

Botany Theory paper V-91454-Plant Biotechnology

| Item Text | Option Text 1 | Option Text 2 | Option Text 3 | Option Text 4 |
|--|--|---|---------------------------------------|--------------------|
| One of the requirements for granting a patent is | novelty | cheap raw material | fast processing | stable end product |
| In India, details of desired patent are published after ___ months of the date of filing the application | 12 | 24 | 18 | 15 |
| In India, anyone who wishes to challenge the award of patent can do so within ___ months | 1 | 2 | 3 | 4 |
| The right of an inventor to derive economic benefits from his invention is called as ___ | ownership | intellectual propeerty rights | commercial benefit | trading |
| genetically engineered microorganism like ___ can solve the problem of oil pollution | superbug | superweed | superfish | supershell |
| ___ is a biofuel | natural gas | petroleum | methane | diesel |
| Commonly used biocontrol agent is _____ | Trichoderma | Fusarium | Penicillium | Rhizoctonia |
| A defective gene is replaced by a normal gene in ___ | DNA vaccines | recombinant vaccines | transposons | gene therapy |
| GM food is _____ | GMOs useful as a source of improved food | GMOs that can use genetic modifications as food | disease resistant plants used as food | all of these |
| golden rice can used as a fortification to overcome ___ deficiency | vit B complex | vit D | vit E | vit A |

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|---|------------------------|-------------------------------------|-----------------------|-------------------|
| Flavr Savr tomatoes ripe when on plant and remain firm due to | polygalacturonase gene | antisense of polygalacturonase gene | patatin gene | hemicullose gene |
| Patents for biological entities and their products are called as ____ | biopatents | transgenic patents | DNA patents | not specific |
| Development of crop varieties is protected by __ | patents | plant breeders rights | trademark | copyright |
| maximum duration of patent in India is ____ years from the date of grant of patent | 3 | 7 | 5 | 10 |
| best example of copyright is ____ | books | plant varieties | process | product |
| cell lines developed in the area of Biotechnology come under ____ | trademarks | copyright | trade secret | PBRs |
| The hybrid cell lines are called as, | pure line | hybridoma | monoclonal antibodies | DNA probs |
| A lymphocyte capable of producing a single type of antibody specific agaist specific antigen is called as | protein carriers | vaccins | monoclonal antibody | interferons |
| The edible vaccine of insuline is incorporated in | tomato | potato | tobacco | Arabidopsis |
| The plant system used in r-combinant technology is | tomato | potato | Arabidopsis | maize |
| Vit A is synthecised from | | caratinoid | | |
| The technique in which plants are used as bioreactor to produce transgenic compounds is known as... | Tissue culture | fermentation | organic farming | molecular farming |