

B. A. / B. Sc. / B.Com. DEGREE END SEMESTER EXAMINATION – MARCH/APRIL 2018**SEMESTER 2: ADDITIONAL CORE COURSE (ALL PROGRAMMES)****COURSE: 15U2ARENV1- ENVIRONMENTAL STUDIES***(For Regular 2017 Admission & Supplementary 2016, 2015 Admission)***Time: Three Hours****Max. Marks: 75****General Instructions**

Sections	Question Types	No. of Questions	Instructions	Marks
PART A	Multiple Choice Questions	50	Answer ALL Questions	1 x 50 = 50
PART B	Short Essay Type Questions	8	Answer ANY FIVE (5) Questions	5 x 5 = 25

- Questions from serial No. 1 to 50 are multiple choice questions. These are to be answered by selecting the correct choice in your Question cum Answer Booklet.
- Using an HB Pencil or Blue/Black Pen, circle the letter of the correct answer
- If you need to change an answer, erase the original mark thoroughly, and then mark your alternative answer. You may also cross out the original circle and mark the new answer
- Questions from serial No. 51 to 58 are Short Essay Type Questions. These are to be answered in the space provided in the booklet.

PART A*(Answer **ALL** questions)*

- Who among the following is India's most famous environmental lawyer?
 - M. C. Mehta
 - M. S. Swaminathan
 - S. P. Godrej
 - Anil Agarwal
- Autobiography of Dr. Salim Ali is titled
 - Wings of a sparrow
 - Fall of a sparrow
 - Song of a sparrow
 - Life of a sparrow
- Wildlife Institute of India is located in
 - Andamans
 - Hyderabad
 - Bangalore
 - Dehradun

4. BNHS is located in
 - A. Mumbai
 - B. Kolkatta
 - C. Delhi
 - D. Chennai
5. Major consumer of wood from forest is _____
 - A. Thermal Power Plant
 - B. Paper Industry
 - C. Chemical Industry
 - D. Metallurgical Industry
6. The portion of the earth and its environment which can support life is known as
 - A. Crust
 - B. Biosphere
 - C. Exosphere
 - D. Atmosphere
7. The ocean covers _____ percentage of Earth's surface.
 - A. 51%
 - B. 61%
 - C. 71%
 - D. 91%
8. The main energy source for the environment is
 - A. Solar energy
 - B. Chemical energy
 - C. Bioelectric energy
 - D. Electrical energy
9. Grasslands of USA is referred to as
 - A. Prairies
 - B. Steppes
 - C. Pampas
 - D. Veldts
10. Which among the following is a renewable source of energy?
 - A. Petroleum
 - B. Coal
 - C. Nuclear fuel
 - D. Trees
11. Ozone layer is present in
 - A. Troposphere
 - B. Stratosphere
 - C. Mesosphere
 - D. Ionosphere

12. Which among the following is the major sector which extracts most of fresh water available for utilization?
- A. Domestic use
 - B. Drinking water
 - C. Beverage industry
 - D. Agriculture
13. What is Pedology?
- A. Study of water
 - B. Study of air
 - C. Study of soil
 - D. Study of minerals
14. Sunderbans is home to
- A. Gangetic dolphins
 - B. Largest mangrove swamps
 - C. Coral reefs
 - D. Sandalwood
15. Species whose removal can affect the survival of an ecosystem are called
- A. Guild
 - B. Keystone species
 - C. Producers
 - D. Carnivores
16. The process through which ecosystems tend to change after a period of time is called
- A. Ecological succession
 - B. Seral stage
 - C. Ecological pyramid
 - D. Developmental stage
17. The first trophic level in a food chain is
- A. Green Plants
 - B. Herbivores
 - C. Carnivores
 - D. Bacteria
18. What is lentic habitat?
- A. Standing or still water habitat
 - B. Marine habitat
 - C. Running water habitat
 - D. Stagnant water
19. Gas released during photosynthesis is
- A. Methane
 - B. Nitrogen
 - C. Oxygen
 - D. Carbon dioxide

