

**Question Bank (G scheme)**

**Name of subject: ENVIRONMENTAL STUDIES**

**Subject code: 17401**

**Semester: IV**

**Unit Test: I**

**Course: ALL**

**Each question carries ½ marks**

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- 1) In ecosystem, which one shows one way passage?
  - a) Nitrogen
  - b) Carbon
  - c) Potassium
  - d) Free energy
  
- 2) Upper part of sea / aquatic ecosystem contains.
  - a) Plankton
  - b) Elkton
  - c) Benthos
  - d) Plankton and nekton
  
- 3) Association of animals when both partners are benefited
  - a) Mutualism
  - b) Colony
  - c) Commensalism
  - d) Ammensalism
  
- 4) The sum of total of population of same kind of organism constitute
  - a) Colony
  - b) Species
  - c) Genus
  - d) Community
  
- 5) This biome has greatest diversity of species
  - a) Tropical rain forest
  - b) Taiga

- c) Arctic Tundra
  - d) Desert
  - e) Temperate grassland
- 6) Many individuals of the same species living together in a defined area form a/an
- a) Community
  - b) Genus
  - c) Population
  - d) Ecosystem
  - e) Variety
- 7) Which one of the following is not a functional unit of ecosystem?
- a) Productivity
  - b) Stratification
  - c) Energy flow
  - d) Decomposition
- 8) The upright pyramid of number is absent in
- a) Lake
  - b) Grassland
  - c) Pond
  - d) Forest
- 9) Identify possible link in “?” in the following food chain  
Plant → insect → frog → “?” → Eagle
- a) Cobra
  - b) Parrot
  - c) Rabbit
  - d) Wolf
- 10) The final stable community in ecological succession
- a) Climax
  - b) Sere
  - c) Pioneers
  - d) Carnivores

- 11) A renewable exhaustible natural resource is
- Petroleum
  - Coal
  - Forest
  - Minerals
- 12) About 70% of total global carbon is found in
- Forests
  - Grasslands
  - Agro ecosystem
  - Oceans
- 13) The maximum Biomass occurs in
- Tropical forests
  - Temperate forests
  - Taiga
  - Alpine vegetation
- 14) A ----- is a step in the food chain
- Community
  - Biosphere
  - Food web
  - Trophic level
- 15) ----- is/are the ultimate source of energy for all life on the earth
- Plants
  - Decomposers
  - Sunlight
  - Water
- 16) ----- is the science that seeks to understand the living world
- Biology
  - Ecology
  - Chemistry
  - Physics

- 17) The study of ecosystem is called
- Environment
  - Ecology
  - E- study
  - Cosmos
- 18) The grazing food chain derives energy from ----- energy
- Plant
  - Fish
  - Animals
  - Sun
- 19) Energy flow through an ecosystem was explained by
- E.P. Odum
  - E.P. Rax
  - E.P. Zen
  - E.P. Watson
- 20) About 1/3 rd of our land is covered by
- Deserts
  - Grasslands
  - Water
  - Forest
- 21) The life supporting gases such as O<sub>2</sub> CO<sub>2</sub> and N<sub>2</sub> are chiefly concentrated in the
- Troposphere
  - Exosphere
  - Hemisphere
  - stratosphere
- 22) Which of following is a renewable source?
- Wind
  - water
  - Flora and Fauna
  - All of these

- 23) \_\_\_\_\_ is major raw material for biogas.
- a) tree leaves
  - b) Grass
  - c) cow dung
  - d) Waste from kitchen
- 24) Atomic energy is obtained by using ores of \_\_\_\_\_
- a) copper
  - b) uranium
  - c) lead
  - d) crude oil
- 25) Minimum time required for formation of one inch of top soil is
- a) 10 years
  - b) 5 years
  - c) 100 years
  - d) 200 years
- 26) Blue baby syndrome(methamoglobinemia)
- a) Sulphur
  - b) Arsenic
  - c) Phosphates
  - d) Nitrates
- 27) Out of total water reserves of the world, about \_\_\_\_\_ is salty water (marine) and only \_\_\_\_\_ is fresh water
- a) 97%,3%
  - b) 3%,97%
  - c) 1%,99%
  - d) 2%,98%
- 28) The main Green House gas is absorbed by forest as raw material for photosynthesis.
- a) O<sub>2</sub>
  - b) CO<sub>2</sub>
  - c) SO<sub>2</sub>
  - d) O<sub>3</sub>

