ORGANISMS AND POPULATIONS PYQ

AIPMT 2006

- **1.** Niche overlap indicates
 - (1) sharing of one or more resources between the two species
 - (2) mutualism between two species
 - (3) active cooperation between two species
 - (4) two different parasites on the same host

AIPMT 2007

- 2. Which one of the following ecosystem types has the highest annual net primary productivity
 - (1) Temperate deciduous forest
 - (2) Tropical rain forest
 - (3) Tropical deciduous forest
 - (4) Temperate evergreen forest
- **3.** A high density of elephant population in an area can result in :-
 - (1) Predation on one another
 - (2) Mutualism
 - (3) Intra specific competition
 - (4) Inter specific competition
- **4.** Geometric representation of age structure is a characteristic of :-
 - (1) Ecosystem
- (2) Biotic community
- (3) Population
- (4) Landscape

AIPMT 2008

- **5.** Quercus species are the dominant component in :-
 - (1) Scrub forests
 - (2) Tropical rain forests
 - (3) Temperate deciduous forests
 - (4) Alpine forests
- 6. The table below gives the populations (in thousands) of ten species (A J) in four areas (a d) consisting of the number of habitats given within brackets against each. Study the table and answer the question which follows:-

Area and	Species and their populations (in thousands) in the area										
Number of habitats	Α	В	С	D	Е	F	G	Н	1	J	
a (11)	2.3	1.2	0.52	6		3.1	1.1	9	-	10.3	
b (11)	10.2	-	0.62	-	1.5	3	-	8.2	1.1	11.2	
c (13)	11.3	0.9	0.48	2.4	1.4	4.2	0.8	8.4	2.2	4.1	
d (12)	3.2	10.2	11.1	4.8	0.4	3.3	0.8	7.3	11.3	2.1	

Which area out of a to d shows maximum species diversity?

(1) d

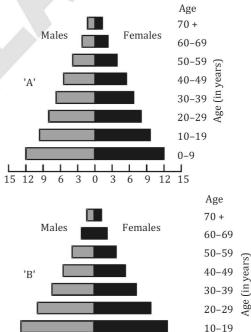
(2)a

(3)b

(4)c

AIPMT 2009

- **7.** Reduction in vascular tissue, mechanical tissue and cuticle is characteristic of:-
 - (1) Hydrophytes
- (2) Xerophytes
- (3) Mesophytes
- (4) Epiphytes
- 8. A country with a high rate of population growth took measures to reduce it. The figure below shows age-sex pyramids of populations A and B twenty years apart. Select the correct interpretation about them:



(1) "A" is the earlier pyramid and no change has occurred in the growth rate

0 - 9

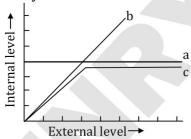
- (2) "A" is more recent and shows slight reduction in the growth rate
- (3) "B" is the earlier pyramid and shows stabilised growth rate
- (4) "B" is more recent showing that population is very young

AIPMT 2010

- **9.** Which one of the following is one of the characteristics of a biological community?
 - (1) Sex-ratio
- (2) Stratification
- (3) Natality
- (4) Mortality
- **10.** Study the four statements (a-d) given below and select the two correct ones out of them
 - (a) A lion eating a deer and a sparrow feeding on grain are ecologically similar in being consumers
 - (b) Predator star fish Pisaster helps in maintaining species diversity of some invertebrates
 - (c) Predators ultimately lead to the extinction of prey species
 - (d) Production of chemicals such as nicotine, strychnine by the plants are metabolic disorders

The two correct statements are:

- (1) (a) and (b)
- (2) (b) and (c)
- (3) (c) and (d)
- (4) (a) and (d)
- 11. The figure given below is a diagrammatic representation of response of organisms to abiotic factors. What do a, b and c represent respectively?



	(a)	(b)	(c)
(1)	regulator	conformer	partial
			regulator
(2)	conformer	regulator	partial
			regulator
(3)	regulator	partial	conformer
		regulator	
(4)	partial	regulator	conformer
	regulator	086	

- **12.** Which one of the following is a xerophytic plant in which the stem is modified into a flat, green and succulent structure?
 - (1) Casuarina
- (2) Hydrilla
- (3) Acacia
- (4) Opuntia

- **13.** Which one of the following is most appropriately defined?
 - (1) Amensalism is a relationship in which one species is benefited where as the other is unaffected.
 - (2) Predator is an organism that catches and kills other organism for food.
 - (3) Parasite is an organism which always lives inside the body of other organism and may kill it.
 - (4) Host is an organism which provides food to another organism.

