

frm211 List of Questions

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Q1 The term \diamond ??peck order \diamond ? \diamond means.....

- ☐ Competition
- ☐ Social hierarchy
- ☐ Cooperation
- ☐ Relationships between animals

Q2 Control technology that involves gassing and shooting wood ducks, poisoning orchard field rodents, special deer and hunts to lessen damage to vineyard, croplands and tree plantations is called?

- ☐ Lethal control
- ☐ Damage insurance
- ☐ Physiological control
- ☐ Environmental control

Q3 An attempts at modifying the offending animals \diamond ?? ability to survive resist other control measures or reproduce is called.....

- ☐ Lethal control
- ☐ Damage insurance
- ☐ Physiological control
- ☐ Environmental control

Q4 Which of these is not a preventive control

- ☐ Fencing
- ☐ Gassing and shooting
- ☐ Frightening devices
- ☐ Chemical repellants and trapping.

Q5 Methods of controlling or alleviating damage of wildlife conservation can be divided into four broad categories, namely;

- ☐ Socio-Economic
- ☐ Chemical and payment for damage.
- ☐ Mechanical and electronic
- ☐ Biological and cultural

Q6 The optimum control of ecological units may include these except.....

- ☐ Reduction in animal \diamond ??s number to immediately alleviate damage.
- ☐ Fencing barriers to prevent access to the crop.
- ☐ Encourage adequate harvest by hunters and establishment of feeding and resting areas on non crop lands.
- ☐ Reduction in animal \diamond ??s number to one year after alleviate damage.

Q7 The benefits of wildlife conservation includes the following EXCEPT.....

- ☐ Promotion of tourism and Bush meat production.
- ☐ Contribution to ecosystem stability
- ☐ Monetary benefit.
- ☐ International heritage and Hides and skin production.

Q8 Wildlife law enforcement has the following first order objective EXCEPT.....

- ☐ To regulate the rate of exploitation of wildlife populations.
- ☐ To minimize the opportunities of all citizens, licensed or not, to experience benefits from wildlife.
- ☐ To assure that desired, calculated harvests are achieved.
- ☐ To assist in balancing users satisfactions with expectations.

Q9 Which of this are not the nine criteria for strengthening wildlife agency legal policy and providing further context for the enforcement agent?

- ☐ The law must order some particular action or attempt to prevent it
- ☐ A need for the law must be clear to the public and to professional wildlife resource managers
- ☐ The law must be directed at ensuring the existence of a species or species group at or above all minimum three holds for survival.
- ☐ The cost of enforcing the law should exceed the estimated net social good resulting from compliance with that law.

Q10 The act of making land produce sustained annual crops of wildlife for recreation use is called.....

- ☐ Wildlife resource recreation
- ☐ Game management
- ☐ Law enforcement of the wild
- ☐ Wildlife resource management

Q11 Which of this statement is not true about legislation of national wildlife conservation law?

- ☐ An attempt was made in 1973 to have a unified and more detail national wildlife conservation law by NWCC and the drafted law are titled **national fauna conservation law** there was the endangered spp (control on international trade and traffic) decree No. 11 of 1985.
- ☐ There is no unified national wildlife conservation law.
- ☐ Conservation and protection of wildlife in Nigeria is still governed by the three old game laws and their several modifications which emerged with the creation of States in 1967
- ☐ Each law has no territorial coverage

Q12 Borgu Game Reserve was created and stimulated the management of Nigeria's wildlife to include recreation and tourism in

- ☐ 1953
- ☐ 1954
- ☐ 1962
- ☐ 1957

Q13 When was Yankari Game Reserve created?

- ☐ In 1966
- ☐ In 1956
- ☐ In 1967
- ☐ In 1957

Q14 The second step in habitat management

- ☐ Historical research
- ☐ Application of tested management
- ☐ Small scale experimentation
- ☐ Ecologic research

Q15 The last step in habitat management

- ☐ Historical research

- ☐ Application of tested management
- ☐ Small scale experimentation
- ☐ Ecologic research

Q16 The first step in habitat management is

- ☐ Historical research
- ☐ Application of tested management
- ☐ Small scale experimentation
- ☐ Ecologic research

Q17 Wildlife biologist will insist upon the following minimal analysis, prior to release EXCEPT.....

- ☐ Resistance to foreign diseases and predators.
- ☐ Possible role of the new species in the new environment.
- ☐ Quarantine hazards.
- ☐ Appropriate minimum stocking numbers.

