DU MA Environmental Studies

Topic:- DU_J18_MA_ES

1) In 2017, IUCN down listed this species from endangered to threatened category:-

[Question ID = 2952]

1. Pipistrelle [Option ID = 11805]
2. Gazelle [Option ID = 11806]
3. Snow Leopard [Option ID = 11808]
4. Mouse Deer [Option ID = 11807]

Correct Answer :-

2) Which of the following is regarded as the major cause of groundwater contamination?

[Question ID = 2950]

1. Septic tanks [Option ID = 11799]
2. Agricultural runoff [Option ID = 11797]
3. Landfills [Option ID = 11798]
4. All of these [Option ID = 11800]

Correct Answer :-

- All of these [Option ID = 11800]

3) Which of the following are suggested to reduce the effects of future climate change:-

[Question ID = 2980]

1. D) None of these [Option ID = 11920]
2. C) Both 'A' and 'B' [Option ID = 11919]
3. A) Mitigation [Option ID = 11917]
4. B) Adaptation [Option ID = 11918]

Correct Answer :-

- C) Both 'A' and 'B' [Option ID = 11919]

4) Which of the following practices does not come under green chemistry:-

[Question ID = 2979]

1. Using plastic cans for storing substances [Option ID = 11915]
2. Using H2O2 for bleaching instead of using chlorine-based bleaching agents [Option ID = 11913]
3. Using soap made of vegetable oils instead of using synthetic detergents. [Option ID = 11916]
4. Using bicycle instead of using petrol/diesel based vehicles [Option ID = 11914]

Correct Answer :-

- Using plastic cans for storing substances [Option ID = 11915]

5) Which of the following actions would be the most effective in decreasing acid rain and acid deposition problems?

[Question ID = 2953]

1. Developing acid-resistant crops [Option ID = 11811]
2. Adding lime to acidified lakes [Option ID = 11812]
3. Using higher smokestacks [Option ID = 11809]
4. Reducing use of fossil fuels [Option ID = 11810]

Correct Answer :-

- Reducing use of fossil fuels [Option ID = 11810]

6) Which of the following pollutants is considered as the major cause of respiratory diseases in Delhi?

[Question ID = 2970]

1. Nitrogen oxides [Option ID = 11878]
2. Volatile organic compounds [Option ID = 11877]
3. Suspended particulate matter [Option ID = 11880]
4. Carbon monoxide [Option ID = 11879]

Correct Answer :-

- Suspended particulate matter [Option ID = 11880]

7) Which of the following treaties is related to the conservation of wetlands?

[Question ID = 2974]

1. Basel Convention [Option ID = 11893]
2. Cartagena Protocol [Option ID = 11894]
3. Ramsar Convention [Option ID = 11896]
4. Montreal Protocol [Option ID = 11895]

Correct Answer :-

- Ramsar Convention [Option ID = 11896]

8) Which of the following is incorrect regarding Earth Summit (1992):-

(i) The Earth summit was held in Rio de Janerio
(ii) Its most important outcome was Agenda 21

[Question ID = 2976]

1. (ii) [Option ID = 11902]
2. (i) [Option ID = 11901]
3. (i) and (ii) [Option ID = 11903]
4. None of these [Option ID = 11904]

Correct Answer :-

- None of these [Option ID = 11904]

9) Which of the following is most likely to lead to desertification?

[Question ID = 2948]

1. Irrigation in humid climates [Option ID = 11790]
2. Overgrazing by cattle, sheep, or goats [Option ID = 11791]
3. Crop rotation and contour ploughing [Option ID = 11792]
4. The use of artificial fertilizers [Option ID = 11789]

Correct Answer :-

- Overgrazing by cattle, sheep, or goats [Option ID = 11791]

10) Which of the following snakes is known to build a nest and guard its young?

[Question ID = 2978]

1. King Cobra [Option ID = 11909]
2. Banded Krait [Option ID = 11911]
3. Rat Snake [Option ID = 11912]
4. Common Krait [Option ID = 11910]

Correct Answer :-

- King Cobra [Option ID = 11909]

11) Which of the following fuels causes minimum environmental pollution?

