Set A

Department of Environmental Sciences
Jahangirnagar University

Master's in Environmental Sciences and Management (WMES)

Under weekend program

Admission Test-September Intake 2017

Admission Test Roll:	
Applicant's Name :	

Signature of Invigilator

Instructions: There are 50 multiple choice questions to be answered in 60 minutes. Mark tick (√) to the appropriate answer. No marks will be deduced for wrong answer.

1. **Which UN body deals with environment?**
   a. UNICEF
   b. UNDP
   c. FAO
   d. UNEP
2. **Which is the main cause of global environmental degradation?**
   a. Population growth
   b. Geopolitical crisis
   c. Industrialization
   d. Human greed
3. **Ozone layer is found in_____.**
   a. Thermosphere
   b. Troposphere
   c. Stratosphere
   d. Mesosphere
4. **Which of the following is/are the main factor(s) responsible for the rapid rate of deforestation?**
   a. Cellulose and starch
   b. Bamboo and wood
   c. Polythene and cotton
   d. Sunflower and Maize
5. **Which of the following substances is found in the runoff of chemically fertilized lawns and is most likely to cause eutrophication in streams and lakes?**
   a. Sodium
   b. Carbonate
   c. Phosphate
   d. Sulphate
6. **The toxicity of mercury is best described as?**
   a. How mercury enters the environment.
   b. Measure of the harm mercury does to a person.
   c. The persistence of mercury in the environment.
   d. How much mercury a person experiences in a given time.
7. **The main purpose of the Environmental Risk Assessment is to**
   a. Ensure maximum local employment on the project.
   b. Eliminate any disruption to the environment during repair.
   c. Minimise the number of people likely to object to the project.
   d. Balance any environmental damage against the benefit of the repair.
8. **Deforestation generally decreases**
   a. Global warming.
   b. Drought
   c. Soil erosion
   d. Rainfall
9. **"Earth provides enough to satisfy every man's need, but hot for every man's greed" words by**
   a. Tagore
   b. Nelson Mandela
   c. Gandhi
   d. Bill Clinton
10. **'Brundtland Report' focuses on**
    a. Global warming
    b. Food security
    c. Sustainable development
    d. Social justice
11. **The intensity of earthquake is measured in**
    a. Beaufort scale
    b. Richter scale
    c. Mohs scale
    d. Joules
12. **What is meant by GM food?**
    a. Growth modified food
    b. Growth marked food
    c. Genetically modified food
    d. Good mobility food
13. **The 3R principle in waste management involves**
    a. Reduce, Regain, Reuse
    b. Reduce, Reform, Reset
    c. Reduce, Reuse, Recycle
    d. Reduce, Retain, Regain

14. **What is carcinogen?**
    a. Drugs for curing infectious disease
    b. Drugs used for curing cancer
    c. Cancer causing agent
    d. Food colour
15. **The historical monument that is affected by acid rain is**
    a. Pisa Tower
    b. Golden Temple
    c. Pyramid of Egypt
    d. Taj Mahal
16. **Which gas in the atmosphere most contributes to global warming?**
    a. Hydrogen
    b. Nitrogen
    c. Carbon dioxide
    d. Carbon monoxide
17. **Which of these causes a reduction in the ozone layer?**
    a. Increased burning of fossil fuels
    b. Increased photochemical smog in cities
    c. Increased sea temperature due to global warming
    d. Increase in the use of chemicals in refrigerators and aerosol cans
18. **Which most likely provides evidence of global warming?**
    a. Increased drought in parts of Africa
    b. Increased ice sheet area at the South Pole
    c. Thinner growth rings in trees in Northern Europe
    d. Decreased fish stocks of the Atlantic Ocean
19. **The largest gaseous component of the earth's atmosphere is**
    a. Oxygen
    b. Carbon dioxide
    c. Nitrogen
    d. Sulfur dioxide
20. **Which of the following is a result of global warming?**
    a. An increase in the ice level of the ice caps.
    b. An increase in animal species
    c. An increase in crop productivity.
    d. Flooding of coastal cities.
21. **Region where fresh water meets salt water is called**
    a. Sea
    b. Lake
    c. River
    d. Estuarine
22. **World Environment Day is observed on:**
    a. 16th September
    b. 21st June
    c. 5th June
    d. 1st April
23. **The unit of sound level is:**
    a. Hertz
    b. Decibel
    c. Joule
    d. Knot
24. **The green plants are also called:**
    a. Producers
    b. Consumers
    c. Reducers
    d. Detritivores
25. **Which of the following is a non-renewable resource?**
    a. Water
    a. Forest
    b. Coal
    c. Wildlife
26. **Usable fresh water is ……of the total water in the earth.**
    a. 30%
    b. 75%
    c. 7%
    d. Less than 1%
27. **Which is the major cause of widespread respiratory disease in Bangladesh?**
    a. Arsenic in drinking water
    b. Food poisoning
    c. Air pollution
    d. Malnutrition
28. **When white light is passed through a prism, it splits into _____ colours.**
    a. 5
    b. 6
    c. 7
    d. 8
29. **Which of the following is used in pencils?**
    a. Graphite
    b. Silicon
    c. Charcoal
    d. Phosphorous
30. **Carrier of Dengue disease is**
    a) Aedes Mosquito
    b) Culex Mosquito
    c) Housefly
    d) Anopheles Mosquito
31. **Electric bulb filament is made of**
    a. Silicon
    b. Diamond
    c. Iron
    d. Tungsten
32. **Which of the following wastes cannot be decomposed by bacteria to form compost?**
    a. Kitchen wastes
    b. Plastic and polythene bags
    c. Dead plants
    d. Bodies of insects living in the soil
33. **The largest number of Tiger Reserves are located in:**
    a. Karnataka
    b. Andhra Pradesh
    c. Madhya Pradesh
    d. Bangladesh
34. **Identify the non-Green-House Gas(GHG) from the following :**
    a. Methane
    b. Nitrous Oxide
    c. Sulphur Hexafluoride
    d. Carbon Monoxide

