SR No.	QUESTION	A	B	C	D	CORRECT AN	POINTS
1	The word 'population' derived from a Latin word _____.	populus	populi	people	Popule	populus	1
2	The great ecologist _____ (1965) mentioned that population is a self regulating system.	Aristotle	Wynne Edward	Darwin	Anton van leeu	Wynne Edward	1
3	_____ is the study of number of organisms which determines their abundance & distribution.	Ecosystem	Ecology	Population Ecol	Population Dyn	Population Ecol	1
4	Changes in the number of individuals in a population over a period of time is referred to as the _____.	Population Eco	Ecosystem	Population Den	Population Dyn	Population Dyn	1
5	_____ is generally expressed as the total number of inidividuals belonging to a particular species occupying a given habitat.	crude populatio	specific density	ecological dens	population ecol	crude populatio	1
6	_____ is the total number individuals per unit area or volume of a habitat.	crude populatio	specific density	both	none	specific density	1
7	Examlpes of crude density & ecological density is reported by _____ with reference to Wood Stork behaviour of Florida Everglades Lake.	Darwin	Edwards (1965	Kahl (1964)	Aristotle	Kahl (1964)	1
8	Measurement of population density methods are _____.	Total Count	Natality	Mortality	Fecundity	Total Count	1
9	_____ method involves dividing the given habitat into quadrangular areas of certain predetermined dimensions.	Total Count	Quadrat Sampli	Capture-Recapt	Direct Count	Quadrat Sampli	1
10	_____ method involves all the individuals from a given area are physically counted to determine the density.	Total Count	Quadrat Sampli	Capture-Recapt	Direct Count	Total Count	1
11	This method is used only for motile animals.	Total Count	Quadrat Sampli	Capture-Recapt	Direct Count	Capture-Recapt	1
12	_____ may be defined as the number of new individuals added to a population, through reproduction in a given period of time.	Mortality	Fecundity	Density	Natality	Natality	1
13	Under favorable environmental conditions, the _____ of a population is more while under unfavorable conditions, it is less.	Natality	Mortality	Fecundity	Density	Natality	1
14	_____ is the theoretical maximum production of new individuals under ideal conditions.	Realised natalit	Potential natalit	Ecological natal	Mortality	Potential natalit	1
15	_____ refers to an increase in population under actual environmental conditions.	Maximum natal	Potential natalit	Ecological natal	Mortality	Ecological natal	1
16	_____ may be define as loss of individuals of a species, due to death per unit time.	Natality	Fecundity	Density	Mortality	Mortality	1
17	Population density at a given time can be calculated as _____.	D (at 't')=n/a	B=Nn/Nt'	D=Nd/Nt	F=W1/W2*N'	D (at 't')=n/a	1
18	The natality of a population is expressed by a formula: _____.	D (at 't')=n/a	B=Nn/Nt'	D=Nd/Nt	F=W1/W2*N'	B=Nn/Nt'	1
19	Mortality can be calculated as, _____.	D (at 't')=n/a	B=Nn/Nt'	D=Nd/Nt	F=W1/W2*N'	D=Nd/Nt	1
20	The fecundity is calculated with the help of the following formula: _____.	D (at 't')=n/a	B=Nn/Nt'	D=Nd/Nt	F=W1/W2*N'	F=W1/W2*N'	1
21	_____ is defined as the average number of eggs that a female produces & also refers to the number of eggs present in the ovary assuming that all of them would be fertilized, laid & hatched to become new individuals.	Natality	Fecundity	Density	Mortality	Fecundity	1
22	Birth & death rates of a population are responsible for deciding the _____ of a population.	Sex ratio	Fecundity	Age structure	Density	Age structure	1
23	Pre-reproductive age group is based on age _____	15-59 years	age above 59 ye	none	14 years	14 years	1
24	Reproductive age group is based on age _____	15-59 years	age above 59 ye	none	14 years	15-59 years	1
25	Post-reproductive age group is based on age _____	15-59 years	age above 59 ye	none	14 years	age above 59 ye	1
26	Age pyramid is a triangular with a broad base & indicates a _____	stable populatio	declining popul	fast growing po	Unstable popul	fast growing po	1
27	The age pyramid is more or less bell shaped & indicates a _____	stable populatio	declining popul	fast growing po	Unstable popul	stable populatio	1