[Question ID = 2977]

1. Kerosene [Option ID = 11908]
2. Diesel [Option ID = 11907]

3. Hydrogen [Option ID = 11906]
4. Coal [Option ID = 11905]

Correct Answer :-

- Hydrogen [Option ID = 11906]

12) Which are the backbone of sustainable development:-

[Question ID = 2956]

1. Economically viable and socially equitable decisions [Option ID = 11823]
2. Environmentally sound and socially equitable decisions [Option ID = 11822]
3. Environmentally sound, economically viable and socially equitable decisions [Option ID = 11824]
4. Environmentally sound and economically viable decisions [Option ID = 11821]

Correct Answer :-

- Environmentally sound, economically viable and socially equitable decisions [Option ID = 11824]

13) Which one of the provisions of ISO does not emphasize on Environmental parameters?

[Question ID = 2971]

1. ISO 14031 [Option ID = 11882]
2. ISO 14001 [Option ID = 11881]
3. ISO 14040 [Option ID = 11883]
4. None of these [Option ID = 11884]

Correct Answer :-

- None of these [Option ID = 11884]

14) Which of the following is considered as the 'Kalpataru of Thar Desert'? [Question ID = 2990]

1. Meswak [Option ID = 11958]
2. Khejri [Option ID = 11960]
3. Cactus [Option ID = 11959]
4. Wild Grass [Option ID = 11957]

Correct Answer :-

- Khejri [Option ID = 11960]

15) Which of the following contaminants is considered as a major cause of pollution in Kodaikanal due to the negligence of a renowned FMCG company?

[Question ID = 2973]

1. SOx [Option ID = 11892]
2. VOCs [Option ID = 11891]
3. Methyl isocyanate [Option ID = 11889]
4. Mercury [Option ID = 11890]

Correct Answer :-

- Mercury [Option ID = 11890]

16) What is Breccia?

[Question ID = 2991]

1. Fine volcanic material deposited in an aquatic environment [Option ID = 11963]
2. Fine silt deposited by flooding rivers [Option ID = 11962]
3. Fine snow particles deposited by glaciers in aquatic bodies [Option ID = 11961]
4. PM2.5 in the atmosphere [Option ID = 11964]

Correct Answer :-

- Fine volcanic material deposited in an aquatic environment [Option ID = 11963]

17) Mr. 'X' finds a dead Cheetal deer shot by some miscreants while driving through a National Park. He picks up the carcass and puts it in his car to prepare a meal for all his friends. Later in the evening, he is stopped by a forest guard at the gate of the park and arrested for

having a dead Cheetal in his possession in violation of the provisions of the Wildlife Protection Act. Advise Mr. 'X':-

[Question ID = 2993]

1. He may plead with forest authorities to pardon him as he was not aware that carrying a dead cheetal in his car was an offense under the Wildlife Protection Act. [Option ID = 11969]
2. He may request the Court to excuse him as his advocate had told him that he is not liable if he had not killed the animal [Option ID = 11972]
3. He may plead of not having been warned adequately by the Forest authorities about do's and don'ts on his entry into the park [Option ID = 11971]
4. He must be prepared for punishment as ignorance cannot be pleaded as a ground for defense [Option ID = 11970]

Correct Answer :-

- He must be prepared for punishment as ignorance cannot be pleaded as a ground for defense [Option ID = 11970]

18) An earthquake of 5.0 Richter scale represents _____ more energy than that of 4.0 Richter scale.

