



GYANDOOT PHASE 1 & 2

Subject Name: Botany

S.No	Topic Name	YouTube Link
1	Life Cycles of Various Groups of Plant Kingdom	https://youtu.be/a2ym6q_8SwQ
2	Bryophytes: An Introduction	https://youtu.be/VHPMKrygr8k
3	Gene Concept	https://youtu.be/EBLC9K3WLXw
4	Mendelian Genetics	https://youtu.be/9A2t5UACXuo
5	Gene Interactions	https://youtu.be/TfSP71Te6FA
6	Photosynthesis: Light Reaction	https://youtu.be/xAltKYlrX34
7	Photosynthesis: Dark Reaction	https://youtu.be/KFp1uymiONE
8	Cellular respiration	https://youtu.be/Gha0gjlJ9is
9	DNA Replication	https://youtu.be/aKn7VK-hXLY
10	Protein Structure	https://youtu.be/H2OsBZd57QM
11	Climate Change	https://youtu.be/eKoWWWd0cT4
12	Flower Description in Semi Technical Terminology	https://youtu.be/iqgr1sNNnbU
13	Reproductive Structures of Angiosperms	https://youtu.be/WvIku6fIDK4
14	Development of Female Gametophyte in Angiosperms	https://youtu.be/sgAbFnXf9JI
15	Vascular System in Pteridophytes	https://youtu.be/XQt8qPxy7E
16	Secondary Growth in Plants	https://youtu.be/V1kViWDnKtM
17	Ecological Adaptations - Hydrophytes	https://youtu.be/pZsgcOr9Juo
18	Recombinant DNA Technology	https://youtu.be/8bu1IZTY4ss

19	Plant Tissue Culture : An Introduction	https://youtu.be/TdKa3_DJ1-4
20	Developments in Plant Tissue Culture Techniques	https://youtu.be/wZrI458gMlk
21	Cell Division	https://youtu.be/IWb0z43mZuw
22	Transcription	https://youtu.be/Incl09Tm_YM
23	Translation in Eukaryotes	https://youtu.be/dQ5KvKxN_bM
24	Cell Wall	https://youtu.be/C85xOZjInT4
25	CAM plants	https://youtu.be/ml_cJZYvENQ
26	Biochemical organization of DNA	https://youtu.be/A_KZpDo8qPg
27	Herbarium techniques	https://youtu.be/Fc4koiNgZtl
28	Plasma membrane	https://youtu.be/JgOOpeMqAmM
29	General characters of Fungi	https://youtu.be/Nk_zlDFBlSE
30	Protein synthesis	https://youtu.be/3FQyE4TrCLM
31	Ecological pyramids	https://youtu.be/FNG3yLV2hN0
32	Plant tissue culture - Somaclonal variations	https://youtu.be/M4vGkMBb8nA
33	Genetic recombination in bacteria	https://youtu.be/KefRrex99Gg
34	Structure of DNA	https://youtu.be/4fUdOckWxpk
35	Anatomy of dicot stem	https://youtu.be/uYF6XOBxSdl
36	General characters of pteridophytes	https://youtu.be/HO9GLFNIu8l
37	C4 Pathway	https://youtu.be/t1OKYaR2kio
38	Atmospheric gas composition	https://youtu.be/_yE_qLDROgk
39	Difference between Gymnosperms and Angiosperms	https://youtu.be/VC2-QdT4K1k
40	Anatomy of monocot stem	https://youtu.be/-EWRTQSePUs
41	Life cycle of Puccinia	https://youtu.be/YPIXCrFC0lg
42	Various forms of DNA	https://youtu.be/cE9cMetbpGo
43	Photorespiration	https://youtu.be/q926YBcwp2k
44	Types of Inflorescence	https://youtu.be/UITZqW7E8Ec
45	Reproduction in fungi	https://youtu.be/XPD-wJb-DMY
46	Cycadofilicales	https://youtu.be/NGePbc1AI_M
47	Agrobacterium tumefaciens	https://youtu.be/lidz05AcJhA