28	The age pyramid is urn shaped with a naroow base & indicates a _____	stable populatio	declining popul	fast growing po	Unstable popul	declining popul	1
29	_____ is the proportion of males & females which is the basic criterion of any sexually reproducing population.	Age structure	Natality	Sex ratio	Mortality	Sex ratio	1
30	The specific mortality & life expectancy at increasing age can be illustrated in _____.	Sex ratio	Age pyramid	Density	Life tables	Life tables	1
31	The change in the population is influenced by _____.	Only Natality	Only Mortality	Fecundity	Both Natality & M	Both Natality & M	1
32	_____ distribution depicts abundance of resources.	Clumped distribu	Normal distributi	Random distribut	Uniform distributi	Random distribut	1
33	Concept of "Spatial Niche" was proposed by _____.	Elton	Joseph Grinnell	GE Hutchinson	Kahl	Joseph Grinnell	1
34	Which type of distribution pattern is seen in schooling fish, herding mammals?	Clumped distribu	Uniform distributi	Normal distributi	Random distribut	Clumped distribu	1
35	Which concept of niche was proposed by Charles Elton in 1927?	Multidimensione	Spatial Niche	Hyper volume	Tropic Niche	Hyper volume	1
36	Golden Period of Growth is also known as _____.	Death phase	Lag phase	Leg phase	Steady phase	Leg phase	1
37	When the carrying capacity of an space is nearly reached it is known as _____.	Lag phase	Phase of decelei	Acceleration pha	Steady phase	Phase of decelei	1
38	Who obtained sigmoid growth curved for different animal species population.	Kahl	G F Gause	Charles Elton	Joseph Grinnell	G F Gause	1
39	Lotka-Voltera model explains _____.	Population Intera	Distribution Patte	Survivorship Cur	Life Table	Population Intera	1
40	When the environmental foctors influences population growth, the mechanism is known as _____.	Intrinsic mechani	Ecological Niche	Population intera	Extrinsic mechan	Extrinsic mechan	1
41	Who developed the concept of Hyper Volume?	Charles Elton	G F Gause	G E Hutchinson	Kahl	G E Hutchinson	1
42	GIS is known as _____.	Geological In Sit	Geographic infor	Geographic Intel	Geographic Inpu	Geographic infor	1
43	Determining terrestrial units, allocating codes, scheduling census, training personnel is classified as _____.	Preparatory Worl	Analysis of result	Data Processing	Systemic record	Preparatory Worl	1
44	The most important stage in census is _____.	Dissemination of	Preparatory work	Data processing	Evolution of resu	Evolution of resu	1
45	_____ includes the started, biochemical & behavioural adaptation of an organism.	Intrinsic mechani	Life Tables	Extrinsic mechan	Distribution Patte	Intrinsic mechani	1

series no	Questions	A	B	C	D	Correct Answe	points
1	-------- play a very important role in recycling of organic and inorganic materials in the pond.	Producers	Consumers	Decomposers	organic	Decomposers	1
2	---------- is the basic functional unit of ecology.	Ecosystem	Biotic	Temeprature	Abiotic	Ecosystem	1
3	Antibiosis is also known as_____.	Mutualism	Amensalism	Commensalisr	parasites	Amensalism	1
4	Different food chain interconnected to form a complex network with several linkages is called as _____	Food web	Biotic	Abiotic	Detritus	Food web	1
5	In which of the following interaction both the individuals invovled are equally benefitted?	Mutualism	Commensalisr	Predation	Amensalism	Mutualism	1
6	Increase in temperature ---------- the rate of metabolic activity.	Increase	Decrease	Stable	Unstable	Increase	1
7	Many cold blooded predators are able to detect their warm blooded prey by their _----------	Body heat	Spores	Cysts	Breeding	Body heat	1
8	Mutualism is the example of which of the following interaction?	Positive	Negative	Spactculus	Biogenosis	Positive	1
9	Oxygen combines with nitrogenous compounds to form ----------	Iron	Nitrates	Ferric oxides	sulphur	Nitrates	1
10	Parasitism is the example of which of the following interaction?	Positive	Negative	Spactaculus	Biogenosis	Negative	1
11	Producers are also called as chemotrophs as the get their energy from	Sunlight	Chemicals	Plants	Animals	Chemicals	1
12	Producers are also called as_____.	Ecosystem	Autotrophs	Heterotrophs	Homotrophs	Autotrophs	1
13	Producers are called as --------- since they get their energy from chemicals and not sunlight.	Aurotrophs	Chemotrophs	Decomposers	Saprophytes	Chemotrophs	1
