

QUESTION BOOKLET: **SET-II**



लक्ष्मं विद्यामानम्

WEST BENGAL STATE UNIVERSITY

B.Sc./B.Com. (Honours, Major, General) PART-I Examinations, 2017

ENVIRONMENTAL STUDIES

(FOR SCIENCE AND COMMERCE CANDIDATES)

Time Allotted: 2 Hours

Full Marks: 50

Instruction

The candidate should indicate the correct Roll Number, Registration No., Question Booklet Set on the OMR Answer-Sheet otherwise the Answer-Sheet will not be evaluated and the candidate will be solely responsible for it.

Each question has four alternative answers. The candidate has to darken only one circle/bubble on the Answer-Sheet using black/blue ballpoint pen indicating the correct answer as shown bellow. If more than one answer / option is found darkened, then the question will be treated wrong and will not be evaluated.

Example : ● ○ ○ ○

Answer all the questions:

2×25 = 50

- Ozone layer is found in
(A) Thermosphere (B) Stratosphere
(C) Troposphere (D) Mesosphere
- Which energy is converted into electrical energy by a Solar cell?
(A) Chemical Energy (B) Nuclear Energy
(C) Solar Energy (D) Magnetic Energy
- Habitat of Dog Fish is
(A) River (B) Pond
(C) Lake (D) Sea

4. Which is called 'power house of the cell'?
(A) Lysosome (B) Golgibodies
(C) Ribosomes (D) Mitochondria
5. In which one of the following sounds travels fast?
(A) Solid (B) Air
(C) Water (D) Vacuum
6. Number of atoms is ozone molecules are
(A) 2 (B) 3
(C) 4 (D) 1
7. Who started the Chipko Movement?
(A) Kiran Bedi (B) S. L. Bahuguna
(C) Medha Patker (D) None of these
8. Bhopal gas tragedy occurred due to?
(A) Methane (B) Phosgene
(C) Methyl-isocyanate (D) Methyl amine
9. Which one of the following creates acid rain?
(A) Water pollution (B) Air pollution
(C) Noise pollution (D) Land pollution
10. Mangroves are found in
(A) Arunachal Pradesh (B) Sundarban
(C) Himalaya (D) Western Ghat
11. The deficiency of which vitamin is responsible for Blindness?
(A) Vitamin-A (B) Vitamin-B
(C) Vitamin-D (D) Vitamin-E
12. Ganga Action Plan is implemented in
(A) 1981 (B) 1985
(C) 1991 (D) 2001

13. Which of the following is called natural biofertilizer?
(A) Earthworm (B) Fox
(C) Bacteria (D) Trees
14. The salt-tolerant trees growing in shallow marine sediment are known as
(A) Mangroves (B) Xerophytes
(C) Epiphytes (D) Pyrophytes
15. 'Ozone layer' is beneficial because it
(A) releases oxygen (B) maintains temperature of air
(C) protects from UV radiation (D) protects from CFCm
16. Percentage of land utilized for agriculture in India is
(A) 45% (B) 57%
(C) 10% (D) 43%
17. Soil erosion can be prevented using
(A) Afforestation (B) Deforestation
(C) Terracing (D) Reduction of velocity of wind
18. Chernobyl pollution is associated with
(A) Water pollution (B) Radioactive pollution
(C) Noise pollution (D) Air pollution
19. The novel 'Aranyak' is written by
(A) Buddhadeb Guha (B) Mahasweta Debi
(C) Bibhuti Bhusan Bandyopadhyay (D) Bibhuti Bhusan Mukhopadhyay
20. The bomb dropped on Hiroshima is
(A) Fat man (B) Little boy
(C) Teddy bear (D) Tomy

21. 'Chipko Andolan' was held under the leadership of
(A) Sundarlal Bahuguna (B) Medha Patkar
(C) Mamata Bandyopadhyay (D) Jagjiban Ram
22. Highest rainfall area of India is
(A) Mawsynram (B) Cherrapunji
(C) Manas Sarobar (D) Uttarakhand
23. Poisonous chemical present in cigarette smoke is
(A) Sulphur dioxide (B) Carbon monoxide
(C) Carbon dioxide (D) Nitrogen dioxide
24. "Child Labour Prohibition and Regulation Act" came into force in the year
(A) 1929 (B) 1938
(C) 1972 (D) 1986
25. Textile workers are affected by the disease
(A) White lung (B) Tuberculosis
(C) Allergy (D) Typhoid

