

- 1- Forests are important due to. (All given)
- 2- A situation where two (or more) species reciprocally affect each other's evolution is describes as _____. (Co-Evolution)
- 3- Natural selection favours genotypes with _____. (All given)
- 4- Candidate gene for drought tolerance include those involved in _____. (All given)
- 5- Forests majorly remove _____ from the atmosphere and produce oxygen (Carbon Dioxide)
- 6- Invertebrates accounts for _____ % of the animals on earth. (95)
- 7- The most important cause of extinction of animals and plants is _____. (Habitat Loss)
- 8- The adaptive capacity of ecosystem is more likely to dependent on _____. (Invertebrate biodiversity*)
- 9- It has been estimated that at least _____ percent of world food production comes from crops that are dependent on insect pollination. (35)
- 10-Diversity of forest genetic resources enables the species to adapt to _____. (All given)
- 11-The ability of one phenotype to produce more than one phenotype when exposed to different environmental conditions without genetic changes is called _____. (Phenotypic Plasticity)
- 12-Forest help in driving _____. (Climate Change*)
- 13-The capacity of ecosystem to adapt is diminished when biodiversity of _____ is lost (Invertebrates)
- 14-Most invertebrates are expected to change their geographical distribution _____. (In response to climate change)
- 15-Forest genetic resources or forest tree genetic resources are _____ of forest shrub and tree species of actual or future value. (Genetic Material)
- 16-Perhaps the most neglected group of all in research, in farming practices, and in policies and strategies for agriculture and biodiversity are the soil-dwelling _____. (Invertebrates)
- 17-..... is defined as the capacity of a particular genotype to express different phenotypes under different environmental conditions. (Phenotypic Plasticity)
- 18-_____ help to maintain soil structure and the availability of water throughout the soil profile (Earthworms)

- 19- _____ ensures the success of species in environments that are highly variable and subject to change. **Genetic Diversity**
- 20- _____ are needed to be able to cope with changing climatic conditions and increasing demands for food and retain the capacity to adapt to potential change in the types of crops grown. **Pollinator Populations**
- 21-The lack of _____ may inhibit the ability of the population to respond to climate change. (**Genetic Diversity**)
- 22-Forest trees are known for showing great _____ in their response to climate changes. (**Plasticity**)
- 23-Tree mortality in ecosystem increases due to changes in _____. (**All given**)
- 24-The act of moving plants and animals by human to different habitat to experience different environmental conditions is termed as _____. (**Assisted Migration**)
- 25-Changes in climate also make it possible for _____ and diseases to invade new areas, destroying the forests there. (**Pests**)
- 26-_____ factor/ factors can affect the services of invertebrates to the environment. (**All given**)
- 27-Tree populations rely on _____ interplaying mechanism to respond to environmental change. (**All given**)
- 28-Climate change related traits include _____. (**All Given**)
- 29-Seed orchards, clone banks and clonal archives are examples of _____ conservation units. (**Static ex-situ**)
- 30-Some larger soil-dwelling invertebrates, such as earthworms, ants and termites, help maintain the chemical fertility needed for _____. (**Plant Growth**)
- 31-The lack of genetic diversity may inhibit the ability of the population to respond to _____ change. (**Climate**)
- 32-_____ have created barriers to the migration of invertebrate species. (**Human activities**)
- 33-Some insects use tree terpenes as precursors for their communication _____ to incorporate them into their own defense systems. (**Pheromones**)
- 34-Hybridisation introduce the new genetic variation required by trees to adapt to _____. (**Novel Environments**)
- 35-Assisted migration may be undertaken _____. (**All given**)
- 36-Considering the better studied mammals and birds, 100% of the currently described species have been evaluated for their conservation statues and, out of these, _____ out of 9990 bird species are considered to be endangered. (**12%**)

- 37-_____ organisms are described as engineers of ecosystem.
(Earthworms)
- 38-Some large soil dwelling invertebrates such as earthworms, ants and termites have been described as “ecosystem_____”.(Engineers)
- 39-Studies have shown that the presence of invertebrates, such as earthworms can help to _____ the effect of drought on crops production.
(Alleviate)
- 40-Almost 35% of world food production comes from crops that are dependent on _____. (Insect Pollination)

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