Q18 Introduction of Exotics Species had few success due to the following reasons EXCEPT

- ☐ The total selection, transportation, quarantines and supervision cost are very great.
- ☐ Importations are an admission of defeat in managing native populations to meet existing needs.
- ☐ Exotic wildlife stay where it is put.
- ☐ The ecological community can be disrupted, and it may not be restored by simply subtracting the problem animals.

Q19 Control of animal population in the National Parks would appear to us to be an integral part of park management, best handled by.....

- ☐ General public
- ☐ Government Personnel
- ☐ Animal Experts
- ☐ National Park service

Q20 Which of this is not a methods of wildlife conservation?

- ☐ Natural Predation
- ☐ Shooting Excess Animals that Migrate Outside the Parks
- ☐ Control by Shooting endangered animal within the Parks
- ☐ Control by Shooting within the Parks

Q21 Equipment used in felling does not include

- ☐ Handsaws
- ☐ axe
- ☐ Wedges
- ☐ plough

Q22 During felling, care must be taken to ensure

- ☐ protection of water and watershed
- ☐ Protect grazing land and shelter belts
- ☐ Ensure minimal damage to the eco system allowing water percolation and soil aeration which in turn prevents soil erosion.
- ☐ all of the above

Q23 Timber inventory procedure involves the following except

- ☐ Discarding economic trees
- ☐ Mapping out the area of operation (in square km) from which felling of expected species is to be done annually
- ☐ Marking out boundary demarcation for the annual areas into blocks
- ☐ Divide the blocks into 8 compartments

Q24 Selection of trees for felling is governed by the following except

- ☐ Minimum diameter of tree
- ☐ Harvesting cost
- ☐ Freewill choice
- ☐ Management policy

Q25 Inducement offered men, to encourage them leave their villages and come to work in the remote parts of the bush include the following except

- ☐ Good wages, with or without a contract
- ☐ Cheap or free food
- ☐ women and children to take care of
- ☐ Medical and sanitary services

Q26 Logging can be divided into the following main groups except

- ☐ Log de-hauling
- ☐ The felling and preparation of logs for transport
- ☐ Minor transport or collecting the logs
- ☐ Major transport, or main log haul

Q27 The purposeful retention of forest or planting of trees in the tropics are done for

- ☐ all of the following reasons
- ☐ Watershed management
- ☐ To arrest desertification
- ☐ soil stabilization and prevention of erosion

Q28 Which of the following is true. Tree cover protects the soil and reduces erosion in the following way

- ☐ tree canopy intercepts rain
- ☐ roots aid binding of soil particles
- ☐ aids moisture retention of soil
- ☐ all of the above

Q29 Social hierarchy in animal population is called

- ☐ peck order
- ☐ home range
- ☐ cooperation
- ☐ competition

Q30 The act of positioning and configuring the land with vegetation needed to sustain the species is referred to as

- ☐ interspersion
- ☐ territories
- ☐ artificial stocking
- ☐ refuge

Q31 The sum of the environmental factors which make a game range habitable is called

- ☐ artificial stocking
- ☐ wildlife management
- ☐ interspersation
- ☐ carrying capacity

Q32 Protected areas where animals could hide against hunting and predator is known as

- ☐ wildlife cave
- ☐ hunting enclave
- ☐ wildlife refuge
- ☐ wildlife habitat

Q33 Which of the following factors may cause log deterioration during transportation and storage

- ☐ seasoning degrade
- ☐ handling damage
- ☐ wet wood
- ☐ all of the above

Q34 What is the Mean annual Rainfall of Southern Guinea Savanna vegetation zone?

- ☐ 500 -1140mm
- ☐ 1070-1270mm
- ☐ 1140-1520mm
- ☐ 1140-1770mm

Q35 What is Duration of Dry season in Derived Savanna vegetation zone?

- ☐ 3-4 months
- ☐ 7-8 months
- ☐ 5-7 months
- ☐ 5-6 months

Q36 The Savanna interface which is between the desert and forest belt is now along the following town except?

- ☐ Kogi
- ☐ Ebonyi
- ☐ Kano
- ☐ Enugu

Q37 The following are the Reality of Climate Change except

- ☐ landslides
- ☐ increase of biodiversity
- ☐ flooding
- ☐ drought

Q38 Naturally occurring compounds that have inhibitory effects on seed germination and growth of neighboring plants include the following except

- ☐ quinones
- ☐ terpene
- ☐ essential oil
- ☐ inorganic cyanides

Q39 Major activity of the action spectrum for the breaking of dormancy in the Grand Rapids cultivar of lettuce is at

- ☐ 665mm
- ☒ 660m
- ☐ 770mm
- ☐ 543mm

Q40 Which of these seeds germinate at about the same rate at 20oC as at 30oC?

