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I have created my own YouTube Channel for uploading of self-made videos on every unit / chapter topic wise for classes XII and XI. This effort of mine is to make the teaching learning process more effective, interesting and convenient for my students in this pandemic situation. This also helps those students of mine who are unable to join live online classes on Google Meet due to some or other unavoidable reasons. This also gives an opportunity to my students to revise the portion as and when they require.

I hope and sincerely pray to God that this effort of mine help my students to learn and understand the concepts in a better way.

I have also uploaded a few videos to motivate and help children of adolescence age to cope with the stress and difficulties, which this pandemic time has brought.

The details of E content uploaded by me is as follows:

FOR CLASS XII - TOTAL 77 VIDEOS COVERING COMPLETE REVISED SYLLABUS FOR 2020-2021

1. <https://youtu.be/JOJMGnW99SQ> - INTRODUCTION
2. <https://youtu.be/6HcenPKst0U> - UNIT VI - CH -2 - POLLINATION
3. <https://youtu.be/Bc1gkit8KJ0> - CH -2 - POLLEN PISTIL INTERACTION
4. <https://youtu.be/cACMJAAggyE> -CH -2 DOUBLE FERTILISATION
5. <https://youtu.be/SdrJ4gX-cNk> - CH -2 - POST FERTILISATION EVENTS
6. <https://youtu.be/AfPRBeBPJHI> - CH-2 - OUT BREEDING DEVICES
7. <https://youtu.be/xGyZUk1ZouY> - CH - 2 - ARTIFICIAL HYBRIDISATION
8. <https://youtu.be/ItvggQkVGE> - CH-2- EMBRYO OF MONOCOTYLEDONS SEEDS
9. <https://youtu.be/7udccGPGTgE> - CH-2- SEED

10. <https://youtu.be/Vh8fvSrUclQ>- CH -3- INTRODUCTION OF HUMAN REPRODUCTION
11. <http://youtu.be/K6DO7TAu65E>-CH-3- MALE REPRODUCTIVE SYSTEM .
12. <https://youtu.be/ipo1fStGrYU> - CH-3- SPERMATOGENESIS
13. <https://youtu.be/Oi-4pR4uf0U> - CH-3- FEMALE REPRODUCTIVE SYSTEM
14. <https://youtu.be/OjvArk8szil> - CH-3- MAMMARY GLANDS IN HUMAN FEMALE
15. <https://youtu.be/PWzEPUCC8e0> - CH-3- OOGENESIS
16. <https://youtu.be/2u0iphwdQyg> -CH-3- MENSTRUAL CYCLE
17. https://youtu.be/wVI_x5mqRgc -CH- PREGNANCY AND EMBRYONIC DEVELOPMENT
18. https://youtu.be/HvMO4gRsK_Y - CH-3- PARTURITION AND LACTATION

19. https://youtu.be/C_T7G12-aqA-CH-4- REPRODUCTIVE HEALTH - AN INTRODUCTION
20. <https://youtu.be/pEQqRf78MVc> -CH-4- CONTRACEPTIVE METHODS
21. <https://youtu.be/hlJBvM8KamM> -CH-4- MEDICAL TERMINATION OF PREGNANCY
22. <https://youtu.be/4QwA3GyaBt0>-CH-4- SEXUALLY TRANSMITTED DISEASES
23. <https://youtu.be/7wb3By3vZgg> -CH-4- INFERTILITY AND ASSISTED REPRODUCTIVE TECHNOLOGIES