14	Running water ecosystem is also called as _----------	lentic	lotic	deposition	Fertilizers	lentic	1
15	soil profile is broadly classified under which factor	Climatic	Edaphic	Inorganic	Organic	Edaphic	1
16	some amino acids and protiens contains ----------.	Oxygen	Nitrogen	Sulphur	Water	Sulphur	1
17	Standing water ecosystem is also called as ------	Lentic	lotic	Deposition	Fertilizers	lentic	1
18	Sulphur cycle is referred as ----------cycle	Gaseous	Sedimentary	Volatile	Liquified	Sedimentary	1
19	The animals which injest other organism for their survival are called as	Producers	Consumers	Autotrophs	Decompsers	Consumers	1
20	The aquatic systems can be broadly classified into two types depending upon the ----------	Salinity	pH	COD	BOD	Salinity	1
21	The biotic components can be grouped as Autotrophs,heterotrophs and saprophytes depending upon v	Nutrional	Morphological	Genetical	Behavioural	Nutrional	1
22	The decaying organic wastes and dead matter derived from the grazing food chain is called as _____	Cladophora	Diatoms	Detritus	Grazers	Detritus	1
23	The parasite lives inside the body of the host are called as _____.	Endoparasites	Obligate	Ectoparasites	Facultative	Endoparasite	1
24	The parasites lives on the surface of the body of host are called as _____.	Endoparasites	Obligate	Pathogenic	Ectoparasites	Ectoparasites	1
25	The relationship between the Abiotic and Biotic components of an ecosystem is called as	Ecology	Saprophytes	Holocoenosis	Components	Holocoenosis	1
26	The transfer of food energy from the plant throgh a series of organism is called as	Lentic	Lotic	Food chain	Food web	Food chain	1
27	Waters on the surfaces where light penetration is maximum have ----------temperature.	High	Low	Stable	Unstable	High	1
28	Which of the following feed on dead organic matter	Producers	Consumers	Autotrophs	Decomposers	Decomposers	1
29	Which of the following interaction where one species is benefited while other is neither benefited nor h	Mutualism	Commensalisr	Predation	Amensalism	Commensalisr	1
30	Which of the following parasites causes disease in plants ,animals and man?	Pathogenic	Ectoparasites	Facultative	Obligate	Pathogenic	1
31	The feeding relationship and interaction between organisms in any ecosystems can be understood by _	ecological pyr	food web	food chain	ecology	food chain	1
32	Which of the following is a measure of a complexity of the food web ?	inverted pyrar	food chain	connectance	trophic level	connectance	1
33	The graphical representation to show the number of organisms at each trophic level is referred as ____	ecological pyram	ecological pyr	ecological pyr	ecological pyr	ecological pyra	1
34	Which of the following type of ecological pyramid is always upright ?	ecological pyram	ecological pyr	ecological pyr	ecological pyr	ecological pyra	1
35	Which of the following is a positive interspecific interaction ?	predation	parasitism	mutualism	amensalism	mutualism	1

SR.NO	QUESTIONS	A	B	C	D	ANSWER	POINTS
1	Sanjay Gandhi national park is situated in_____.	Nagpur	Palakkad	Borivili	Palghar	Borivili	1
2	sanjay Gandhi national park was previously known as_____	Krishnagiri national park	Jim Corbett National park	Rajiv Gandhi national park	None of the above	Krishnagiri national park	1
3	Kanheri caves are situated in which National park?	Jim Corbett National park	Hanleys national park	Guindy national park	Sanjay Gandhi national park	Sanjay Gandhi national park	1
4	Brand animal of Sanjay Gandhi national park is_____.	Leopard	One horned Rhinoceros	Tiger	Snow leopard	Leopard	1
5	Tadoba national park is situated in _____.	Chandrapur	Mumbai	Ratnagiri	Nashik	Chandrapur	1
6	Forest Owlet is in Which IUCN category?	Least concern	Extinct	Critically Endangered	None of the above	Critically endangered	1
7	Jim corbett National park is situated in Which state?	Maharashtra	Uttarakhand	Uttar pradesh	Hariyana	Uttarakhand	1
8	Scientific Name of The Bengal Tiger is_____.	*Panthera tigris tigris*	*Panthera Leo*	*Panthera pardus*	*Uncia uncia*	*Panthera tigris tigris*	1
9	Kaziranga national park is situated in which state?	Haryana	Assam	West Bengal	Manipur	Assam	1