AIPMT 2011

- **14.** Large Woody Vines are more commonly found in
 - (1) Temperate forests
 - (2) Mangroves
 - (3) Tropical rainforests
 - (4) Alpine forests
- **15.** Consider the following four conditions (a d) and select the correct pair of them as adaptation to environment in desert lizards. The conditions:-
 - (a) Burrowing in soil to escape high temperature
 - (b) Losing heat rapidly from the body during high temperature
 - (c) Bask in sun when temperature is low
 - (d) Insulating body due to thick fatty dermis **Options:**
 - (1) (c), (d)
- (2) (a), (c)
- (3) (b), (d)
- (4) (a), (b)
- **16.** Which one of the following is categorised as a parasite in true sense?
 - (1) The female Anopheles bites and sucks blood from humans.
 - (2) Human foetus developing inside the uterus draws nourishment from the mother.
 - (3) Head louse living on the human scalp as well as laying eggs on human hair.
 - (4) The cuckoo (koel) lays its eggs in crow's nest.

- 17. Consider the following statements (A)-(D) each with one or two blanks.
 - (A) Bears go into(1) during winter to(2) cold weather
 - (B) A conical age pyramid with a broad base represents(3)..... human population.
 - (C) A wasp pollinating a fig flower is an example of(4).....
 - (D) An area with high levels of species richness is known as(5)......

Which one of the following options, gives the correct fill ups for the respective blank numbers from (1) to (5) in the statements?

- (1) (1) hibernation, (2) escape,
 - (3) expanding, (5) hot spot,
- (2) (3) stable (4) commensalism,
 - (5) marsh
- (3) (1) aestivation, (2) escape,
 - (3) stable, (4) mutualism
- (4) (3) expanding, (4) commensalism,
 - (5) biodiversity park
- 18. What type of human population is represented by the following age pyramid?

Post-reproductive



- (1) Vanishing population
- (2) Stable population
- (3) declining population
- (4) Expanding population
- 19. The logistic population growth is expressed by the equation:

(1)
$$\frac{dN}{dt} = rN\left(\frac{N-K}{N}\right)$$
 (2) $\frac{dt}{dN} = rN\left(\frac{K-N}{K}\right)$

(2)
$$\frac{dt}{dN} = rN \left(\frac{K - N}{K} \right)$$

(3)
$$\frac{dN}{dt} = rN\left(\frac{K-N}{K}\right)$$
 (4) $\frac{dN}{dt} = rN$

AIPMT 2012

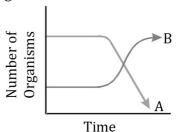
- 20. People who have migrated from the planes to an area adjoining Rohtang pass about six months back:
 - (1) suffer from altitude sickness with symptoms like nausea, fatigue, etc.
 - (2) have the usual RBC count but their haemoglobin has very high binding affinity to O₂
 - (3) have **RBCs** their more and haemoglobin has a lower binding affinity to O₂
 - (4) are not physically fit to play games like football.
- 21. Cuscuta is an example of :-
 - (1) Predation
- (2) Endoparasitism
- (3) Ectoparasitism
- (4) Brood parasitism

AIPMT 2013

- 22. A sedentary sea anemone gets attached to the shell lining of hermit crab. The association is:
 - (1) Amensalism
- (2) Ectoparasitism
- (3) Symboisis
- (4) Commensalism

AIPMT 2015

- 23. Most animals are tree dwellers in a:-
 - (1) Thorn woodland
 - (2) Temperate deciduous forest
 - (3) Tropical rain forest
 - (4) Coniferous forest
- 24. Vertical distribution of different species occupying different levels in a biotic community is known as:
 - (1) Stratification
- (2) Zonation
- (3) Pyramid
- (4) Divergence
- 25. The following graph depicts changes in two populations (A and B) of herbivores in a grassy field A possible reason for these changes is that:



- (1) Population B competed more successfully for food than population A
- (2) Population A produced more offspring than population B
- (3) Population A consumed the members of population B
- (4) Both plant populations in this habitat decreased
- **26.** In which of the following interactions both partners are adversely affected?
 - (1) Mutualism
- (2) Competition
- (3) Predation
- (4) Parasitism