[Question ID = 2961]

1. ~2 times [Option ID = 11841]
2. ~30 times [Option ID = 11843]
3. ~10 times [Option ID = 11842]
4. ~100 times [Option ID = 11844]

Correct Answer :-

- ~30 times [Option ID = 11843]

19) A charismatic or well-known species that is associated with a given habitat or ecosystem and that may increase awareness of the need for conservation action is known as:- [Question ID = 2994]

1. Keystone species [Option ID = 11974]
2. None of these [Option ID = 11976]
3. Umbrella species [Option ID = 11975]
4. Flagship species [Option ID = 11973]

Correct Answer :-

- Flagship species [Option ID = 11973]

20) The highest number of sacred groves are found in:- [Question ID = 2986]

1. Chhatisgarh [Option ID = 11943]
2. West Bengal [Option ID = 11942]
3. Andhra Pradesh [Option ID = 11944]
4. Himachal Pradesh [Option ID = 11941]

Correct Answer :-

- Himachal Pradesh [Option ID = 11941]

21) The book "A World of Three Zeros" is written by:- [Question ID = 2988]

1. Jagdish Bhagwati [Option ID = 11951]
2. Amartya Sen [Option ID = 11950]
3. Yunus Muhammad [Option ID = 11949]
4. Raghu Ram Rangarajan [Option ID = 11952]

Correct Answer :-

- Yunus Muhammad [Option ID = 11949]

22) In June 2013, a cloudburst in Uttarakhand caused devastating floods and landslides which became one of India's worst natural disasters due to:-

[Question ID = 2962]

1. Severe earthquake [Option ID = 11847]
2. Tsunami [Option ID = 11848]
3. Human overpopulation in a fragile area [Option ID = 11845]
4. God's curse [Option ID = 11846]

Correct Answer :-

- Human overpopulation in a fragile area [Option ID = 11845]

23) A stratovolcano has alternate layers of:- [Question ID = 2992]

1. Molten rocks and gases [Option ID = 11965]
2. Molten iron and water [Option ID = 11966]
3. Ash and lava [Option ID = 11967]
4. Ash and hot gases [Option ID = 11968]

Correct Answer :-

- Ash and lava [Option ID = 11967]

24) What may happen in the absence of greenhouse gas effect on Earth? [Question ID = 2989]

1. Biotic extinctions [Option ID = 11954]
2. Extension of the polar ice caps [Option ID = 11955]
3. All of these [Option ID = 11956]
4. Return of ice age [Option ID = 11953]

Correct Answer :-

- All of these [Option ID = 11956]

25) Identify a mesoscale phenomenon:-

[Question ID = 2954]

1. Cyclone [Option ID = 11815]
2. Sea breeze [Option ID = 11814]
3. Tornado [Option ID = 11813]
4. Eddies [Option ID = 11816]

Correct Answer :-

- Sea breeze [Option ID = 11814]

26) Identify the correct match:-

[Question ID = 2963]

1. Invasive species – Release of ship's ballast water [Option ID = 11851]
2. All of these [Option ID = 11852]
3. Trawl nets– Marine ecosystem degradation [Option ID = 11849]
4. Climate change – Coral bleaching [Option ID = 11850]

Correct Answer :-

- All of these [Option ID = 11852]

27) Spread of human diseases, such as plague, tuberculosis and AIDS are:-

[Question ID = 2965]

1. Neither density-dependent nor density-independent [Option ID = 11859]
2. Density-independent [Option ID = 11858]
3. Density-dependent [Option ID = 11857]
4. None of these [Option ID = 11860]

Correct Answer :-

- Density-dependent [Option ID = 11857]

28) Sewage disposed into a river decreases:-

[Question ID = 2947]

1. Biochemical Oxygen Demand of water [Option ID = 11785]
2. Concentration of nutrients [Option ID = 11787]
3. Dissolved oxygen [Option ID = 11786]
4. Odour of water [Option ID = 11788]

Correct Answer :-

- Dissolved oxygen [Option ID = 11786]

29) Urban ecology uses methods of:-

[Question ID = 2969]

1. Social and political science to study urban processes and patterns [Option ID = 11876]
2. Social science to study urban processes and patterns [Option ID = 11873]
3. Social science and natural science to study urban processes and patterns [Option ID = 11874]
4. Natural science to study urban processes and patterns [Option ID = 11875]

Correct Answer :-

- Social science and natural science to study urban processes and patterns [Option ID = 11874]

30) If we compare the global growth rate of human population in 1960 and 2018. It has _____.