10	The Great Indian One Horned Rhino Is found in_____.	Kaziranga national park	Silent valley national park	Sanjay gandhi national park	Tadoba national park	Kaziranga national park	1
11	Gir national park is situated in _____.	Gujarat	Maharashtra	Kerala	Tamil nadu	Gujarat	1
12	Which is the only Place in India where Asiatic Lions are found in the wild?	Gir national park	Jim Corbett National park	Sanjay gandhi national park	Tadoba national park	Gir national park	1
13	Lion tailed macaque can be found in_____.	Gir national park	Silent valley national park	Sanjay gandhi national park	Tadoba national park	Silent Valley National park	1
14	Bharatpur Bird Sancuary is also Known as_____.	Borivili National park	Rajaji National park	Keoladeo Ghana national park	Silent Valley national park	Keoladeo Ghana national park	1
15	Project Tiger was launched in the year	2010	1989	2020	1973	1973	1
16	_____ category of IUCN means completely disappeared from earth	Vulnerable	Extinct	Least concern	Endangred	Extinct	1
17	Extinct in wild means animal survived only in_____.	Wild	Burrows	Captivity	water	Captivity	1
18	In mauritius_____was the first animal to become extinct	Cow	Goat	Dodo	Cat	Dodo	1
19	_____Category means lowest risk of Extinction.	Vulnerable	Extinct	Least concern	Endangred	Least concern	1
20	_____category means not yet evaluated in any criteria.	Vulnerable	Not evaluated	Least concern	Endangred	Not evaluated	1
21	_____is the oldest national park in India.	Jimcorbett national park	Borivili National Park	Hemis national park	Gir national park	Jimcorbett national park	1
22	_____ is the nearest railway station to SGNP	Jammu	Borivili	Ratnagiri	Ernakulam	Borivili	1
23	Project crocodile was launched in the year_____.	1975	2020	2021	1947	1975	1
24	Gharial belongs to _____ category of IUCN red list	Extinct	Extinct in wild	Least concern	Critically endangered	Critically endangered	1
25	The brand animal of Tadoba national park is_____	Lion	Hyena	Tiger	Water Snake	Tiger	1
26	Major threat to pangolin is_____.	Poaching	pollution	acid rain	pesticides	pollution	1
27	Nearest airport to Tadoba national parks is_____..	Bambolim	Baghdogra	Nagpur	Kochi	Nagpur	1
28	Pngolins are often called as_____.	Scaly anteaters	Giants	Top predators	Dhole	Scaly anteaters	1
29	Ganges dolphin track their prey by_____	Vision	Scent	Running	Ultrasonic sound	Ultrasonic sound	1
30	Vulture population declined in India due to_____.	poaching	diclofenac	acid rain	Telmisartan	diclofenac	1
31	The Silent valley was so called because of absence of sound produced by_____.	Tiger	Lion	Cicada	Dog	Cicada	1
32	The Local name for Silent valley National park is_____.	Sairandhrivanam	Anandvan	Hemalkasa	Sirsi	Sairandhrivanam	1
33	_____is the Garden of Eden for Life science students and field biologists	Desert national park	Kibber national park	Silentvalley national park	Bharatpur bird sanctuary	Silentvalley national park	1
34	Pirotan Island marine national park is considered as Rainforest of_____.	Trees	mangrooves	Corals	Bushes	Corals	1
35	Dugong can be seen at _____National park	Desert national park	Kibber national park	Silentvalley national park	Pirotan Island marine NationalPark	Pirotan Island marine NationalPark	1
36	Nature based tourism is also known as_____.	Ecotourism	Medical tourism	Industrial Tourism	Picnic	Ecotourism	1
37	_____has potential for being desert Ecotourism in India	Konkan	Sundarbans	Thar desert	Aleppy	thar desert	1
38	We can see coral reefs at_____.	Andaman	Thar desert	Ladakh	Jammu	Andaman	1
39	_____ is known as Maharashtra's Valley of flowers.	Kaas plateau	Mumbai	Nagpur	Nashik	kaas plateau	1
40	_____is also an offshoot of Ecotourism.	Cricket	Agro tourism	Picnic	Football	Agro tourism	1

SR.NO	QUESTIONS	A	B	C	D	ANSWER	POINTS
1	The word 'population' derived from a Latin word _____.	populus	populi	people	Popule	populus	1
2	_____ is the study of number of organisms which determines their abundance & distribution.	Ecosystem	Ecology	Population Ecol	Population Dyn	Population Ecol	1
3	_____ is generally expressed as the total number of inidividuals belonging to a particular species occupying a given habitat.	crude populatio	specific density	ecological densi	population ecol	crude populatio	1