NEET-I 2016

27. When does the growth rate of a population following the logistic model equal zero? The

logistic model is given as $\frac{dN}{dt} = rN\left(1 - \frac{N}{K}\right)$:-

- (1) when N/K is exactly one.
- (2) when N nears the carrying capacity of the habitat.
- (3) when N/K equals zero.
- (4) when death rate is greater than birth rate.
- **28.** Gause's principle of competitive exclusion states that:
 - (1) More abundant species will exclude the less abundant species through competition.
 - (2) Competition for the same resources excludes species having different food preferences.
 - (3) No two species can occupy the same niche indefinitely for the same limiting resources.
 - (4) Larger organisms exclude smaller ones through competition.
- **29.** Which of the following would appear as the pioneer organisms on bare rocks?
 - (1) Lichens
- (2) Liverworts
- (3) Mosses
- (4) Green algae

NEET-II 2016

- **30.** The principle of competitive exclusion was stated by:-
 - (1) MacArthur
 - (2) Verhulst and Pearl
 - (3) C. Darwin
 - (4) G.F. Gause

NEET-UG 2017

- **31.** Asymptote in a logistic growth curve is obtained when:
 - (1) K = N
 - (2) K > N
 - (3) K < N
 - (4) The value of 'r' approaches zero
- **32.** Presence of plants arranged into well defined vertical layers depending on their height can be seen best in:
 - (1) Tropical Rain Forest
 - (2) Grassland
 - (3) Temperate Forest
 - (4) Tropical Savannah
- **33.** Mycorrhiza are the example of :
 - (1) Amensalism
 - (2) Antibiosis
 - (3) Mutualism
 - (4) Fungistasis
- 34. In a hypothetical population of 100 individual having 'r' = 0.5/female/year, what will be the population size in 6 years (with e = 2.72) showing exponential rate of growth?
 - (1)1218
- (2)739
- (3)2012
- (4)448

NEET-UG 2018

- **35.** Niche is
 - (1) all the biological factors in the organism environment
 - (2) the physical space where an organism live
 - (3) the range of temperature that the organism needs to live
 - (4) the functional role played by the organism where it lives
- **36.** Which one of the following plants shows a very close relationship with a species of moth, where none of the two can complete its life cycle without the other?
 - (1) Hydrilla
- (2) Yucca
- (3) Banana
- (4) Viola
- **37.** Which of the following flowers only once in its life-time?
 - (1) Bamboo species
- (2) Jack fruit
- (3) Mango
- (4) Papaya

- **38.** Natality refers to
 - (1) Death rate
 - (2) Birth rate
 - (3) Number of individuals leaving the habitat
 - (4) Number of individuals entering a habitat
- **39.** In a growing population of a country
 - (1) pre-reproductive individuals are more than the reproductive individuals.
 - (2) reproductive individuals are less than the post-reproductive individuals.
 - (3) reproductive and pre-reproductive individuals are equal in number.
 - (4) pre-reproductive individuals are less than the reproductive individuals.

NEET-UG 2019 (Odisha)

- **40.** Carnivorous animals lions and leopards, occupy the same niche but lions predate mostly larger animals and leopards take smaller ones. This mechanism of competition is referred to as:-
 - (1) Character displacement
 - (2) Altruism
 - (3) Resource partitioning
 - (4) Competitive exclusion
- **41.** Match Column-I with Column-II.

(Column-I		Column-II				
(a)	Saprophyte	(i)	Symbiotic				
			association of				
			fungi with plant				
			roots				
(b)	Parasite	(ii)	Decomposition				
			of dead organic				
			materials				
(C)	Lichens	(iii)	Living on living				
			plants or				
			animals				
(d)	Mycorrhiza	(iv)	Symbiotic				
			association of				
	_		algae and fungi				

Choose the correct answer from the options given below:

		61 >		c 13
	(a)	(b)	(c)	(d)
(1)	(i)	(ii)	(iii)	(iv)
(2)	(iii)	(ii)	(i)	(iv)
(3)	(ii)	(i)	(iii)	(iv)
(4)	(ii)	(iii)	(iv)	(i)

- **42.** Between which among the following, the relationship is not an example of commensalism?
 - (1) Orchid and the tree on which it grows
 - (2) Cattle Egret and grazing cattle
 - (3) Sea Anemone and Clown fish
 - (4) Female wasp and fig species

NEET-UG 2020

- **43.** Which of the following is not an attribute of a population?
 - (1) Species interaction (2) Sex ratio
 - (3) Natality
- (4) Mortality
- **44.** Match the items in Column-I with those in Column-II:

Column I Column II

- (a) Herbivores-Plants (i) Commensalism
- (b) Mycorrhiza-Plants (ii) Mutualism
- (c) Sheep-Cattle
- (iii) Predation
- (d) Orchid-Tree
- (iv) Competition
- Select the correct option from following:
- (1) (a)-(iv), (b)-(ii), (c)-(i), (d)-(iii)
- (2) (a)-(iii), (b)-(ii), (c)-(iv), (d)-(i)
- (3) (a)-(ii), (b)-(i), (c)-(iii), (d)-(iv)
- (4) (a)–(i), (b)–(iii), (c)–(iv), (d)–(ii)
- **45.** The impact of immigration on population density is :-
 - (1) Negative
 - (2) Both positive and negative
 - (3) Neutralized by natality
 - (4) Positive

AIPMT 2021

- **46.** Inspite of interspecific competition in nature, which mechanism the competing species might have evolved for their survival?
 - (1) Resource partitioning
 - (2) Competitive release
 - (3) Mutualism
 - (4) Predation
- **47.** Amensalism can be represented as :
 - (1) Species A (-); Species B (0)
 - (2) Species A (+); Species B (+)
 - (3) Species A (-); Species B (-)
 - (4) Species A (+); Species B (0)

- 48. In the exponential growth equation $N_t = N_0 e^{rt}$, e represents:
 - (1) The base of number logarithms
 - (2) The base of exponential logarithms
 - (3) The base of natural logarithms
 - (4) The base of geometric logarithms
- **49.** Match List-I with List-II.

	List-I		List-II
(a)	Allen's Rule	(i)	Kangaroo rat
(b)	Physiological	(ii)	Desert lizard
	adaptation		
(c)	Behavioural	(iii)	Marine fish at
	adaptation		depth
(d)	Biochemical	(iv)	Polar seal
	Adaptation		

Choose the correct answer from the options given below.

- (1) (a)-(iv), (b)-(ii), (c)-(iii), (d)-(i)
- (2) (a)-(iv), (b)-(i), (c)-(iii), (d)-(ii)
- (3) (a)-(iv), (b)-(i), (c)-(ii), (d)-(iii)
- (4) (a)-(iv), (b)-(iii), (c)-(ii), (d)-(i)
- **50. Assertion (A):** A person goes to high altitude and experiences 'altitude sickness' with symptoms like breathing difficulty and heart palpitations.

Reason (R): Due to low atmospheric pressure at high altitude, the body does not get sufficient oxygen.

In the light of the above statements, choose the correct answer from the options given below.

- (1) Both (A) and (R) are true and (R) is the correct explanation of (A)
- (2) Both (A) and (R) are true but (R) is not the correct explanation of (A)
- (3) (A) is true but (R) is false
- (4) (A) is false but (R) is true
- 51. If a pond has 40 lotus plants last year and through reproduction 8 new plants are added, taking the current population to 48, what will be the birth rate?
 - (1) 0.6 offspring per lotus per year
 - (2) 0.5 offspring per lotus per year
 - (3) 0.2 offspring per lotus per year
 - (4) 0.1 offspring per lotus per year

NEET-UG 2022

- **52.** Which one of the following statements cannot be connected to Predation?
 - (1) It might lead to extinction of a species
 - (2) Both the interacting species are negatively impacted
 - (3) It is necessitated by nature to maintain the ecological balance
 - (4) It helps in maintaining species diversity in a community
- 53. While explaining interspecific interaction of population, (+) sign is assigned for beneficial interaction, (-) sign is assigned for detrimental interaction and (0) for neutral interaction. Which of the following interactions can be assigned (+) for one species and (-) for another species involved in the interaction?
 - (1) Amensalism
- (2) Commensalism
- (3) Competition
- (4) Predation
- 54. Two butterfly species are competing for the same nectar of a flower in a garden. To survive and coexist together, they may avoid competition in the same garden by:
 - (1) feeding at the same time
 - (2) choosing different foraging patterns
 - (3) increasing time spent on attacking each other
 - (4) predating on each other
- **55.** The pioneer species in a hydrarch succession are :
 - (1) Free-floating angiosperms
 - (2) Submerged rooted plants
 - (3) Phytoplanktons
 - (4) Filamentous algae
- **56.** The species that come to appear in bare area are called:
 - (1) Pioneer species
 - (2) Invasive species
 - (3) Competitive species
 - (4) Species of seral community
- 57. All successions irrespective of the habitat proceed to which type of climax community?
 - (1) Xeric
- (2) Mesic
- (3) Hydrophytic
- (4) Edaphic