35. **The highest per capita emitter of Carbon dioxide in the world is:**
    a. US
    b. China
    c. Qatar
    d. Saudi Arabia
36. **Which one is coral reef in Bangladesh?**
    a) Sahapuri island
    b) Bhola
    c) St. Martin
    d) Monpura
37. **In Nitrogen Cycle, soil nitrates are transformed into free nitrogen by:**
    a. Nitrifying bacteria
    b. Denitrifying bacteria
    c. Ammonifying bacteria
    d. Both [A] and[C]
38. **The most populous city in the world is**
    a. Paris
    b. London
    c. Tokyo
    d. Dhaka
39. **Which type of forests occupies the highest in coastal area?**
    a. Tropical deciduous
    b. Savanna and desert vegetation
    c. Mangroves
    d. Tropical Rainforests
40. **The Knaf river forms the boundary between?**
    a. Tripura and Bangladesh
    b. Assam and Bangladesh
    c. Assam and Myanmar
    d. Myanmar an Bangladesh
41. **Which is the most abundant metal in the Earth's crust?**
    a. Aluminium
    b. Nickel
    c. Iron
    d. Silicon
42. **Which is an example of renewable energy?**
    a. Solar
    b. Wind
    c. Geothermal
    d. All of them
43. **ISO 14001 deals with?**
    a. Environmental management System
    b. Environmental conservation system
    c. Environmental policy & planning
    d. None
44. **Which pollutant is coming from tannery industries?**
    a. S
    a. Al
    b. Zn
    c. Cr
45. **Which among the following is the Bangladesh's largest Wetland System?**
    a. Tangore Hoar
    b. Ashulia wetlands
    c. Chalan beel
    d. Hakaloki hoar
46. **With which of the following, the Agenda 21' of Rio Summit, 1992 is related to?**
    a. Sustainable development
    b. Combating the consequences of population explosion.
    c. Mitigation norms of Green House Gases (GHGs) emission.
    d. Technology transfer mechanism to developing countries for 'clean-energy' production.
47. **The depletion in the Ozone layer is caused by:**
    a. Carbon dioxide
    b. Nitrous oxide
    c. Methane
    d. Chlorofluorocarbon
48. **What does e- waste stand for?**
    a. Environment waste
    b. Electronic waste
    c. Equipment waste
    d. None of the above
49. **What is greenhouse effect?**
    a. Which of the following is the best example of Greenhouse effect?
    b. Sunlight warms your car
    c. Weather change
    d. Sea Breezes
    e. Cloud Bursting
50. **What are the main the constituents of acid rains?**
    a. Nitrogen Oxide
    b. Sulphur Dioxide
    c. Nitrogen Dioxide
    d. All of the above

The End