- 29) Minerals rocks, salt and chemicals are termed as
- Abiotic resource
  - Biotic resource
  - Semi-Transparent resource
  - Falling resource
- 30) The main driving force of ecological system is
- Wind energy
  - Water energy
  - Solar energy
  - Earth energy
- 31) SNG stands for
- Synthetic Natural Gas
  - Systematic Natural Gas
  - Sulphuric Natural Gas
  - Silver Natural Gas
- 32) Natural resources do not include
- Water
  - Air
  - Refined oil
  - Wood
- 33) Which option below is not an example of pollution?
- Smog in Delhi
  - Nuclear Waste
  - Overpopulation
  - Untreated sewage
- 34) What was approximate world population of human in year 2008?
- 667 million
  - 66 billion
  - 6.67 billion
  - 6.67 million

- 35) Ideally cover of forest should be\_\_\_\_\_of total area of country.
- a) 23%
  - b) 30%
  - c) 33%
  - d) 40%
- 36) Which of the following sources provides the least energy for industrialized countries?
- a) Petroleum
  - b) Nuclear Fuels
  - c) Coal
  - d) Gas
- 37) Biogas Generation is mainly based on the principle of
- a) Anaerobic Degradation
  - b) Aerobic decomposition
  - c) Putrefaction
  - d) None of these
- 38) Biotic component of biosphere is not constituted by\_\_\_\_\_
- a) Producer
  - b) Decomposer
  - c) Consumer
  - d) Air
- 39) Oxygen is returned to atmosphere mainly by\_\_\_\_\_
- a) Respiration
  - b) Photosynthesis
  - c) Fungi
  - d) Burning of coal
- 40) Atmosphere not uniformly heated by sun does not cause\_\_\_\_\_

- a) Air Flows
- b) Variation in Climate
- c) Rainfall
- d) Tide

41) Environmental studied does not involve

- a) Psychology
- b) Demography
- c) Ethics
- d) Literature

42) Abiotic environment does not include

- a) Soil
- b) Water
- c) Air
- d) Plant

43) Van Mahotsav is an annual tree-planting festival in India, celebrated on

- a) 2nd June
- b) 1st July
- c) 1st Dec
- d) 15th September

44) Biotic environment includes

- a) Producers
- b) consumers
- c) decomposers
- d) all of these

45) The world environment is derived from French word

- a) Environner
- b) Environnering
- c) E-environner
- d) Envo

46) As per the French word Environner means



- a) Atmosphere
- b) earth and sun
- c) encircle and surround
- d) earth and energy

47) World environment day is on

- a) June 5
- b) June 11
- c) July 5
- d) July 11

48) World day of water is on

- a) April 22
- b) March 23
- c) March 24
- d) March 22

49) Eco mark of our country is

- a) Earthen pitcher
- b) water drop
- c) sun
- d) Ashoka tree

50) Environmental friendly products are given ISO certification called ISO..... .

- a) 12000
- b) 13000
- c) 14000
- d) 15000

51) Nobel peace prize in 2004 for contribution towards environmental conservation was awarded to

- a) Ratantata
- b) Wangarimaathai
- c) S.D. bush
- d) Dr. Manmohan Singh

52) He is popularly known as green judge

- a) Mr. manmohansingh
- b) Kuldeepsingh
- c) Mangalsingh
- d) Mr.Jethmalani

53) He is known as Green Advocate.

- a) Mr. K.P.Raghav
- b) Mr. P.Chidambaram
- c) Mr. S.D.Rao
- d) Mr. M.C.Mehta

54) He is known for his 'Chipko Movement'.

- a) AtalBihariBajpeyi
- b) Anna Hajare
- c) SundarlalBahuguna
- d) Pandit Nehru

55) He got the Magsaysay award for water conservation effort.

- a) Rajendersingh
- b) Ashok Singh
- c) Nana Pateker
- d) Anil Agarwal

56) Wild life week is celebrated in the period of

- a) 1-7th October
- b) 1-18th October
- c) 1-8th March
- d) 1-8th April

57) World Forest day is on

- a) 11 March
- b) 12 March
- c) 13 March
- d) 21 March

58) Edaphic means

- a) Related to water
- b) Related to soil
- c) Related to Air
- d) Related to sun

59) The term Ecology was introduced by

- a) Haeckel
- b) Newton
- c) S.S Rao
- d) Tansley

60) The Ecological factors related to soil and substratum are called ..... factors.

- a) Tbilisi (USSR)
- b) Delhi (India)
- c) Albita
- d) New York (USA)