

**AGA KHAN UNIVERSITY EXAMINATION BOARD**

**SECONDARY SCHOOL CERTIFICATE**

**CLASS X EXAMINATION**




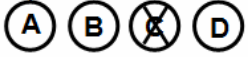

**MAY 2015**

**Environmental Studies Paper I**

**Time: 40 minutes    Marks: 30**

**INSTRUCTIONS**

1. Read each question carefully.
2. Answer the questions on the separate answer sheet provided. DO NOT write your answers on the question paper.
3. There are 100 answer numbers on the answer sheet. Use answer numbers 1 to 30 only.
4. In each question there are four choices A, B, C, D. Choose ONE. On the answer grid black out the circle for your choice with a pencil as shown below.

Correct Way		Incorrect Ways	
1		1	
		2	
		3	
		4	

**Candidate's Signature**

5. If you want to change your answer, ERASE the first answer completely with a rubber, before blacking out a new circle.
6. DO NOT write anything in the answer grid. The computer only records what is in the circles.

1. The excessive production and use of vehicles is causing an increase in
  - A. forests.
  - B. habitats.
  - C. fossil fuels.
  - D. greenhouse gases.
2. Which of the following will NOT result in the reduction of natural resources?
  - A. Using more vehicles
  - B. Treating sewage water
  - C. Increasing deforestation
  - D. Establishing more industries
3. Which action shows a positive effect of advancement of living standards on the environment?
  - A. Preference for tiled floors in housing
  - B. Use of private transport for travelling
  - C. Administration of prescribed antibiotics only
  - D. Installation of energy savers instead of light bulbs
4. A person works for 12 – 14 hours a day in an office. His eating habits have changed over a period of time. Excessive intake of which of the following might be harmful for his health?
  - A. Mildly-spiced curry
  - B. Instant noodles
  - C. Grilled fish
  - D. Fruits salad
5. Any significant alteration over time in behaviour patterns, cultural values and norms of a society is called
  - A. a social change.
  - B. a strategic change.
  - C. an economical change.
  - D. an organizational change.
6. Which of the following is an example of a non-renewable resource?
  - A. Wind
  - B. Water
  - C. Bio-fuels
  - D. Nuclear fuels
7. Electricity bills always show inflation in the summer season because in this season people often excessively use
  - A. air conditioners.
  - B. mobile phones.
  - C. water heating geysers.
  - D. compact fluorescent lamps.

8. A community can contribute in the conservation of natural resources by
- A. constructing houses and buildings.
  - B. keeping the local parks green and clean.
  - C. organizing fun fairs and musical programmes.
  - D. promoting the use of disposable plates and glasses.
9. Mining is done to extract minerals from deep deposits in the earth. However, mining activities are harmful for the environment as they cause
- A. economic loss.
  - B. unemployment.
  - C. ozone depletion.
  - D. land degradation.
10. Which of the following activities can be a part of an eco-friendly life style?
- A. Burning of fossil fuels
  - B. Use of air fresheners
  - C. Growing a vegetable garden
  - D. Use of processed food products
11. Which of the following is an appropriate way to promote healthy living among people of rural areas?
- A. Encourage early marriages
  - B. Educate children about hygiene
  - C. Educate adults through internet
  - D. Encourage the use of pesticides for crops
12. Which of the following instructions does NOT promote a healthy environment?
- A. Wash hands before meals.
  - B. Plant seeds with bare hands.
  - C. Use energy efficient light bulbs.
  - D. Close the tap while brushing teeth.
13. We can save our planet by creating awareness about the human activities that cause damage to the environment. This can be done most effectively by propagating environmental issues through
- A. television serials.
  - B. carnival games.
  - C. telephone calls.
  - D. water park picnics.
14. All of the following are outcomes of cutting down trees EXCEPT
- A. forest fires.
  - B. land sliding.
  - C. soil erosion.
  - D. habitat destruction.

15. Which of the following increases with the rise in desertification?
- A. Flora and fauna
  - B. Soil minerals and nutrients
  - C. Soil erosion and salinization
  - D. Ground and surface water supplies
16. The depletion of ozone layer allows more ultraviolet radiations to reach the earth's surface. Exposure to these ultraviolet radiations causes
- A. asthma.
  - B. typhoid.
  - C. skin cancer.
  - D. mouth ulcer.
17. A land becomes barren due to
- A. rainfall.
  - B. fertilizers.
  - C. pesticides.
  - D. overgrazing.
18. Which environmental issue can be resolved by planting more trees?
- A. Acid rain
  - B. Water logging
  - C. Desertification
  - D. Ozone depletion
19. Which factor promotes urbanization?
- A. The spread of ethical values
  - B. The better use of roads and railways
  - C. The growth of new political movements
  - D. The small geographic movement of people
20. Global atmospheric temperatures are likely to increase due to
- A. irrigation of lands.
  - B. burning of fossil fuel.
  - C. hydropower generation.
  - D. dumping waste in water.
21. All of the following are increasing in the environment with global warming EXCEPT
- A. glaciers.
  - B. sea level.
  - C. rainstorms.
  - D. tropical diseases.

22. One of the gases responsible for causing greenhouse effect is
- A. carbon dioxide.
  - B. silicon dioxide.
  - C. sulphur dioxide.
  - D. manganese dioxide.
23. Which of the following decreases with a rise in deforestation?
- A. Floods
  - B. Soil fertility
  - C. Nitrous oxide
  - D. Carbon dioxide
24. Pakistan, in collaboration with the World Wide Fund (WWF), has been successful in conserving a species of the black bear by
- A. planting more forests.
  - B. threatening the hunters.
  - C. imposing a ban on hunting.
  - D. making food available for them.
25. Which action threatens biodiversity by destroying habitats?
- A. Burying of waste
  - B. Hunting of animals
  - C. Draining of wetlands
  - D. Smuggling of animals
26. Green turtles are facing extinction all over the world due to
- A. lack of predators.
  - B. its low growth rate.
  - C. lack of prey species.
  - D. its long nesting period.
27. Which action can build a healthy environment?
- A. Using chemical fertilizers
  - B. Developing more industries
  - C. Riding bicycle for short distances
  - D. Consumption of disposable water bottles
28. We can save our environment by following conservation strategies of which reuse is one. Which of the following is an example of reuse?
- A. Switching off lights when not in use
  - B. Using paper bags instead of plastic bags
  - C. Making book covers from old calendar pages
  - D. Driving your own car instead of using public transport

29. The waste management method used for managing old aluminium cans and glass bottles is
- A. recycling.
  - B. dumping.
  - C. burning.
  - D. composting.
30. Which of the following measures is a step towards sustainability of the environment?
- A. Promoting the use of plastic bags
  - B. Discouraging the use of public buses
  - C. Motivating the use of mobile phones
  - D. Discouraging the use of aerosol sprays

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