

### Topic 3. Ecosystems (4 Marks)

Q. No.	Question	Option i	Option ii	Option iii	Option iv	Answer Key
1	Man engineered ecosystem consists of	agriculture and aquaculture ecosystem	desert and forest ecosystem	grassland and tree	all of the above	agriculture and aquaculture ecosystem
2	The interdependence of the living organisms among themselves and with the environment is called	Ecology	biology	Ecosystem	antology	Ecosystem
3	The food chain in an ecosystem helps to maintain	The feeding relationship in nature,thus biodiversity	Passage of nutrients in the ecosystem	Flow of energy in the ecosystem	all the given	all the given
4	The graphical representation of the interrelation of producer and consumer in an ecosystem is termed as	Ecological niche	Ecological pyramid	Food web	Trophic level	Ecological pyramid
5	Biotic & Abiotic components together form an _____	Ecosystem	Pond	River	None of the above	Ecosystem
6	"Tundra" is an example of _____ type of Ecosystem	Marine	Terrestrial	Microbiological	None of the above	Terrestrial
7	Ecological pyramid is a _____ representation	Geological	Pyramidal	Graphical	None of the above	Graphical
8	In Alpine, Animals have _____ blood vessels	More	Large	Thick	None of the above	More
9	The percentage of forest cover recommended by the National Forest Policy(1988) is	33% for plains and 67% for hills	37% for plains and 63% for hills	20% for plains and 70% for hills	23% for plains and 77% for hills	33% for plains and 67% for hills
10	Select the correct statement of biodiversity	The desert area of Rajasthan and Gujarat have a very high level of desert animal species as well as numerous rare animals	Large scale planting of BT cotton has no adverse effect on biodiversity	Western Ghats have a very high degree of species richness and endemism	Conservation of biodiversity in just a fad pursued by the developed countries	Western Ghats have a very high degree of species richness and endemism

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11	The Red Data Book maintains a record of the	Plants and animals present in the whole world	Relationship between man and biosphere	Plants and animals which are known to be endangered	Forest wealth in the whole world	Plants and animals which are known to be endangered
12	In a national park protection is given to	The entire flora	The entire fauna	The plants and animals	The entire ecosystem	The entire ecosystem