EXERCISE-II (Previous Year Questions) ANSWER KEY												KEY			
Question	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Answer	1	2	3	3	3	1	1	2	2	1	1	4	2	3	2
Question	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Answer	3	1	3	3	3	3	4	3	1	1	2	1	3	1	4
Question	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
Answer	1	1	3	3	4	2	1	2	1	3	4	4 <	1	2	4
Question	46	47	48	49	50	51	52	53	54	55	56	57			
Answer	1	1	3	3	1	3	2	4	2	3	1	2			

SOLUTION

6. Species Div. =
$$\frac{\text{No. of species}}{\text{No. of habitats}}$$

For a species Div. =
$$\frac{2.3+1.2+0.52+6+3.1+1.1+9+10.3}{11} = \frac{33.52}{11} = 3.04$$

For b species Div. =
$$\frac{10.2 + 0.62 + 1.5 + 3 + 8.2 + 1.1 + 11.2}{11} = \frac{35.82}{11} = 3.25$$

For c species Div. =
$$\frac{11.3 + 0.9 + 0.48 + 2.4 + 1.4 + 4.2 + 0.8 + 8.4 + 2.2 + 4.1}{13} = \frac{36.18}{13} = 2.78$$

For d species Div. =
$$\frac{3.2 + 10.2 + 11.1 + 4.8 + 0.4 + 3.3 + 0.8 + 7.3 + 11.3 + 2.1}{12} = \frac{54.5}{12} = 4.5$$

34. Given:

$$N_0 = 100$$
, $N_t = ?$, $r = 0.5$, $t = 6 yrs$

$$N_0 = N_t e^{rt}$$

$$= 100 \times 2.72^{(0.5 \times 6)}$$

$$= 100 \times 2.72^3$$

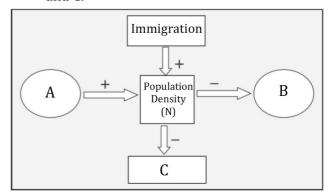
$$= 100 \times 20.12$$

$$N_t = 2012$$

EXERCISE-III (A) NCERT BASED QUESTIONS

- **1.** Select the statement which explains best parastism:-
 - (1) One organism is benefited
 - (2) Both the organism are benefited
 - (3) One organism is benefited, other is not affected
 - (4) One organism is benefited, other is affected
- **2.** The role of an organism in the ecological system is known as
 - (1) Habitat
 - (2) Herbivory
 - (3) Niche
 - (4) Interaction
- **3.** Select the statement which best explains commensalism:-
 - (1) One organism is benefited
 - (2) Both the organisms are benefited
 - (3) One organism is benefitted, other is not affected
 - (4) One organism is benefitted, other is affected.
- **4.** Community is defined as aggregation of :-
 - (1) Individuals of the same kind
 - (2) Individuals of same species
 - (3) Individuals of a population
 - (4) Populations of different species.
- **5.** Parasite can be explained as an organism which depends on others:-
 - (1) For food
 - (2) For shelter
 - (3) For both food and shelter
 - (4) For Reproduction
- **6.** An orchid plant growing on the branch of mango tree, what is the interaction between orchid & mango?
 - (1) Parasitism
 - (2) Commensalism
 - (3) Protocoperation
 - (4) Mutualism

- 7. Mark the important defence mechanism in plants against herbivory:-
 - (1) Spines
- (2) Toxic Chemical
- (3) Both (1) & (2)
- (4) None of these
- **8.** Species A (-) & Species B(o) shows the following Interaction:-
 - (1) Amensalism
- (2) Predation
- (3) Mutualism
- (4) Competition
- **9.** The age pyramid with broad base indicates:-
 - (1) High percentage of young individuals
 - (2) Low percentage of young individuals
 - (3) High percentage of old individuals
 - (4) Low percentage of old individuals
- **10.** In a decline population of a country:-
 - (1) Number of pre reproductive is more than reproductive.
 - (2) Number of pre reproductive is less than reproductive.
 - (3) Number of pre reproductive is equal to reproductive.
 - (4) Reproductive are less than post reproductive.
- **11.** In the diagram given above, which of the following option correctly represents A, B and C.



