



# CAPF AC 2023

**95.** Match List-I with List-II and select the correct answer using the code given below the Lists :

<i>List-I</i> (International Convention)	<i>List-II</i> (Theme)
A. Stockholm Convention	1. Hazardous chemicals and pesticides in international trade
B. Minamata Convention	2. Persistent organic pollutants
C. Basel Convention	3. Binding instrument on mercury
D. Rotterdam Convention	4. Transboundary movement of hazardous wastes and their disposal

**Code :**

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

**100.** 'Basel Convention', 'Rotterdam Convention' and 'Stockholm Convention' relate to which of the following ?

- (a) Human Rights of Prisoners
- (b) Management of Pollutants
- (c) Conservation of Wetlands
- (d) Conservation of Rivers

**113.** Consider the following statements about Ramsar Wetland sites in India :

- 1. Gahirmatha is the habitat of Olive Ridley Turtles.
- 2. Chilka lake is the habitat of Irrawaddy Dolphin as its flagship species.
- 3. Nalsarovar Wetland is also the habitat of Indian Wild Ass (Khur).
- 4. Tso Moriri Wetland is the habitat and breeding ground of Black-necked Crane.

Which of the statements given above are correct ?

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



57. Which one of the following is the main objective of Vienna Convention and Montreal Protocol ?

- (a) Combat desertification
- (b) Formulate sustainable developmental goals
- (c) Protection of ozone layer
- (d) Combat climate change

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22. Which one of the following Forest Acts divided forests of India into reserved, protected and village forests ?

- (a) Forest Act 1864
- (b) Forest Act 1865
- (c) Forest Act 1866
- (d) Forest Act 1878

96. NPP (Net Primary Productivity) is highest for

- (a) tropical forests
- (b) swamps
- (c) reefs
- (d) woodland and shrub land

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97. Study of a single species and the environmental factors in its habitat is called

- (a) Genecology
- (b) Synecology
- (c) Autecology
- (d) Ethology

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25. Phreatophytes are the plants adapted to grow in

- (a) moist shaded places
- (b) rocky environments
- (c) arid environments
- (d) active volcanic lava

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2015

52. Which of the following statements about biodiversity hot spots is/are correct?

1. Biodiversity hot spots are identified by the International Union for Conservation of Nature and Natural Resources (IUCN).
2. Biodiversity hot spots are defined according to their vegetation.
3. In India, Eastern Ghats and Western Himalaya are the biodiversity hot spots.

Select the correct answer using the code given below.

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

101. Which of the following statements about the Equatorial region are correct ?

1. It is a megathermal region
2. It is a sclerophyll region
3. It is a region of high development
4. It is a region of aerial streamlets

Select the correct answer using the code given below :

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





## 2016 Questions

104. The ecological niche of an organism relates to

- (a) specific habitat of the organism
- (b) symbiotic relationship with other organisms
- (c) diverse occurrence of a species under different conditions
- (d) its interaction with all other organisms

105. Free swimming macroscopic animals in an aquatic environment are referred to as

- (a) Plankton
- (b) Periphyton
- (c) Benthos
- (d) Nekton

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2017

106. The term Biomagnifications is referred to as

- (a) increase in the body weight
- (b) uncontrolled growth of harmful organisms
- (c) accumulation of increasing amount of non-degradable pollutant through food chain
- (d) increase in the number of bacteria in a culture medium

100. Which one among the following substances is **NOT** a 'green house' gas ?

- (a) Water vapour
- (b) Chlorofluorocarbon
- (c) Methane
- (d) Nitrogen

101. Ozone layer depletion is a major phenomenon in :

- (a) Troposphere
- (b) Stratosphere
- (c) Thermosphere
- (d) Exosphere

10. The process of using microbes to treat areas of land or sea that have been contaminated by pesticides, oil or solvents is known as :

- (a) Eutrophication
- (b) Nitrification
- (c) Ammonification
- (d) Bioremediation

6. Ramsar Convention, to which India is a signatory, is related to conservation and wise use of :

- (a) wetlands
- (b) genetic resources
- (c) mines
- (d) forest lands

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2016

71. Which one among the following statements correctly defines the term Bio-fortification ?

- (a) Enrichment of the nutrient quality of the soil using biological agents
- (b) Breeding crops to increase their nutritional values
- (c) Increase of organo-metallic compounds in the organism through energy flow in an ecosystem
- (d) Adoption of genetic variable plants for breeding of high yielding varieties

56. Consider the following statements :

1. Creepers or climbers are commonly found in the tropical rain forest.
2. The epiphytes, which do not have their roots on the ground, survive on the trees in the tropical rain forest.
3. All epiphytes are not creepers.

Which of the statements given above is/are correct?

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

10. Which of the following statements regarding United Nations Environment Programme (UNEP) is/are correct ?

1. The theme for the year 2011 is 'Forest : Nature at Your Service'.
2. It underscores link between quality of life and health and forest ecosystem.
3. India is declared as a global host of World Environment Day 2011.

Select the correct answer using the code given below :

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

41. Which one of the following statements is **not** correct about Biosphere Reserves ?

- (a) They are protected areas meant for conservation of Biodiversity  
(b) Each Biosphere reserve has three zones  
(c) There is a network of biosphere reserves world over  
(d) They were first started by IUCN (International Union for Conservation of Nature and Natural Resources)

122. Which of the following statements about National Green Tribunal is/are correct?

1. It is a specialized body equipped with the necessary expertise to handle environmental disputes involving multidisciplinary issues.
2. The Tribunal shall be bound by the procedure laid down under the Code of Civil Procedure, 1908.

Select the correct answer using the code given below.

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

11. Match List I with List II and select the correct answer using the code given below the lists :

<i>List I</i> (Prominent American Indian)	<i>List II</i> (Field of activity)
A. Piyush 'Bobby' Jindal	1. Media
B. Manoj Night Shyamalan	2. Author
C. Siddhartha Mukherjee	3. Film Maker
D. Fareed Zakaria	4. Administration

Code :

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

40. Which one of the following statements is **not** correct about "Flavr Savr" tomatoes ?

- (a) It is genetically engineered  
(b) Its ripening process is slow  
(c) The fruit cannot be left on the plant for a long period  
(d) They have increased yield and better flavour



**93.** Which of the following processes would explain ozone losses in the atmosphere ?

When ozone is exposed to

1. CFCs and UV radiation.
2. long winter circumpolar winds to form ice crystals.
3. singlet oxygen atom and chlorine monoxide.

Select the correct answer using the code given below :

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

**94.** Which one among the following phenomena includes processes, such as production, predation, nutrient transformation, and the influx and efflux of energy and materials ?

- (a) Ecological function
- (b) Ecosystem function
- (c) Ecosystem structure
- (d) Biogeochemical cycles