4	Examlpes of crude density & ecological density is reported by _____ with reference to Wood Stork behaviour of Florida Everglades Lake.	Darwin	Edwards (1965)	Kahl (1964)	Aristotle	Kahl (1964)	1
5	_____ method involves dividing the given habitat into quadrangular areas of certain predetermined dimensions.	Total Count	Quadrat Sampli	Capture-Recapt	Direct Count	Quadrat Sampli	1
6	This method is used only for motile animals.	Total Count	Quadrat Sampli	Capture-Recapt	Direct Count	Capture-Recapt	1
7	Under favorable environmental conditions, the _____ of a population is more while under unfavorable conditions, it is less.	Natality	Mortality	Fecundity	Density	Natality	1
8	_____ refers to an increase in population under actual environmental conditions.	Maximum natal	Potential natalit	Ecological natal	Mortality	Ecological natal	1
9	Population density at a given time can be calculated as _____.	D (at 't')=n/a	B=Nn/Nt'	D=Nd/Nt	F=W1/W2*N'	D (at 't')=n/a	1
10	Mortality can be calculated as, _____.	D (at 't')=n/a	B=Nn/Nt'	D=Nd/Nt	F=W1/W2*N'	D=Nd/Nt	1
11	_____ is defined as the average number of eggs that a female produces & also refers to the number of eggs present in the ovary assuming that all of them would be fertilized, laid & hatched to become new individuals.	Natality	Fecundity	Density	Mortality	Fecundity	1
12	Pre-reproductive age group is based on age _____	15-59 years	age above 59 ye	none	14 years	14 years	1
13	Age pyramid is a triangular with a broad base & indicates a _____	stable populatic	declining popul	fast growing po	Unstable popul	fast growing po	1
14	The age pyramid is urn shaped with a naroow base & indicates a _____	stable populatic	declining popul	fast growing po	Unstable popul	declining popul	1
15	-------- play a very important role in recycling of organic and inorganic materials in the pond.	Producers	Consumers	Decomposers	organic	Decomposers	1
16	Antibiosis is also known as_____.	Mutualism	Amensalism	Commensalisr	parasites	Amensalism	1
17	In which of the following interaction both the individuals invovled are equally benefitted?	Mutualism	Commensalisr	Predation	Amensalism	Mutualism	1
18	Many cold blooded predators are able to detect their warm blooded prey by their _----------	Body heat	Spores	Cysts	Breeding	Body heat	1
19	Oxygen combines with nitrogenous compounds to form ----------	Iron	Nitrates	Ferric oxides	sulphur	Nitrates	1
20	Producers are also called as chemotrophs as the get their energy from	Sunlight	Chemicals	Plants	Animals	Chemicals	1
21	Producers are called as --------- since they get their energy from chemicals and not sunlight.	Aurotrophs	Chemotrophs	Decomposers	Saprophytes	Chemotrophs	1
22	soil profile is broadly classified under which factor	Climatic	Edaphic	Inorganic	Organic	Edaphic	1
23	Standing water ecosystem is also called as ------	Lentic	lotic	Deposition	Fertilizers	lentic	1
24	The animals which injest other organism for their survival are called as	Producers	Consumers	Autotrophs	Decompsers	Consumers	1
25	The biotic components can be grouped as Autotrophs,heterotrophs and saprophytes depending upon which point of view.	Nutrional	Morphological	Genetical	Behavioural	Nutrional	1
26	The parasite lives inside the body of the host are called as _____.	Endoparasites	Obligate	Ectoparasites	Facultative	Endoparasite	1
27	The relationship between the Abiotic and Biotic components of an ecosystem is called as	Ecology	Saprophytes	Holocoenosis	Components	Holocoenosis	1
28	Waters on the surfaces where light penetration is maximum have ----------temperature.	High	Low	Stable	Unstable	High	1
29	Which of the following interaction where one species is benefited while other is neither benefited nor harmed?	Mutualism	Commensalisr	Predation	Amensalism	Commensalisr	1
30	The feeding relationship and interaction between organisms in any ecosystems can be understood by _____ .	ecological pyr	food web	food chain	ecology	food chain	1
31	The graphical representation to show the number of organisms at each trophic level is referred as _____.	ecological pyr	ecological pyr	ecological pyr	ecological pyr	ecological pyr	1
32	Which of the following is a positive interspecific interaction ?	predation	parasitism	mutualism	amensalism	mutualism	1
