

AGA KHAN UNIVERSITY EXAMINATION BOARD

SECONDARY SCHOOL CERTIFICATE

CLASS X EXAMINATION

MAY 2016

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 <input type="radio"/> A <input type="radio"/> B <input checked="" type="radio"/> C <input type="radio"/> D	1 <input type="radio"/> A <input type="radio"/> B <input checked="" type="radio"/> C <input type="radio"/> D
	2 <input type="radio"/> A <input type="radio"/> B <input checked="" type="radio"/> C <input type="radio"/> D
	3 <input type="radio"/> A <input type="radio"/> B <input checked="" type="radio"/> C <input type="radio"/> D
	4 <input type="radio"/> A <input type="radio"/> B <input checked="" type="radio"/> C <input type="radio"/> D

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. Interactions and networking with people in an online forum shows social
 - A. norm.
 - B. control.
 - C. conflict.
 - D. behaviour.
2. Which of the following wastes is **WRONGLY** categorised?

Plastic	Paper	Glass	Metal
			
A	B	C	D

3. In Islam, for every individual the essential step before each *salah* is to
 - A. give *aqaan*.
 - B. take *ghusal*.
 - C. recite a *surah*.
 - D. perform *wadhu*.
4. Which of the following factors does **NOT** result in the reduction of natural resources?
 - A. Using more vehicles
 - B. Treating sewage water
 - C. Increasing deforestation
 - D. Establishing more industries
5. Which of the following actions 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 tungsten bulbs
6. Wind energy is harnessed by making use of wind mills. Which of the following features of a wind mill is considered to be a disadvantage?
 - A. It produces less greenhouse gases.
 - B. It works best in coastal or hilly areas.
 - C. It produces non-conventional energy.
 - D. It supports farmers in grinding grains.

7. Which of the following is a non-metallic mineral?
- A. Copper
 - B. Bauxite
 - C. Gypsum
 - D. Chromite
8. Which of the following actions of a community can lead to misuse of natural resources?
- A. Sustaining a clean and green local park
 - B. Promoting the use of public transportation
 - C. Encouraging the use of locally grown products
 - D. Establishing a water amusement park for children
9. Which of the following minerals is utilised in the production of energy?
- A. Iron
 - B. Copper
 - C. Uranium
 - D. Aluminium

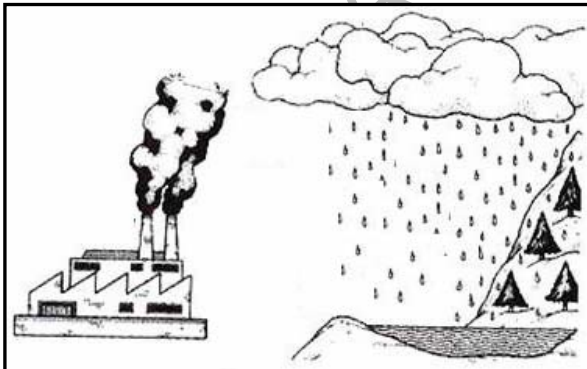
10.



The given picture is emphasising on

- A. soil erosion.
 - B. reforestation.
 - C. deforestation.
 - D. desertification.
11. Television can encourage people to develop a healthy environment by promoting the use of
- A. pesticides to control pests.
 - B. disinfectants to clean houses.
 - C. personal cars to cover distances.
 - D. chemical fertilisers to grow crops.

12. Which of the following actions reflect ecologically friendly behaviour?
- A. Burning solid waste in an open field
 - B. Dumping kitchen waste in the garden
 - C. Using deodorants to control sweat odour
 - D. Discharging waste water into nearby pools
13. All of the following are indicators of an eco-friendly life EXCEPT
- A. incineration of plastics.
 - B. usage of organic manure.
 - C. consumption of solar energy.
 - D. utilisation of public transport.
14. Swamps are significant for the ecosystem because they are a rich source of
- A. coal.
 - B. sulphur.
 - C. methane.
 - D. uranium.
15. Liberation of sulphur from power stations into the air is harmful for the environment because it
- A. acidifies rain water.
 - B. causes global warming.
 - C. destroys the ozone layer.
 - D. forms photochemical smog.
- 16.



Which of the following is an impact of the phenomenon shown in the given figure?

- A. It replenishes minerals in soil.
- B. It increases soil microorganisms.
- C. It produces extreme thunderstorms.
- D. It makes trees vulnerable to diseases.

17. The treaty signed by 174 nations in Kyoto, Japan, in 1997 bound the developed countries to produce an assessment of and bring a decline in
- A. volcanic eruptions.
 - B. infectious diseases.
 - C. photochemical smog.
 - D. greenhouse gas emissions.
18. Global warming can be reduced by
- A. dumping solid waste in landfills.
 - B. using CFCs to make foam plastics.
 - C. preferring air conditioner over fans.
 - D. generating energy from wind power.
19. The rapid increase in the proportion of people in a city results in
- A. more ease of travelling.
 - B. well secured environment.
 - C. proper disposal of sewage.
 - D. increased disease outbreaks.
20. Land degradation in the dry lands reduces all of the following EXCEPT
- A. vegetation.
 - B. soil erosion.
 - C. groundwater.
 - D. soil nutrients.
21. The term 'afforestation' means to
- A. clear a forest.
 - B. sustain a forest.
 - C. establish a forest.
 - D. regenerate a forest.
22. Which of the following increases with the rise in deforestation?
- A. Soil fertility
 - B. Landsliding
 - C. Food resources
 - D. Wildlife habitat
23. Which of the following environmental issues can be resolved by planting more trees?
- A. Acid rain
 - B. Desertification
 - C. Water logging
 - D. Ozone depletion

24. Marine biodiversity can be conserved by

- A. draining wetlands.
- B. constructing barrages.
- C. developing sanctuaries.
- D. introducing exotic species.

25. The given picture shows Sarus Cranes which forage on wetlands. This species is classified as vulnerable by International Union for Conservation of Nature (IUCN).



Which of the following could be the most likely reason for its population to decline?

- A. Acid rain
- B. Global warming
- C. Volcanic eruption
- D. Agricultural expansion

26. Which of the following is an endangered species found in Pakistan?

- A. Red panda
- B. Snow leopard
- C. Asiatic cheetah
- D. Black rhinoceros

27. Elephants are hunted for their tusks which are used in the making of

- A. hats.
- B. bags.
- C. coats.
- D. jewellery.

28. Which of the following is an example of recycling?

- A. Using food scraps to make compost
- B. Using cloth bag for buying groceries
- C. Using empty glass bottles for pickles
- D. Using calendar papers to cover books

29.



The given eco-friendly symbol emphasises on all the following EXCEPT

- A. reuse.
- B. refuse.
- C. reduce.
- D. recycle.

30. The government can create a sustainable eco-friendly environment by increasing the

- A. construction of buildings.
- B. development of industries.
- C. consumption of solar energy.
- D. expansion of roads and railways.

Please use this page for rough work

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