol is blended with petrol to reduce vehicular pollution
- 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
75. Accumulation of non- biodegradable pesticides in different trophic levels is called
- a) Biological degradation
b) Biological magnification
c) Biological concentration
d) Biological deposition
76. Consider the following statements:
- 1) India is the fourth largest emitter of Greenhouse gases.
2) As part of its Intended Nationally Determined Contributions (INDCs) India has pledged to reduce its emissions of its GDP by 33-35 per cent compared to 2005 levels by 2030
3) The Kyoto Protocol placed equal responsibilities on both developing and developed nations with respect to reducing greenhouse gas emissions.
- Which of the above statement(s) is/are correct?
- a) 1 and 2 b) 2 only
c) 1 only d) 1, 2 and 3
77. Which of the following correctly explains the term avalanche?
- a) Mass of glacial debris transported to the sea
b) A mass of snow and rocks moving down-slope under gravity.
c) Sea-wave cut steep rock
d) Mass of rocks and mud flowing under the force of gravity
78. Biodiversity hot spots are
- a) Areas where large number of different species are found
b) Hot areas where large number of different species are found
c) Areas which became hot due to large number of different species.
d) Areas where large spots have been created due to the death of a number of species
79. Conservation of Wildlife includes
- a) Preventing poaching of animals
b) Construction of National parks, Sanctuaries
c) Ban on trading endangered species
d) All of the above
80. The luxuriant growth of natural vegetation in tropical rainforests is due to
- a) fertile soil.
b) hot and wet climate throughout the year.
c) intense sunlight for photosynthesis. d) rapid nutrient cycling
81. Match List-I with List-II and select the correct answer from the codes given below the lists:
- | List-I (Region) | List-II (Vegetation) |
|-----------------|-----------------------|
| A) Selvas | 1) Conifers |
| B) Savannas | 2) Mosses and Lichens |
| C) Taiga | 3) Epiphytes |
| D) Tundra | 4) Grasses and tress |
- | A | B | C | D | A | B | C | D |
|------|---|---|---|------|---|---|---|
| a) 1 | 4 | 3 | 2 | b) 2 | 1 | 4 | 3 |
| c) 3 | 1 | 4 | 2 | d) 3 | 4 | 1 | 2 |

82. Small fish get stuck near the bottom of a shark and derive their nutrition from it. This kind of association is called as
- a) predation b) commensalism
c) parasitism d) predation
83. Pyramid of energy in a pond ecosystem is always
- a) Inverted b) Linear
c) Upright d) Irregular
84. Under the Integrated Nutrient Management (INM), Mycorrhiza is an indispensable agricultural input. Mycorrhiza is a symbiotic association of fungus with the root of the plant. The benefits associated with such association are:
- 1) Improved supply of water and nutrients to the plants.
 - 2) Increases tolerance of plants to environmental stress.
 - 3) Protects plant from soil borne pathogenic diseases.
 - 4) Maintains biological health of soil.
- Choose the correct answer from the codes given below:
- a) 2 and 4 b) 1, 2 and 3
c) 1, 2, 3 and 4 d) 3 and 4
85. Which of the following can accelerate global warming:
- 1) Rice cultivation
 - 2) Cattle breeding
 - 3) Melting of permafrost in the Arctic region
- a) 1 and 3 b) 1 and 2
c) 2 and 3 d) 1, 2 and 3
86. Boron is an essential micronutrient for crops. Which of the following are the functions of Boron in crops?
- 1) Facilitates pollination.
 - 2) Aids in translocation of sugar and carbohydrates.
 - 3) It plays an important role in the proper functioning of cell membranes.
 - 4) Helps in Nitrogen fixation.
 - 5) Aids in photosynthesis.
- Which of the above statements are correct?
- a) All except 4 and 5 b) All except 5
c) All except 3, 4 and 5 d) All of the above
87. Which of the following Ozone depleting substances have been completely phased out (both production and consumption) from India?