33	Sanjay Gandhi national park is situated in_____.	Nagpur	Palakkad	Borivili	Palghar	Borivili	1
34	Kanheri caves are situated in which National park?	Jim Corbett N	Hanleys natior	Guindy nationa	Sanjay Gandh	Sanjay Gandh	1
35	Tadoba national park is situated in _____.	Chandrapur	Mumbai	Ratnagiri	Nashik	Chandrapur	1
36	Jim corbett National park is situated in Which state?	Maharashtra	Uttarakhand	Uttar pradesh	Hariyana	Uttarakhand	1
37	Kaziranga national park is situated in which state?	Haryana	Assam	West Bengal	Manipur	Assam	1
38	Gir national park is situated in _____.	Gujarat	Maharashtra	Kerala	Tamil nadu	Gujarat	1
39	Lion tailed macaque can be found in_____.	Gir national pa	Silent valley n	Sanjay gandhi	Tadoba nation	Silent Valley N	1
40	Project Tiger was launched in the year	2010	1989	2020	1973	1973	1
41	Extinct in wild means animal survived only in_____.	Wild	Burrows	Captivity	water	Captivity	1
42	_____Category means lowest risk of Extinction.	Vulnerable	Extinct	Least concern	Endangred	Least concern	1
43	_____is the oldest national park in India.	Jimcorbett nat	Borivili Nationa	Hemis nationa	Gir national pa	Jimcorbett nat	1
44	Project crocodile was launched in the year_____.	1975	2020	2021	1947	1975	1
45	Jim corbett National park is situated in Which state?	Maharashtra	Uttarakhand	Uttar pradesh	Hariyana	Uttarakhand	1
46	Kaziranga national park is situated in which state?	Haryana	Assam	West Bengal	Manipur	Assam	1
47	Gir national park is situated in _____.	Gujarat	Maharashtra	Kerala	Tamil nadu	Gujarat	1
48	Lion tailed macaque can be found in_____.	Gir national pa	Silent valley n	Sanjay gandhi	Tadoba nation	Silent Valley N	1
49	Ganges dolphin track their prey by_____	Vision	Scent	Running	Ultrasonic sou	Ultrasonic sou	1
50	The Silent valley was so called because of absence of sound produced by_____.	Tiger	Lion	Cicada	Dog	Cicada	1

SR.NO	QUESTIONS	A	B	C	D	ANSWER	POINTS
1	The great eco	Aristotle	Wynne Edwar	Darwin	Anton van lee	Wynne Edwar	1
2	Changes in th	Population Ec	Ecosystem	Population De	Population Dy	Population Dy	1
3	_____	crude populati	specific densit	both	none	specific densit	1
4	Measurement	Total Count	Natality	Mortality	Fecundity	Total Count	1
5	_____	Total Count	Quadrat Samp	Capture-Reca	Direct Count	Total Count	1
6	_____	Mortality	Fecundity	Density	Natality	Natality	1
7	_____	Realised natal	Potential natal	Ecological nat	Mortality	Potential natal	1
8	_____	Natality	Fecundity	Density	Mortality	Mortality	1
9	The natality of	D (at 't')=n/a	B=Nn/Nt'	D=Nd/Nt	F=W1/W2*N'	B=Nn/Nt'	1
10	The fecundity	D (at 't')=n/a	B=Nn/Nt'	D=Nd/Nt	F=W1/W2*N'	F=W1/W2*N'	1
11	Birth & death r	Sex ratio	Fecundity	Age structure	Density	Age structure	1
12	Post-reproduc	15-59 years	age above 59	none	14 years	age above 59	1
13	The age pyrar	stable populat	declining popu	fast growing p	Unstable popu	declining popu	1
14	The specific m	Sex ratio	Age pyramid	Density	Life tables	Life tables	1
15	Concept of "S	Elton	Joseph Grinne	GE Hutchinso	Kahl	Joseph Grinne	1
16	Which concep	Multidimensio	Spatial Niche	Hyper volume	Tropic Niche	Hyper volume	1
17	---------- is th	Ecosystem	Biotic	Temeprature	Abiotic	Ecosystem	1
18	Different food	Food web	Biotic	Abiotic	Detritus	Food web	1
19	Increase in ter	Increase	Decrease	Stable	Unstable	Increase	1
20	Mutualism is t	Positive	Negative	Spactculus	Biogenosis	Positive	1
21	Parasitism is t	Positive	Negative	Spactaculus	Biogenosis	Negative	1
22	Producers are	Ecosystem	Autotrophs	Heterotrophs	Homotrophs	Autotrophs	1
23	Running wate	lentic	lotic	deposition	Fertilizers	lentic	1
24	some amino a	Oxygen	Nitrogen	Sulphur	Water	Sulphur	1
25	Sulphur cycle	Gaseous	Sedimentary	Volatile	Liquified	Sedimentary	1
26	The aquatic sy	Salinity	pH	COD	BOD	Salinity	1
27	The decaying	Cladophora	Diatoms	Detritus	Grazers	Detritus	1
28	The parasites	Endoparasites	Obligate	Pathogenic	Ectoparasites	Ectoparasites	1
29	The transfer o	Lentic	Lotic	Food chain	Food web	Food chain	1
30	Which of the f	Producers	Consumers	Autotrophs	Decomposers	Decomposers	1
31	Which of the f	Pathogenic	Ectoparasites	Facultative	Obligate	Pathogenic	1
