

Time: One Hour

Max. Marks: 50

instructions

- solve any 25 questions from Q.1 to Q.30
- solve any 25 questions from Q.31 to Q.60

- The term ecology is derived from Greek word.....  
(A)Eco and logus (B)Oikos and logy (C)Oikas and logus (D)Eco and logy
- The term eco term refers as.. .  
(A)Environment (B)Plant (C)organisms (D)Biometry
- Study of inter-relationship between a species and its environments in a forest is....  
(A)Ecology (B)forest ecology (C)Auctecology (D)Gynecology
- Heackel in .....Put forth the definition of ecology is total relations of animals to its organism and inorganic environment.  
(A)1859 (B)1849 (C)1869 (D)1896
- Population keeps on changing this means.....  
(A)Ethologic of population (B)population growth (C)Population (D)dynamic of population
- ..... Coined the term Hexicology.  
(A)Tayior (B)Hillarie (C)Mivart (D)None of these
- The plants which can grow well in the light called..  
(A)Long day plant (B)Day Natural plants (C)Sciophytes (D)Helophytes
- If thermal stratification is in upper layer of water called as.....  
(A)Epilimnion (B)metalimnion (C)Hypolimnion (D)None of these
- One of the following is a biotic compound of ecosystem.....  
(A)Consumers (B)Organisms (C)Coupling of minerals (D)All of these
- The temperature is high during day time and low during night time called.....  
(A)Thermal Variation (B)Diurnal Variation (C)Nocturnal Variation (D)None of these
- ..... are also called as endothermic animals.  
(A)Ectothermic (B)Poilcilothermic (C)Cold blooded (D)Homeothermic
- Factors relating to form and behavior of the earth surface are.....  
(A)Biotic (B)Topographic (C)Edaphic (D)Climatic
- The animal living in Polar Regions are..... colour.  
(A)White (B)Dark (C)Bright (D)Pale
- Visible light is indispensable for plants for the process of.....  
(A)Photoperiodic (B)Photoperiod (C)Photosynthesis (D)All of these
- According to.....rule fishes living in cold waters are more number of vertebrate than warm waters.  
(A)Bergman's rule (B)Rensch's rule (C)Jordan's rule (D)None of these
- Pseudo hibernation found in..... mammals.  
(A)Herbivorous (B)Omnivorous (C)Carnivorous (D)All of these
- What are biotic components.....  
(A)Living & Non- living components (B)Non- living components (C)The living components (D)None of these
- The parasite live inside the cells of host called as.....  
(A)Intra- cellular parasite (B)Intercellular parasite (C)Endo parasite (D)All of these
- Plants which prefer extreme sunlight are called.....  
(A)Sciophytes (B)Xerophytes (C)Halophytes (D)Heliophytes
- Symbiosis means.....  
(A)Mutually beneficial partnership (B)Harmful organisms (C)A process advantageous to only one (D)All of these
- Rhinoceros and pecker bird show.....  
(A)Mutualism (B)Ammensalism (C)Commensalism (D)All of these
- The interaction in nature where one gets benefit on expense of other is.....  
(A)Commensalism (B)Parasitism (C)Predation (D)None of these
- Biotic potential refers to.....  
(A)Increase population under climatic condition (B)Increase population under natural condition (C)Increase population under optimum condition (D)Increase population under given condition
- Total number of individual in a unit area at a given time called as.....  
(A)Population density (B)Population regulation (C)Population size (D)All of these
- The curve shown by human population is.....  
(A)S- shaped (B)Z- shaped (C)J- shaped (D)None of these

