

SARDAR PATEL UNIVERSITY
F.Y.B.B.A. (First Semester) (CBCS) EXAMINATION
2010
Thursday, 25th November
2.30 p.m. to 4.30 p.m.
UM01SBBA01 : Environment Studies

Maximum Marks : 60

Note:- Answers of all the questions (including multiple choice questions) should be written in the provided answer book only.

Notes :(I) Figures to the right indicates marks. (II) Justify your answers with time & marks

Q-1 (A) Correct, false statements and write true ones. **(05)**

- i Environment is always static.
- ii Equitable use of natural resources is inevitable for sustainable lifestyles.
- iii Agricultural crops is called non renewable resources.
- iv Living organs are the only component of natural environment.
- v Geography wise India has 7th Rank, among all countries of the world.

(B) Define Environmental studies and give, its importance. Examine renewable & non- renewable resources. **(10)**

OR

Q-1 (A) Match X & Y **(5)**

	X		Y
i	Minerals	i	Renewable resource
ii	Climate	ii	Living organ
iii	Fibers	iii	Non-renewable resource
iv	Plants	iv	Non-living organ
v	Social Environment	v	Cultural Aspects.

(B) Give, Scope of environmental studies & discuss, equitable use of resources for sustainable lifestyle. **(10)**

Q-2 (A) Fill in the blanks with correct choice from brackets. **(05)**

- i The natural forest on earth is _____ %age, where as forest plantation is _____ %age of total forest.
(95% & 5%, 70% & 30%, 85% & 15%)
- ii The quantum of salts present in water is known as _____.
(Salinity, Erosion, Logging)
- iii Standing trees, as a potential economic resources are known as _____.
(Timber, Garden, Wood)
- iv Fresh water are from 3 types of natural resources, viz. Inland water, _____ water & Surface water. (Dam, River, Ground)

v Sandstone & granite are called _____ resources.
(Soil, Forest, Mineral)

(B) Discuss, the problems & prospects of forest & mineral resources for a better human life. (10)

OR

Q-2 (A) Correct the false statements and write true ones. (5)

i Mineral resources does not need to be conserve by individual, but in group only.

ii Conservation of natural resources must be done by only developing countries.

iii Water resources is 71% of total area of earth.

iv Limestone is categorized in mineral resources.

v Oak & pine are metals forms of resources.

(B) Give the importance of water & land resources and explain the mode of conservation of both resources. (10)

Q-3 (A) Fill in the blanks with correct choice from brackets. (5)

i Deserts cover about _____ of earth's surface.
(1/4th, 1/5th, 1/6th)

ii Ecosystem is sum total of abiotic, biotic & _____ components.
(Social, Cultural, Psychological)

iii Marine region cover about _____ of earth's surface.
(3/4th, 1/4th, 1/2)

iv In cold forest, the temperature is very _____. (Low, High, Medium)

v The biggest desert on earth is located in _____.
(India, Australia, Africa)

(B) Clarify the concept & structure of ecosystems. (5)

(C) Discuss, on threats of forest as important ecosystems. (5)

OR

Q-3 (A) Match X & Y in correct order. (5)

X		Y	
i	Inorganic substances	i	Protein, Carbohydrate
ii	Biotic components	ii	Water, Carbon, Nitrogen
iii	Autotrophs	iii	All living organisms
iv	Organic substances	iv	Self nourishing
v	Heterotrophs	v	Other nourishing

- (B) Write notes on: (5)
- i Function of ecosystems
 - ii Types of ecosystems.
- (C) Differentiate between Desert & Aquatic ecosystem. (5)

- Q-4 (A) Correct, false statements & write true ones. (5)
- i The word biodiversity was coined by E.O. Wilson.
 - ii The diversity among species is not a part of biodiversity.
 - iii Hotspot of biodiversity is a spot with many endemic species.
 - iv Poaching of wild life is the practice of pursuing animals to capture or kill them.
 - v Endangered species is species whose population is very large.

- (B) Write notes on: (5)
- i Biodiversity - an introduction.
 - ii Types of Biodiversity.
- (C) Differentiate between Global level & Local level(Indian) biodiversity. (5)

OR

- Q-4 (A) Fill in the blanks with correct choice from brackets. (5)
- i India is one of the _____ mega biodiversity countries of the world.
(10, 12, 15)
 - ii India is divided into _____ bio-geographic regions.
(07, 09, 10)
 - iii In Asia, India is having _____ rank in plant diversity.
(4th, 5th, 6th)
 - iv India has two "Hotspots" viz. Eastern Himalaya & _____.
(Aravalli, Western Ghats, Eastern Ghats.)
 - v _____ is categorized as endangered mammals.
(Cow, Deer, Tiger)
- (B) Give, your understanding for "India as a mega diversity nation". (5)
- (C) Write on "Threats & Conservation of Biodiversity. (5)

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