- 24 <https://youtu.be/TqYcQYXaLrs.-> UNIT VII- GENETICS -CH 5- AN INTRODUCTION TO THE PRINCIPLES OF INHERITANCE AND VARIATION
25. <https://youtu.be/rxXRR18F5vs-> CH-5- WORK DONE BY MENDEL
26. <https://youtu.be/pDAWk1XhXmc> - CH-5- DIHYBRID CROSS
27. <https://youtu.be/znw6UpSND90> - CH-5- INCOMPLETE DOMINANCE
28. <https://youtu.be/vGY3NGQWPww> -CH-5- CODOMINANCE
29. <https://youtu.be/nH1kdfYCqTc-> CH-5- CHROMOSOMAL THEORY OF INHERITANCE
30. <https://youtu.be/8DcTYews-zw> - LINKAGE AND GENE MAPPING
31. <https://youtu.be/EGuPqFHe2QU> -CH-5- SEX DETERMINATION
32. <https://youtu.be/6Fnz0a9CPj4> -CH-5- PEDIGREE ANALYSIS
33. <https://youtu.be/dLq1HMh13Js-CH-5-> MUTATIONS
34. https://youtu.be/_oU5ZPRo6Lo-CH-5- GENETIC DISORDER- HAEMOPHILIA
35. <https://youtu.be/V2qfkS0bpxl> - CH-5- GENETIC DISORDER - SICKLE CELL ANAEMIA
36. <https://youtu.be/htDmXDGKcQM-> CH-5- GENETIC DISORDER - PHENYLKETONURIA
37. <https://youtu.be/LA18mMnx4AE-> CH-5- DOWN'S SYNDROME
38. <https://youtu.be/7a0SITmfBMo> -CH-5- KLINEFELTER'S SYNDROME
39. <https://youtu.be/Wk8MEBIQuJI> - CH-5- GENETIC DISORDER - THALASSEMIA
40. <https://youtu.be/v2qZX-R1RfM> - CH-5 - GENETIC DISORDER - COLOUR BLINDNESS
41. <https://youtu.be/0hE1dWSB8Ls-> CH-6- MOLECULAR BASIS OF INHERITANCE - STRUCTURE OF DNA
42. <https://youtu.be/1x-hdzRvOTk-> CH-6- SALIENT FEATURES OF DNA AND CENTRAL DOGMA
43. <https://youtu.be/9H3oFwuorQg> -CH-6- PACKAGING OF DNA HELIX
44. <https://youtu.be/kC5Yx7wwpIE> - CH- 6- GRIFFITH'S EXPERIMENTS
45. <https://youtu.be/SCbmqYprSYY> - CH-6- HERSHEY CHASE EXPERIMENT
46. <https://youtu.be/T3AhqRhpUxg> - CH-6- DNA Vs RNA - A COMPARISON
47. <https://youtu.be/D9mo0uAN6B0-CH-6-> SEMI CONSERVATIVE REPLICATION OF DNA
48. <https://youtu.be/BKCS8O3i9EM-> CH-6- TRANSCRIPTION
49. <https://youtu.be/lnbvFBM1Xzc-> CH- 6- GENETIC CODE
50. https://youtu.be/h6v7_luuFml - CH-6- TRANSLATION
51. <https://youtu.be/cuPh8bP0yDg> - CH-6- REGULATION OF GENE EXPRESSION
52. https://youtu.be/JPYdlv63Q_Q - CH-6- THE LAC OPERON
53. <https://youtu.be/5iNmFnt3pNk-> CH-6- HUMAN GENOME PROJECT
54. <https://youtu.be/xEtj128iYsM> -CH-6- DNA FINGERPRINTING
55. <https://youtu.be/SGx04k3Ma3s-> UNIT - VIII - BIOLOGY IN HUMAN WELFARE - CH - 8- HUMAN HEALTH AND DISEASE- COMMON DISEASES IN HUMANS
56. <https://youtu.be/QbwQbxZ7-G8> - CH-8- LIFE CYCLE OF PLASMODIUM
- 57 <https://youtu.be/lCuPcSdDwmq> - CH-8- IMMUNITY.
58. <https://youtu.be/MPqd1x-bMW8-> CH-8- AIDS
59. <https://youtu.be/bIUHAnnMgOM-> CH-8- CANCER
60. <https://youtu.be/78Eq12nH8mY-> CH-8- COMMONLY ABUSED DRUGS

61. <https://youtu.be/3yrWJyggKbo>- CH -10- MICROBES IN HUMAN WELFARE
- MICROBES IN HOUSEHOLD AND INDUSTRIAL PRODUCTS
62. <https://youtu.be/6go39OgzWHA>- CH-10- MICROBES IN SEWAGE TREATMENT
63. <https://youtu.be/XjkPBWpjAb8>- CH-10- MICROBES AS BIO CONTROL
AGENTS AND AS BIOFERTILIZERS
64. <https://youtu.be/hZfHqrpZR8U>- UNIT - IX- BIOTECHNOLOGY - CH - 11- DNA
RECOMBINANT TECHNOLOGY
65. https://youtu.be/Jbsc1_8waw0- CH-11- GEL ELECTROPHORESIS
66. <https://youtu.be/t-z7YcCGA3o>- CH-11- CLONING VECTORS
67. https://youtu.be/014FK_Djl-M- CH-11- PROCESS OF RECOMBINANT DNA
TECHNOLOGY
68. <https://youtu.be/-xabXNmWY9B8>- CH -12- BIOTECHNOLOGY AND ITS
APPLICATIONS- BIOTECHNOLOGICAL APPLICATIONS IN AGRICULTURE
69. <https://youtu.be/ofoDzxQTMjw>- CH-12- GENETICALLY ENGINEERED
INSULIN-
70. <https://youtu.be/QkA35PTHHmk>- CH-12- GENE THERAPY
71. <https://youtu.be/Fs2imoVUp6Q>- CH-12- MOLECULAR DIAGNOSIS
72. <https://youtu.be/-UB7cu1myZs>- CH-12- TRANSGENIC ORGANISMS, ETHICAL
ISSUES AND BIOPIRACY
73. <https://youtu.be/gnLUAh-46yA>- UNIT -X- ECOLOGY- CH-13- ORGANISMS AND
POPULATIONS- ORGANISMS AND THEIR ENVIRONMENT
74. <https://youtu.be/8WY5xmDEb6A> - CH-13- POPULATIONS
75. https://youtu.be/4nPGj_eh3gk- CH-13- POPULATION INTERACTIONS
76. <https://youtu.be/m0CKFbk5ldc>- CH- 15- BIODIVERSITY AND CONSERVATION
-PATTERNS OF BIODIVERSITY AND CAUSES OF ITS LOSS
77. <https://youtu.be/VUDViDL0p9Q>- CH-15- BIODIVERSITY CONSERVATION -
WHY AND HOW? HOTSPOTS, SACRED GROVES AND RAMSAR SITES