- ☐ grape pine
- ☒ lodgpole pine
- ☐ kack pine
- ☐ citrus pine

Q41 The control of population explosion of wildlife can be achieve through the following except

- ☒ creation of more refuges
- ☐ natural predation
- ☐ trapping and transplanting
- ☐ shooting of excess animals

Q42 Which of the following factors may cause log deterioration during transportation and storage

- ☐ seasoning degrade
- ☐ handling damage
- ☐ wet wood
- ☒ all of the above

Q43 Which of these is an example of seed that germinate poorly and slowly

- ☒ Terminalia ivorensis
- ☐ Gmelina arborea
- ☐ Gmelina ivorensis
- ☐ Ivorensis arborea

Q44 Which of these is an example of seed that germinate well if extracted fresh but not uniformly

- ☐ Terminalia ivorensis
- ☒ Gmelina arborea
- ☐ Gmelina ivorensis
- ☐ Ivorensis arborea

Q45 Pre-treatment of seed by gibberellic acid is used for which of these trees?

- ☐ Gmelina ivorensis
- ☒ chlorophora excelsa
- ☐ Ivorensis arborea
- ☐ Prosopis africana

Q46 The most common methods of pre-treatment to hasten germination include the following except

- ☐ scarification
- ☐ soaking in water
- ☒ cooking
- ☐ heating or boiling

Q47 Uniform field planting seedlings with uniform roots and shoots growth which is essential include

these except

- ☐ mechanization
- ☐ chemical weeding
- ☐ expensive use of resources
- ☐ mass production

Q48 Treatment of *Acacia albida* with concentrated sulphuric acid for 10 min significantly gives better germination percentage of

- ☐ 0.99
- ☐ 0.573
- ☐ 0.593
- ☐ 0.873

Q49 Viable seed must be subjected to favourable environmental conditions of these except

- ☐ water
- ☐ temperature
- ☐ dry soil
- ☐ oxygen

Q50 Reduced seed viability may result from several factors except

- ☐ proper seed development on the tree
- ☐ injuries during harvest
- ☐ improper handling procedure during processing
- ☐ ageing

Q51 How does germination test help determine the the amount of seed required to plant a given area?

- ☐ Number of seeds germinated x 100
- ☐ % purity x % germination
- ☐ Number of seeds sown
- ☐ By calculating using the formula: $Wt\ (Kg)\ of\ seed = Area\ to\ be\ planted\ (ha) \times tocking\ per\ ha / \% \ purity \times \% \ germination \times No\ of\ seeds\ per\ Kg$

Q52 Which of the following would you consider the best medium composition for germination in tree nurseries?

- ☐ mixture of top-soil, sand, manure, fertilizer & mycorrhiza
- ☐ sand & insecticide
- ☐ manure
- ☐ top-soil, insecticide & fertilizer

Q53 Failure of viable seeds to germinate may be due to

- ☐ External environmental factors
- ☐ Internal factors within the seed
- ☐ mechanical factors only
- ☐ Options A & B

Q54 What is seed dormancy?

- ☐ Failure of mature seeds to germinate even when environmental conditions are favourable
- ☐ Ability of seeds to germinate under unfavourable environmental conditions
- ☐ Failure of seeds to germinate when sown
- ☐ Ability of the seeds to germinate immediately if planted under favourable conditions

Q55 How can you verify the quality of a seed source?

- ☐ through viability test
- ☐ by physically inspecting the seed lot
- ☐ by growing a population of seedlings from it
- ☐ by considering the quality of fruits it produces

Q56 What determines the success or otherwise of natural tree regeneration?

- ☐ quality of seeds available
- ☐ stem cuttings available
- ☐ amount of seed available
- ☐ Quality and quantity of seeds of the desirable species on the forest floor

Q57 How would you raise for establishment, seedlings of a tree species that has poor or irregular germination?

- ☐ by seeding or using cuttings raised in containers
- ☐ Broadcast
- ☐ stump planting
- ☐ striplings

Q58 Crocodile and Elephants are wildlife features of

- ☐ Yankari National Park
- ☐ Gashaka Gumti National Park
- ☐ Chad Basin National Park
- ☐ Kainji Lake National Park

Q59 It is located in the Northern Guinea Savanna, populated with wildlife species including Buffalo, Roan antelope and hippopotamus, with some of the following vegetation complexes: Burkea/Detarium woodland, Acacia/Anogeissus/Deterium woodland, Isoberlinia tomentosa woodland, the oil river complex & Manyara complex.