- 1) Chlorofluorocarbons (CFC)
 - 2) Carbon tetrachloride
 - 3) Halons
 - 4) Methyl Bromides
 - 5) Hydrochlorofluorocarbons (HCFCs)
- Choose the correct answer from the codes given below:
- a) All except 4 and 5 b) All except 5
c) All except 2, 3, 4 and 5
d) All of the above
88. The Union Ministry of Environment and Forest has suggested species recovery action plans in the States to save the Great Indian Bustard, the Lesser Florican and the Bengal Florican. Which of the following statements with regard to these three birds are correct?
- 1) All these three birds are critically endangered according to IUCN Red list.
 - 2) Lesser Florican is mostly found in the Western parts of India whereas Bengal Florican is found in the Eastern parts of India.
 - 3) All the three birds belong to the Bustard family.
- Choose the correct answer from the codes given below:
- a) 1 and 2 b) 1 and 3
c) 2 and 3 d) 1, 2 and 3
89. The Montreux Record is a register of wetland sites on the List of Wetlands of International Importance where changes in ecological character have occurred, are occurring, or are likely to occur as a result of technological developments, pollution or other human interference. It is maintained as part of the Ramsar List. Which of the following lakes from India are included in the Montreux record?
- 1) Loktak Lake
 - 2) Chilka Lake
 - 3) Wullar Lake
- Choose the correct answer from the codes given below:
- a) 1 only b) 1 and 2
c) 2 and 3 d) 1, 2 and 3

90. Among the following crop rotations, which is good for increasing soil nutrient status?
 a) Groundnut – wheat b) Rice – wheat
 c) Pearl millet – wheat d) Sorghum – wheat
91. National Institute of Disaster management is located at?
 a) Poona b) Midnapur
 c) New Delhi d) Calcutta
92. The nodal agency in the Central Government for coordinating disaster management activities for all natural hazards is
 a) Ministry of Home Affairs
 b) Ministry of Rural Development
 c) Ministry of Communications
 d) Ministry of Urban Affairs
93. In raising an object to a given height by means of an inclined plane, as compared with raising the object vertically, there is a reduction in
 a) Force to be applied b) Work required
 c) Distance covered d) Friction force
94. What are the three phases of disaster management planning?
 a) Preparation, Planning and Perception
 b) Evacuating, Rebuilding and Re-branding
 c) Preparation, Response and Recovery
 d) Planning, Evacuating and Recovery
95. Consider the following statements:
 1) Natural Hazards are elements of circumstances in the natural environment that have the potential to cause harm to people or property or both.
 2) Natural disasters are relatively sudden and cause large scale, widespread death, loss of property and disturbance to social systems and life over which people have little or no control.
 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
96. Consider the following four species.
 1) Forest Owlet 2) Ganges Dolphin
 3) Ganges Shark 4) Dugong
- Consider the following statements with regard to these four species.
 1) Out of these four, exactly two are listed as critically endangered according to IUCN Red list.
 2) Out of these four, exactly one is listed as endangered according to IUCN Red list.
 3) Out of these four, exactly one is listed as threatened according to IUCN Red list.
 Which of the above statement(s) is/are correct?
 a) 1 only b) 3 only
 c) 1, 2 and 3 d) 1 and 2
97. Which of the following Indian Biosphere Reserves have been included in the World network of Biosphere reserves under the Man Biosphere program of UNESCO?
 1) Similipal Biosphere Reserve
 2) Achanakmar – Amarkantak Biosphere Reserve.
 3) Pachmarhi Biosphere Reserve
 4) Western Ghats
 Choose the correct answer from the codes given below:
 a) 1, 2 and 4 b) 1 and 3
 c) 1, 2, 3 and 4 d) 1, 2 and 3
98. Consider the following :
 1) Sugar cane 2) Corn
 3) Potato
 Which of the above crops are used for producing bio-fuels?
 a) 1 and 2 b) 1 and 3
 c) 2 and 3 d) 1, 2 and 3
99. Biomagnification is caused mainly by
 a) organochlorines b) neem oil
 c) organophosphates d) all of the above
100. In a community, food chains are linked together to form
 a) ecological niche b) food niche
 c) food web d) all of the above