[Question ID = 2964]

1. Enhanced [Option ID = 11854]
2. Exponentially enhanced [Option ID = 11856]
3. Declined [Option ID = 11853]
4. Remained constant [Option ID = 11855]

Correct Answer :-

- Declined [Option ID = 11853]

31) Main cause of eutrophication in a lake is:-

[Question ID = 2982]

1. Excessive richness of nutrients [Option ID = 11925]
2. High concentration of dissolved oxygen [Option ID = 11926]
3. High growth of aquatic insects [Option ID = 11927]
4. None of these [Option ID = 11928]

Correct Answer :-

- Excessive richness of nutrients [Option ID = 11925]

32) A single child born in a developed country has a greater effect on natural resources than 12 children born in developing countries because of:-

[Question ID = 2966]

1. Consumption overpopulation in developing countries [Option ID = 11861]
2. Human overpopulation in developed countries [Option ID = 11862]
3. The bigger ecological footprint of developing countries [Option ID = 11864]
4. The bigger ecological footprint of developed countries [Option ID = 11863]

Correct Answer :-

- The bigger ecological footprint of developed countries [Option ID = 11863]

33) "Ice Stupa" project in Ladakh was started by:-

[Question ID = 2951]

1. Sonam Wangchuk [Option ID = 11803]
2. Tsering Yama [Option ID = 11804]
3. Madhukar Dhas [Option ID = 11802]
4. Ngawang Phuntsok [Option ID = 11801]

Correct Answer :-

- Sonam Wangchuk [Option ID = 11803]

34) _____ of the world population currently lives in the urban areas.

[Question ID = 2968]

1. ~50 % [Option ID = 11869]
2. ~30 % [Option ID = 11872]
3. ~10 % [Option ID = 11871]
4. ~80 % [Option ID = 11870]

Correct Answer :-

- ~50 % [Option ID = 11869]

35) House sparrow is the state bird of:-

[Question ID = 2958]

1. Diu and Daman [Option ID = 11832]
2. Haryana [Option ID = 11830]
3. Uttar Pradesh [Option ID = 11831]
4. Delhi [Option ID = 11829]

Correct Answer :-

- Delhi [Option ID = 11829]

36) Parasitism and predation are similar as both are:-

[Question ID = 2945]

1. (–/–)interactions [Option ID = 11780]
2. (+/–) interactions [Option ID = 11779]
3. (+/+) interactions [Option ID = 11777]
4. (+/0) interactions [Option ID = 11778]

Correct Answer :-

- (+/–) interactions [Option ID = 11779]

37) Ethnopharmacology deals with:-

[Question ID = 2959]

1. Scientific studies on biological interactions [Option ID = 11835]
2. Scientific studies on indigenous knowledge to identify the medicinally important active principle [Option ID = 11833]
3. Scientific studies on the effect of modern medicines on native plants [Option ID = 11836]
4. Scientific studies on local ecosystems [Option ID = 11834]

Correct Answer :-

- Scientific studies on indigenous knowledge to identify the medicinally important active principle [Option ID = 11833]

38) Forest Research Institute (FRI) is located at:- [Question ID = 2983]

1. Daimabad [Option ID = 11929]
2. Dehradun [Option ID = 11930]
3. Daultabad [Option ID = 11931]
4. Didarpur [Option ID = 11932]

Correct Answer :-

- Dehradun [Option ID = 11930]

39) International Day for Biological Diversity is observed on _____ of each year. [Question ID = 2985]

1. 22 May [Option ID = 11937]
2. 02 February [Option ID = 11940]
3. 05 June [Option ID = 11938]
4. 22 April [Option ID = 11939]

Correct Answer :-

- 22 May [Option ID = 11937]

40) River Lohit is a tributary of:-

[Question ID = 2957]

1. Bhagirathi [Option ID = 11825]
2. Chambal [Option ID = 11828]
3. Brahmaputra [Option ID = 11827]
4. Betwa [Option ID = 11826]

Correct Answer :-

- Brahmaputra [Option ID = 11827]