## Examination October 2020

- 26 The most important factor for success of any animal population is.....
- (A)Adaptability (B)Natality (C)Unlimited food (D)All of these
- 27 Study of population is.....
- (A)Population graphic (B)Seismanastry (C)Demography (D)None of these
- 28 Mortality means.....
- (A)Death rate (B)Growth (C)Density (D)All of these
- 29 The apex of age pyramid of stationary population is.....
- (A)Almost equal to base (B)Very narrow (C)Broad (D)None of these
- 30 The percentage ratio of natality over mortality is defined as.....
- (A)Vital index (B)Population dynamics (C)Biotic potential (D)Population dynamics
- 31 .....is a not group of organisms of community.
- (A)Abiotic factor (B)Consumers (C)Decomposers (D)Producers
- 32 Which of the following are the type of consumers.
- (A)Carnivores (B)Herbivores (C)Omnivorous (D)All of these
- 33 Which of the following is a example of frog.
- (A)Carnivorous (B)Herbivores (C)Omnivorous (D)All of these
- 34 In the food chain the saprophytic organisms are.....
- (A)Consumers (B)Decomposers (C)Predator (D)Produced
- 35 Which of the following combination is more vulnerable.....
- (A)Tropical evergreen forest (B)Oceanic islands communities (C)Halophytes (D)Temperate forests
- 36 A food chain start with.....
- (A)Respiration (B)Nitrogen fixation (C)Photosynthesis (D)Decay
- 37 The biotic community together with its non living environment from an inter acting working system called.....
- (A)Ecology (B)Cytology (C)Ecosystem (D)All of these
- 38 Which of the following are the types of consumers; Herbivores
- (A)Grasshopper (B)Frog (C)Rat (D)None of these
- 39 Decomposers includes.....
- (A)Dog (B)Fish (C)Lion (D)Bacteria
- 40 A pond is a.....
- (A)A community of plant (B)A natural ecosystem (C)A biome (D)All of these
- 41 Vertical Stranfication is found in.....community.
- (A)Aquatic (B)Forest (C)Grassland (D)All of these
- 42 In any food chain the largest population is that of.....
- (A)Decomposers (B)Primary communities (C)Producers (D)All of these
- 43 Pond Community transformed into a marshy land community is example.
- (A)Ectone (B)Ecological succession (C)Tropic niche (D)None of these
- 44 The word ecosystem was coined by.....
- (A)Taylor (B)Tansley (C)Odum (D)Hillarie
- 45 Cropland are example of..... ecosystem.
- (A)Artificial (B)Natural (C)Mega (D)Micro
- 46 Which of the following food chain is correct food chain of pond.
- (A)Phytoplankton- Fishes- Man (B)Phytoplankton- Zooplankton- Fishes- Decomposers (C)Zooplankton- Snakes- Birds- Hawk (D)Plant- Fishes- Snakes- Hawk
- 47 Marine ecosystem is includes in.....
- (A)Mega ecosystem (B)Macro ecosystem (C)Micro ecosystem (D)All of these'
- 48 Tropical rain forest found in.....
- (A)Africa (B)Australia (C)India (D)All of these
- 49 Which of the following are in limnetic zone are exist
- (A)Nekton (B)Neuston (C)Plankton (D)All of these
- 50 The Largest Ecosystem in the world in Contributed by.....
- (A)Oceans (B)Grasslands (C)Rivers (D)Forest
- 51 Pneumatophores are found in vegetation of which ecosystem.
- (A)Minerals (B)Energy (C)Food (D)All of these
- 52 An ecosystem must have continuous external source of.....
- (A)Minerals (B)Energy (C)Food (D)All of these
- 53 Phytoplankton's of a pond ecosystem are as.....
- (A)Primary Consumers (B)Secondary Consumers (C)Producers (D)Decomposers
- 54 Which of the following in Tertiary consumers.
- (A)Tiger (B)Lizards (C)Birds (D)All of these

## Examination October 2020

55 Which of the following are Dynamic of Ecosystem.

- (A)Energy flow in Ecosystem      (B)Food chain & Energy pyramid      (C)Biogeochemical cycle      (D)All of these

56 The final stage of succession is called the.....

- (A)Climax      (B)Nudation      (C)Dispersal      (D)None of these

57 Which of the following is aspect of Ecological niche

- (A)Trophic niche      (B)Habitat niche      (C)Hyper volume niche      (D)All of these

58 One of the following consist the population from going beyond its limit.....

- (A)Family, Planning, Programmer      (B)Environmental resistance      (C)Storage of food supply      (D)None of these

59 The association of animals where both pertness are benefited will be.....

- (A)Commensalism      (B)Mutualism      (C)Colonial      (D)Ammensalism

60 The study of marine organisms is relation to their environment is called.....

- (A)Hlstography      (B)Biography      (C)Oceanography      (D)Geography