32	Which of the f	inverted pyran	food chain	connectance	trophic level	connectance	1
33	Which of the f	ecological pyr	ecological pyr	ecological pyr	ecological pyr	ecological pyr	1
34	sanjay Gandh	Krishnagiri nat	Jim Corbett Na	Rajiv Gandhi r	None of the ab	Krishnagiri nat	1
35	Brand animal	Leopard	One horned R	Tiger	Snow leopard	Leopard	1
36	Forest Owlet i	Least concern	Extinct	Critically Enda	None of the ab	Critically enda	1
37	Scientific Nam	*Panthera tigris*	*Panthera Leo*	*Panthera paro*	*Uncia uncia*	*Panthera tigris*	1
38	The Great Ind	Kaziranga nat	Silent valley n	Sanjay gandhi	Tadoba nation	Kaziranga nat	1
39	Which is the o	Gir national pa	Jim Corbett Na	Sanjay gandhi	Tadoba nation	Gir national pa	1
40	Bharatpur Birc	Borivili Nationa	Rajaji Nationa	Keoladeo Gha	Silent Valley n	Keoladeo Gha	1
41	_____ c	Vulnerable	Extinct	Least concern	Endangred	Extinct	1
42	In mauritius__	Cow	Goat	Dodo	Cat	Dodo	1
43	_____cat	Vulnerable	Not evaluated	Least concern	Endangred	Not evaluated	1
44	_____	Jammu	Borivili	Ratnagiri	Ernakulam	Borivili	1

45	Gharial belong	Extinct	Extinct in wild	Least concern	Critically enda	Critically enda	1
46	Major threat to	Poaching	pollution	acid rain	pesticides	pollution	1
47	Pngolins are c	Scaly anteater	Giants	Top predators	Dhole	Scaly anteater	1
48	Vulture popula	poaching	diclofenac	acid rain	Telmisartan	diclofenac	1
49	The Local nan	Sairandhrivan	Anandvan	Hemalkasa	Sirsi	Sairandhrivan	1
50	Pirotan Island	Trees	mangrooves	Corals	Bushes	Corals	1

SR.NO	QUESTION	A	B	C	D	CORRECT ANSWER	POINTS
1	The great ecologist _____ (1965) mentioned that population is a self regulating system.	Aristotle	Wynne Edwards	Darwin	Anton van leeuwenhoeck	Wynne Edwards	1
2	_____ is the study of number of organisms which determines their abundance & distribution.	Ecosystem	Ecology	Population Ecology	Population Dynamics	Population Ecology	1
3	_____ is generally expressed as the total number of inidividuals belonging to a particular species occupying a given habitat.	crude population density	specific density	ecological density	population ecology	crude population density	1
4	_____ is the total number individuals per unit area or volume of a habitat.	crude population density	specific density	both	none	specific density	1
5	Measurement of population density methods are _____.	Total Count	Natality	Mortality	Fecundity	Total Count	1
6	_____ method involves dividing the given habitat into quadrangular areas of certain predetermined dimensions.	Total Count	Quadrat Sampling Method	Capture-Recapture method	Direct Count	Quadrat Sampling Method	1
7	This method is used only for motile animals.	Total Count	Quadrat Sampling Method	Capture-Recapture method	Direct Count	Capture-Recapture method	1
8	_____ is the theoretical maximum production of new individuals under ideal conditions.	Realised natality	Potential natality	Ecological natality	Mortality	Potential natality	1
9	_____ may be define as loss of individuals of a species, due to death per unit time.	Natality	Fecundity	Density	Mortality	Mortality	1
10	Mortality can be calculated as, _____.	D (at 't')=n/a	B=Nn/Nt'	D=Nd/Nt	F=W1/W2*N'	D=Nd/Nt	1
11	_____ is defined as the average number of eggs that a female produces & also refers to the number of eggs present in the ovary assuming that all of them would be fertilized, laid & hatched to become new individuals.	Natality	Fecundity	Density	Mortality	Fecundity	1
12	The specific mortality & life expectancy at increasing age can be illustrated in _____	Sex ratio	Age pyramid	Density	Life tables	Life tables	1
13	Concept of "Spatial Niche" was proposed by _____.	Elton	Joseph Grinnell	GE Hutchinson	Kahl	Joseph Grinnell	1
14	Golden Period of Growth is also known as _____.	Death phase	Lag phase	Leg phase	Steady phase	Leg phase	1
15	Who obtained sigmoid growth curved for different animal species population.	Kahl	G F Gause	Charles Elton	Joseph Grinnell	G F Gause	1
16	Who developed the concept of Hyper Volume?	Charles Elton	G F Gause	G E Hutchinson	Kahl	G E Hutchinson	1
17	Determining terrestrial units, allocating codes, scheduling census, training personnel is classified as _____.	Preparatory Work	Analysis of results	Data Processing	Systemic recording of census	Preparatory Work	1