20. The term 'Ecology' was coined by
- A. A.G. Tansley
 - B. Earnst Haeckel
 - C. Aristotle
 - D. Linnaeus
21. Organisms which depend on Producers for nutrition are called
- A. Autotrophs
 - B. Saprophytes
 - C. Consumers
 - D. Xerophytes
22. Complex interlinked food chains are called
- A. Food Web
 - B. Food network
 - C. Trophic levels
 - D. Food pyramid
23. Which among the following are nature's cleaners?
- A. Consumers
 - B. Producers
 - C. Decomposers and Scavengers
 - D. Symbionts
24. Zoos are examples for
- A. In-situ conservation
 - B. in-vivo conservation
 - C. ex-situ conservation
 - D. ex-vivo conservation
25. The one-horned Rhinoceros is now restricted to
- A. Maharashtra
 - B. Gujarat
 - C. Uttar Pradesh
 - D. Assam
26. Silent Valley was declared as National Park in the year
- A. 1988
 - B. 1982
 - C. 1984
 - D. 1981
27. Herpetology is a branch of Science which deals with
- A. Aves
 - B. Mammals
 - C. Reptiles
 - D. Fishes

28. Gharial is a
- A. Crocodile
 - B. Cobra
 - C. Tortoise
 - D. Frog
29. Eravikulam National Park conserves
- A. Lion tailed macaque
 - B. Tiger
 - C. Elephant
 - D. Nilgiri Tahr
30. Endemic species are
- A. rare species
 - B. species localised in a specific region
 - C. cosmopolitan in distribution
 - D. critically endangered species
31. The legally binding international agreement to reduce Greenhouse gases by 5% in 2012 is
- A. Vienna convention
 - B. Montreal Protocol
 - C. Kyoto Protocol
 - D. Paris Agreement
32. Acid rain contains
- A. Sulphuric acid
 - B. Hydrochloric acid
 - C. Oxalic acid
 - D. Acetic acid
33. Name the disease caused by mercury poisoning in Japan
- A. Itai itai
 - B. Xeroderma pigmentosum
 - C. Measles
 - D. Minamata disease
34. Ozone depletion is mostly caused by
- A. CO₂
 - B. CCL
 - C. CFCs
 - D. CO
35. Green House effect is caused by
- A. Increase in CO₂
 - B. Increase in O₂
 - C. Decrease in O₂
 - D. Decrease in CO₂

36. Disease aggravated by air pollution is
- A. cholera
 - B. rheumatism
 - C. bronchitis
 - D. haemophilia
37. Largest source of air pollution in cities are
- A. Industries
 - B. Sewage
 - C. Tanneries
 - D. Automobiles
38. World Wetlands Day is celebrated on
- A. February 02
 - B. February 28
 - C. June 05
 - D. March 21
39. The controversial dam built across the river Narmada is
- A. Sardar Sarovar
 - B. Hirakud
 - C. Bhakranangal
 - D. Sutlej
40. What is meant by GM foods?
- A. Growth modified foods
 - B. Genetically modified food
 - C. Growth marked foods
 - D. Good mobility food
41. Which state proposed a ban on all types of polythene packing for the first time in India?
- A. Himachal Pradesh
 - B. Madhya Pradesh
 - C. Kerala
 - D. Karnataka
42. World Ozone day is
- A. March 16
 - B. June 5
 - C. September 16
 - D. November 16
43. India Government passed the Air act in the year
- A. 1991
 - B. 1981
 - C. 1982
 - D. 2001

44. Public Health is not dependent on
- A. safe drinking water
 - B. sufficient food
 - C. competitive market conditions
 - D. good social conditions
45. Anthrax disease is caused by
- A. Virus
 - B. Bacteria
 - C. Protozoa
 - D. Helminthes
46. Salmonellosis is a disease related to consumption of
- A. Chicken
 - B. Eggs
 - C. Mutton
 - D. Fish
47. Birth rate is called
- A. mortality
 - B. vital index
 - C. natality
 - D. viability
48. Infection of HIV is usually detected by
- A. Elisa test
 - B. Hybridization
 - C. Gram staining
 - D. Widal
49. Which among the following is a water borne disease?
- A. Cholera
 - B. Tuberculosis
 - C. AIDS
 - D. Dermatitis
50. Which group of mosquitoes are the vectors of malaria?
- A. Culex
 - B. Aedes
 - C. Anopheles
 - D. Mansonia

(1 x 50 = 50)

PART B

(Answer **any five** questions)

51. Explain the need of public awareness in conservation of environment
52. What is deforestation? Explain the effects of deforestation
53. Explain the different forest types in India
54. Describe the values of Biodiversity
55. What do you mean by disaster management? Explain the steps involved in disaster management
56. What is Climate Change? Explain the effects of climate change
57. What is the ethical basis of environmental education?
58. Explain how information technology can be utilized in conservation of nature? (5 x 5 = 25)
