

TNPSC GROUP I MAIN

**ADDITIONAL TOPICS FOR PAPER II EXAMINATION (15.09.2021) ALONG WITH
QUESTION BANK BASED TEST (QBBT)**

UNIT II – ROLE AND IMPACT OF SCIENCE & TECHNOLOGY IN THE DEVELOPMENT OF INDIA

- 1. Satellite Technology, Applications**
- 2. Telecommunication, Tele medicine**
- 3. Antibiotics**
- 4. COVID-19**
- 5. Biofertilizer, Biopesticide, Bio-insecticide**
- 6. GM crops**
- 7. Transgenic Animals, cloning**
- 8. Immunization**
- 9. HIV, Malaria, TB**
- 10. Vaccine Development, DNA Vaccine**
- 11. Autoimmune diseases**
- 12. Big Data**
- 13. IoT**
- 14. Smart Grid**
- 15. Monoclonal Antibodies**
- 16. CRISPR**
- 17. Biofuels**
- 18. Nobel Prize 2020 - Medicine, Chemistry**
- 19. 3D Printing**
- 20. OTT, VoIP, VoLTE**
- 21. Social Media - advantage and disadvantage**
- 22. e-Commerce, Net Neutrality**
- 23. Cloud computing, mobile computing**
- 24. Computer security**
- 25. Cyber crime**

26. Fluorosis
27. Remote sensing in Agriculture, disaster management
28. Wi-Fi, Bluetooth, Near Field Communication
29. Artic and Antarctic mission
30. Carbon Nanotubes
31. Optical Fibre Communication
32. Bio-Informatics, Bio-technology
33. Digital Divide
34. Virtual Water
35. Golden Rice
36. Tissue culture
37. AI, AR, VR - Applications

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