QUESTION BOOKLET: SET-I



सत्यं विद्मामहे

WEST BENGAL STATE UNIVERSITY

B.A. (Honours, Major, General) PART-I Examinations, 2017

ENVIRONMENTAL STUDIES

(FOR ARTS CANDIDATES)

Time Allotted: 1 Hours

Full Marks: 50

Instruction

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Example : ● ○ ○ ○

Answer all the questions:

2×25 = 50

- The best treatment of hospital waste occurs through
(A) Washing in rivers (B) Drying in the open
(C) Recycle and reuse (D) Incineration
- Which of the following is the lowest concentration?
(A) 10 ppm (B) 100 mg/lit
(C) 10 mg/ml (D) 1 gm/ml
- An aqueous waste having high BOD value, when discharged in water, will
(A) Increase the DO level (B) Decrease the DO level
(C) Keep DO level of water unchanged (D) Cause none of the above

4. Mangrove plantation is promoted mainly for
 - (A) Beautification
 - (B) Eutrophication
 - (C) Carbon capture
 - (D) Water release

5. Denitrifying bacteria release nitrogen in the soil as
 - (A) Nitrogen gas
 - (B) Dissolved ammonia
 - (C) Nitrate salt
 - (D) Nitric acid

6. The book "Silent Spring" was authored by
 - (A) Charles Darwin
 - (B) Rachel Carson
 - (C) Salmon Rushdie
 - (D) Linus Pauling

7. Drip irrigation is a part of the strategy of
 - (A) Soil conservation
 - (B) Fertilizer minimization
 - (C) Water conservation
 - (D) Pest elimination

8. Catalytic converters are used in
 - (A) Solar cells
 - (B) Automobiles
 - (C) Computers
 - (D) Ammunitions

9. Electrostatic precipitators are used to remove
 - (A) Fine particulates
 - (B) Carbon di-oxide
 - (C) Liquid effluents
 - (D) None of the foregoing

10. The disease angio-sarcoma is associated with
 - (A) DDT
 - (B) CFC
 - (C) PVC
 - (D) CO

11. The major problem of plastic waste is that
 - (A) They are bio-degradable
 - (B) They are non-bio-degradable
 - (C) They are eaten by cattle
 - (D) They dissolve in water

12. SRM is a new technology to offset the effect of
(A) Greenhouse gases (B) Plastic waste
(C) CFCs (D) None of the foregoing
13. CDR is a technology to reduce from the atmosphere
(A) CFC (B) Atmospheric ozone
(C) Carbon monoxide (D) Carbon dioxide
14. Blue baby syndrome is caused by
(A) Lead (B) Nitrate
(C) Sulphate (D) Arsenic
15. The Earth Summit in Rio took place in the year
(A) 1972 (B) 1982
(C) 1992 (D) 2002
16. UNCBD stands for
(A) United Nations Convention of Biological Differences
(B) United Nations Convention on Biological Diversity
(C) United Nations Convention of Biochemical Defense
(D) United Nations Convention on Bio-degeneration
17. Estimated global population was 1 billion in the year
(A) 1800 AD (B) 1850 AD
(C) 1900 AD (D) 1950 AD
18. The present population on earth is about
(A) 6 million (B) 6 billion
(C) 7.4 billion (D) 9 billion
19. Sangai is the state animal of
(A) Manipur (B) Kerala
(C) Karnataka (D) Andhra Pradesh

20. Which oxidation state of Chromium causes severe water pollution?
(A) +1 (B) +3
(C) +6 (D) +5
21. Exxon – Valdez is associated with
(A) Radioactive waste (B) Biodegradable waste
(C) Oil spill (D) None of these
22. Chernobyl is associated with
(A) Mercury pollution (B) Lead pollution
(C) Radioactive pollution (D) Nitrate pollution
23. The Earth Day is celebrated on
(A) April 22 (B) May 27
(C) June 5 (D) October 2
24. A 2016 global census of tigers puts their number at
(A) 2500 individuals (B) 3211 individuals
(C) 3387 individuals (D) 3890 individuals
25. Jim Corbett National Park is located in
(A) Kerala (B) Uttarakhand
(C) Assam (D) Mizoram