18	_____ includes the started, biochemical & behavioural adaptation of an organism.	Intrinsic mechanism	Life Tables	Extrinsic mechanism	Distribution Pattern	Intrinsic mechanism	1
19	Antibiosis is also known as_____.	Mutualism	Amensalism	Commensalism	parasites	Amensalism	1
20	In which of the following interaction both the individuals invovled are equally benefitted?	Mutualism	Commensalism	Predation	Amensalism	Mutualism	1
21	Oxygen combines with nitrogenous compounds to form ----------	Iron	Nitrates	Ferric oxides	sulphur	Nitrates	1
22	Producers are also called as chemotrophs as the get their energy from	Sunlight	Chemicals	Plants	Animals	Chemicals	1
23	Running water ecosystem is also called as _----------	lentic	lotic	deposition	Fertilizers	lentic	1
24	soil profile is broadly classified under which factor	Climatic	Edaphic	Inorganic	Organic	Edaphic	1
25	Sulphur cycle is referred as ----------cycle	Gaseous	Sedimentary	Volatile	Liquified	Sedimentary	1
26	The aquatic systems can be broadly classified into two types depending upon the ----------	Salinity	pH	COD	BOD	Salinity	1
27	The decaying organic wastes and dead matter derived from the grazing food chain is called as _____.	Cladophora	Diatoms	Detritus	Grazers	Detritus	1
28	The parasites lives on the surface of the body of host are called as _____.	Endoparasites	Obligate	Pathogenic	Ectoparasites	Ectoparasites	1
29	The relationship between the Abiotic and Biotic components of an ecosystem is called as	Ecology	Saprophytes	Holocoenosis	Components	Holocoenosis	1
30	Waters on the surfaces where light penetration is maximum have ----------temperature.	High	Low	Stable	Unstable	High	1
31	Which of the following interaction where one species is benefited while other is neither benefited nor harmed?	Mutualism	Commensalism	Predation	Amensalism	Commensalism	1
32	The feeding relationship and interaction between organisms in any ecosystems can be understood by _____ .	ecological pyramid	food web	food chain	ecology	food chain	1
33	sanjay Gandhi national park was previously known as_____	Krishnagiri national park	Jim Corbett National park	Rajiv Gandhi national park	None of the above	Krishnagiri national park	1
34	Tadoba national park is situated in _____.	Chandrapur	Mumbai	Ratnagiri	Nashik	Chandrapur	1
35	Forest Owlet is in Which IUCN category?	Least concern	Extinct	Critically Endangered	None of the above	Critically endangered	1
36	Scientific Name of The Bengal Tiger is_____.	*Panthera tigris tigris*	*Panthera Leo*	*Panthera pardus*	*Uncia uncia*	*Panthera tigris tigris*	1
37	Gir national park is situated in _____.	Gujarat	Maharashtra	Kerala	Tamil nadu	Gujarat	1
38	Lion tailed macaque can be found in_____.	Gir national park	Silent valley national park	Sanjay gandhi national park	Tadoba national park	Silent Valley National park	1
39	_____ category of IUCN means completely disappeared from earth	Vulnerable	Extinct	Least concern	Endangred	Extinct	1
40	In mauritius_____was the first animal to become extinct	Cow	Goat	Dodo	Cat	Dodo	1
41	_____category means not yet evaluated in any criteria.	Vulnerable	Not evaluated	Least concern	Endangred	Not evaluated	1
42	Project crocodile was launched in the year_____.	1975	2020	2021	1947	1975	1
43	_____is the oldest national park in India.	Jimcorbett national park	Borivili National Park	Hemis national park	Gir national park	Jimcorbett national park	1
44	Project crocodile was launched in the year_____.	1975	2020	2021	1947	1975	1
45	Major threat to pangolin is_____.	Poaching	pollution	acid rain	pesticides	pollution	1
46	Ganges dolphin track their prey by_____	Vision	Scent	Running	Ultrasonic sound	Ultrasonic sound	1
47	Vulture population declined in India due to_____.	poaching	diclofenac	acid rain	Telmisartan	diclofenac	1
48	The Local name for Silent valley National park is_____.	Sairandhrivanam	Anandvan	Hemalkasa	Sirsi	Sairandhrivanam	1
49	Pirotan Island marine national park is considered as Rainforest of_____.	Trees	mangrooves	Corals	Bushes	Corals	1
50	Kanheri caves are situated in which National park?	Jim Corbett National park	Harileys national park	Guindy national park	Sanjay Gandhi national park	Sanjay Gandhi national park	1