41) Tihri dam is on the river:- [Question ID = 2984]

1. Bhagirathi [Option ID = 11933]
2. Kaveri [Option ID = 11936]
3. Narmada [Option ID = 11935]
4. Alaknanda [Option ID = 11934]

Correct Answer :-

- Bhagirathi [Option ID = 11933]

42) Of all the solar energy absorbed by vegetation, a fraction of the energy used for assimilation is:-

[Question ID = 2949]

1. =1% [Option ID = 11795]
2. >1% [Option ID = 11794]
3. <1% [Option ID = 11793]
4. None of these [Option ID = 11796]

Correct Answer :-

- <1% [Option ID = 11793]

43) Environmental risk is a phenomenon of:-

[Question ID = 2946]

1. Certainty [Option ID = 11782]
2. Possibility [Option ID = 11781]
3. 50% Likelihood [Option ID = 11783]
4. None of these [Option ID = 11784]

Correct Answer :-

- Possibility [Option ID = 11781]

44) Ecosystem engineers refer to:-

[Question ID = 2960]

1. Policymakers who permit the restoration of degraded ecosystems [Option ID = 11840]
2. Architects who design a green building using a large number of species [Option ID = 11839]
3. Organisms that can alter the distribution and abundance of large numbers of plants and animals, and significantly modify biodiversity [Option ID = 11837]
4. Community ecologists who analyze communities on degraded lands [Option ID = 11838]

Correct Answer :-

- Organisms that can alter the distribution and abundance of large numbers of plants and animals, and significantly modify biodiversity [Option ID = 11837]

45) Which of the following studies is best suited to resolve the conflict between conservation and development? [Question ID = 2987]

1. Ecological Economics [Option ID = 11945]
2. Evolutionary Biology [Option ID = 11947]
3. Community Ecology [Option ID = 11948]
4. Plant Physiology [Option ID = 11946]

Correct Answer :-

- Ecological Economics [Option ID = 11945]

46) National Action Plan on Climate Change, 2008 (NAPCC) includes which of the following programmes:-

(i) National solar mission
(ii) National mission for enhanced energy efficiency
(iii) National mission for sustainable habitat

[Question ID = 2975]

1. (i), (ii) and (iii) [Option ID = 11900]
2. (ii) and (iii) [Option ID = 11898]
3. (i) and (ii) [Option ID = 11897]
4. (i) and (iii) [Option ID = 11899]

Correct Answer :-

- (i), (ii) and (iii) [Option ID = 11900]

47) The highly endangered Brow-antlered Deer, also known as Thamin, is found in:-

[Question ID = 2981]

1. Loktak lake [Option ID = 11922]
2. Sunderbans [Option ID = 11923]
3. Darjeeling [Option ID = 11924]
4. Wular lake [Option ID = 11921]

Correct Answer :-

- Loktak lake [Option ID = 11922]

48) The main workforce of Wangari Mathai's Green Belt Movement in Kenya was:-

[Question ID = 2967]

1. Unemployed men and women [Option ID = 11868]
2. Young school children [Option ID = 11865]
3. Old people with a passion for the environment [Option ID = 11867]
4. Not so educated women [Option ID = 11866]

Correct Answer :-

- Not so educated women [Option ID = 11866]

49) The most suitable range of wind speeds for wind power generation is:-

[Question ID = 2955]

1. 25 – 30 m/s [Option ID = 11819]
2. 4 – 12 m/s [Option ID = 11818]
3. 1 – 3 m/s [Option ID = 11817]
4. 30 – 50 m/s [Option ID = 11820]

Correct Answer :-

- 4 – 12 m/s [Option ID = 11818]

50) The Indian Ocean Tsunami of 26 December 2004 was caused by movements of:-

[Question ID = 2972]

1. Pacific plate and Asian plate [Option ID = 11886]
2. Indian and Australian plates [Option ID = 11885]
3. None of these [Option ID = 11888]
4. Arakan plate and Malayan arc [Option ID = 11887]

Correct Answer :-

- Indian and Australian plates [Option ID = 11885]