K21U 0890
on, April 2021 neering
Max. Marks: 40
(4×1=4) s achieved by codon is called used in rDNA
(7×2=14)

- 6. Genotype
- 7. Lytic cycle
- 8. Col plasmids
- 9. Yeast plasmids
- 10. Topoisomerases

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- 11. Colony hybridization technique
- 12. Live recombinant vaccines
- 13. Distinguish test cross and Back cross
- 14. 'Dolly'.

SECTION - C

Write short notes on any four of the following. Each question carries 3 marks. (4×3=12)

- 15. Transduction
- 16. Yeast mating types
- 17. Production of recombinant human insulin.
- 18. Cloning vectors
- 19. F plasmid
- 20. Transposition

SECTION - D

Write essay on any two of the following. Each question carries 5 marks. $(2 \times 5 = 10)$

- 21. Write a note on different types of mutagens and their mechanism of
- 22. Discuss about different types of plasmids in prokaryotes and their
- 23. Write a note on restriction enzymes and the methods for introduction of rDNA
- 24. What are GM foods? Discuss the advantages and apprehensions about the