- ☐ Cross River National Park
- ☐ Yankari National Park
- ☐ Kainji Lake National Park
- ☐ Old Oyo National Park

Q60 Which year was the first game reserve established in Nigeria?

- ☐ 1955
- ☐ 1956
- ☐ 1957
- ☐ 1958

Q61 The smallest srea of reserved forest is in

- ☐ South Eastern Nigeria
- ☐ South Western Nigeria
- ☐ South Southern Nigeria
- ☐ South Central Nigeria

Q62 Organised forestry was practiced in Nigeria only in two territories until 1916. Which were the territories?

- ☐ Niger Coast Protectorate & Northern Confluent Protectorate
- ☐ Protectorate of Lagos & Southern Protectorate

- ☐ Niger Coast Protectorate & Protectorate of Lagos
- ☐ Protectorate of Lagos & Northern Protectorate

Q63 As at 1980, the forest reserves in Nigeria covered approximately what percentage of the total area of Nigeria?

- ☐ 0.1
- ☐ 0.15
- ☐ 0.114
- ☐ 0.11

Q64 Formation of the first Forestry department in Nigeria was recommended by

- ☐ Sir George Denton
- ☐ Sir Georgina Delta
- ☐ Sir Benson Benson
- ☐ Lord Lugard

Q65 The first forest reserve in Nigeria was created in

- ☐ 1900
- ☐ 1899
- ☐ 1897
- ☐ 1887

Q66 One of the prominent mangrove trees is *Rhizophora racemosa*. Which of the following are features of the fresh water swamp?

- ☐ *Irvingia garbonensis* and *Euphorbia hirta*
- ☐ *Triplochiton scleroxylon* and *Ceiba petandra*
- ☐ *Raphia hookeri* and *Raphia vinifera*
- ☐ *Raphias raf* and *Milicia excelsa*

Q67 Which of these set of trees produce mahogany?

- ☐ *Tridax procumbens* and *Mimosa pudica*
- ☐ *Pavetta corymbosa* and *Terminalia avicenoides*
- ☐ *Khaya ivorensis* and *Entadrophragma cylindricum*
- ☐ *Sesbania sudanica* and *Triplochiton scleroxylon*

Q68 What are forest reserves?

- ☐ Rain forests
- ☐ Sudan savanna
- ☐ areas set aside by government for the protection of wildlife
- ☐ organized conservation of protected habitats and species

Q69 What is the common name of *Terminalia superba*?

- ☐ Abura
- ☐ Mansonia
- ☐ Afara
- ☐ African walnut

Q70 Trees of Storey C of the rain forest have short boles and their crowns are conical in shape. What level of canopy do they form in the forest?

- ☐ conical

- ☐ lower
- ☐ ground
- ☐ upper

Q71 Timber industries include all but one of the following:

- ☐ sawmills
- ☐ natural forests and plantation
- ☐ poles
- ☐ pulp and paper

Q72 In Nigeria, forest resources have potentials. Which of the following is not one of them?

- ☐ Factory construction
- ☐ pulp wood production
- ☐ fuel wood
- ☐ timber resources

Q73 Forest trees can be classified on the basis of the following except:

- ☐ strength
- ☐ their families and species
- ☐ vegetation types
- ☐ morphology

Q74 Non-wood resources of Nigerian forest include the following except one:

- ☐ fruits and herbal medicine stock
- ☐ dye
- ☐ log
- ☐ condiments

Q75 The following are renewable natural resources except one

- ☐ wildlife
- ☐ herbs
- ☐ trees
- ☐ gum

Q76 An evidence of climate change in Nigeria is:

- ☐ rural development
- ☐ wood harvesting
- ☐ coastal erosion and flooding as a result of sea level rise
- ☐ games reserve

Q77 One of the following does not contribute to desertification process.

- ☐ wetland drainage
- ☐ overgrazing
- ☐ bush clearing and burning
- ☐ re-forestaion

Q78 A glaring evidence of climate change in the environment is:

- ☐ loss of biodiversity
- ☐ pollution
- ☐ saw mills

- ☐ logging

Q79 Renewable natural resources are all of the following except:

- ☐ biological resources
- ☐ can regenerate itself
- ☐ needs an adequate seed source for regeneration
- ☐ a brick house

Q80 Constituents of a good environment includes the following except

- ☐ soil
- ☐ water
- ☐ air
- ☐ rain