- (1) A = Death rate, B = Birth rate,
 - C = Emigration
- (2) A = Birth rate, B = Death rate,
 - C = Emigration
- (3) A = Emigration, B = Death rate,
 - C = Birth rate
- (4) A = Death rate, B = Emigration,
 - C = Birth rate

- 12. Which of the following equation is/are correct for the population density (N) at time t+1?
 - N = Density at time 't'
 - B = Natality
 - D = Mortality
 - I = Immigration
 - E = Emigration
 - (A) N = N + [(B + I) (D + E)]
 - (B) N = N + [(B D) + (I E)]
 - (C) N = N + [(B + I) + (D + E)]
 - (D) N = N [(B D) + (I E)]
 - (1) Only A
 - (2) Only A and B
 - (3) Only C
 - (4) A, B, C and D
- 13. In a population there are higher number of prereproductive individuals, moderate number of reproductive individuals and less post reproductive individuals are present. This type of population represents:-
 - (1) Population of developed countries
 - (2) Population of developing country
 - (3) Stable growth
 - (4) Declining population
- **14.** In a new habitat which is just being colonised which will play significant role in population growth:-
 - (1) Birth rate
 - (2) Emigration
 - (3) Migration
 - (4) Immigration

EXERCISE-III (B) (ANALYTICAL QUESTIONS)

- **15**. Lichens can be used as :-
 - (1) Bio-indicator for air pollution
 - (2) Initial vegetation for waste lands.
 - (3) Source of wood.
 - (4) To check the air pollution.
- **16**. What will happen if the number of organism increased at a place:-
 - (1) Inter species competition
 - (2) Intra species competition
 - (3) Both
 - (4) None

- **17.** Two different species can not live for long duration in the same niche or habitat. This law is:
 - (1) Allen's law
 - (2) Bergman's ruls
 - (3) Competitive exclusion principal
 - (4) Weiseman's theory
- **18.** Which of the following is a correct pair :
 - (1) Cuscuta parasite
 - (2) *Dischidia* insectivorous
 - (3) Opuntia predator
 - (4) Capsella hydrophyte
- **19.** July 11 is observed as :-
 - (1) World Population Day
 - (2) No Tobacco Day
 - (3) World Environment Day
 - (4) World Health Day
- **20**. Which one of the following correctly represents an organism and its ecological niche?
 - (1) Vallisneria and pond
 - (2) Desert locust *(Schistocerca)* and desert
 - (3) Plant lice (aphids) and leaf
 - (4) Vultures and dense forest
- **21.** In a population birth rate is 0.15 and death rate is 0.08 during a unit time period. What is the value of r (intrinsic rate of natural increase) for given population?
 - (1) 0.23
 - (2) 0.07
 - (3) 0.05
 - (4) 0.25
- **22.** A population has more young individuals, compared to older individuals. What would be the status of the population after some years:
 - (1) It will decline
 - (2) It will stabilize
 - (3) It will first decline and then stabilize
 - (4) It will increase

- **23.** In a month of January Siberian cranes migrate from Russia to India for breeding, a survey was done
 - Till December total population of Siberian cranes = 1200

Birth rate = 400

Mortality rate = 200

Number of cranes immigrated = 600

Number of cranes emigrated = 300

Calculate the total population

- (1) 1500
- (2) 1000
- (3)2000
- (4) 1700
- **24.** If a population of 50 Paramoecium present in a pool increase to 150 after an hour, what would be the growth rate of population?
 - (1) 50 per hours
 - (2) 200 per hour
 - (3) 5 per hour
 - (4) 100 per hour

- **25**. Lichens are well known combination of an alga and a fungus where fungus has:
 - (1) An epiphytic relationship with the alga
 - (2) A parasitic relationship with the alga
 - (3) A symbiotic relationship with the alga
 - (4) A saprophytic relationship with the alga
- **26.** Which one of the following is a matching pair of certain organism(s) and the kind of association
 - (1) Shark and sucker fish-commensalism
 - (2) Algae and fungi in lichens-mutualism
 - (3) Orchids growing on trees-parasitism
 - (4) *Cuscuta* (dodder) growing on other flowering plants-predation
- **27.** The Great Barrier Reef along the east coast of Australia can be categorized as
 - (1) Population
- (2) Community
- (3) Ecosystem
- (4) Biome

EXERCISE - III ANSWER KEY

Question	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Answer	4	3	3	4	3	2	3	1	1	2	2	2	2	4	1
Question	16	17	18	19	20	21	22	23	24	25	26	27			
Answer	3	3	1	1	1	2	4	4	4	3	1	3			