48	Economic importance of fungi	https://youtu.be/jT1_kXlmf8Q
49	Life cycle of Angiosperms	https://youtu.be/fCrgTg6pA54
50	Classification of fungi	https://youtu.be/X88Kwm9yp6M
51	Micropropagation	https://youtu.be/FT527ioPWoQ
52	Development of embryosac and seed formation	https://youtu.be/vDbpFbXVq24
53	Bacteriophage multiplication	https://youtu.be/xE-VfMYFgSk
54	Economic importance of Algae	https://youtu.be/MdHPVvKbVbk
55	Photosynthetic pigments	https://youtu.be/mD0HwUyvyvM
56	Root and stem anatomy in Angiosperms	https://youtu.be/wCy1IXTDpcM
57	Phytophthora	https://youtu.be/aNtIVIKM3RA
58	Structure of Bacteriophage	https://youtu.be/hi8HLSWQQuA
59	Phyto Indicators	https://youtu.be/tQf6gj7oc3k
60	Taxonomic literature	https://youtu.be/cRukKz4drsl
61	Albugo	https://youtu.be/cRukKz4drsl
62	Peziza	https://youtu.be/98P8ioCIYfo
63	Rubber	https://youtu.be/o0oZR946DX4
64	Medicinal plants	https://youtu.be/wkF9T71SDxU
65	Ascomycetes	https://youtu.be/T4Jrzrrzwuk
66	Claviceps	https://youtu.be/o12mPkdSPfo

Subject Name: Zoology

S.No	Topic Name	YouTube Link
1	Development potencies of cells to understand stem cell technology	https://youtu.be/OkPi6z4A18g
2	Monoclonal Hybridoma Technology	https://youtu.be/PcF75NbWOXI
3	Membrane Transport	https://youtu.be/PSjxMChkpzl
4	Physiology of Digestion in Mouth	https://youtu.be/HfMi_20DuHo

5	Maxam Gilbert DNA Sequencing	https://youtu.be/Wqckfvf9-tg
6	Spermatogenesis	https://youtu.be/xg65khOxTpl
7	Apiculture	https://youtu.be/X9h68D017Bc
8	Classification of Chordates	https://youtu.be/ELPHMUEjpHw
9	Water Pollution	https://youtu.be/cjmaXVSYQys
10	Recombinant DNA Technology	https://youtu.be/KOOAiRBRHGw
11	Characteristics of Chordates	https://youtu.be/GiQ5881wSEQ
12	Definition and Terminology of Genetics	https://youtu.be/q4S_DFn3HZk
13	Parasitic Adaptations of Platyhelminthes	https://youtu.be/9kR2AP2j2Yw
14	Territorial Behavior In Animals	https://youtu.be/f01PDfoD4S4
15	Protein Sequencing	https://youtu.be/BAAiPKQKRgY
16	Osmoregulation In Fishes	https://youtu.be/celJJj-CNRo
17	Ecology & Human Future	https://youtu.be/yQCpvsWLvX4
18	details not sent by coordinator, youtube video removed	https://youtu.be/DLLbKVvs54k
19	Digestive system of Pila	https://youtu.be/wSXbNC1ac_k
20	WASTE-WATER TREATMENT	https://youtu.be/y7dodnjfEfQ
21	Economic Importance of By-products of Fishes	https://youtu.be/gzAot7dnEOA
22	Endoskeleton Of Vertebrates	https://youtu.be/FhkewYynMjQ
23	Ecosystem	https://youtu.be/0wSz3UyR6bl
24	Identification of Fishes	https://www.youtube.com/watch?v=r68CWQETWps
25	General Classification of invertebrates	https://youtu.be/KTNkC0YGAF8
26	Characters and classification of arthropoda	https://youtu.be/sFQzauWFjGc
27	Coelom	https://www.youtube.com/watch?v=vwMSXmF9nz4
28	Basis of classification	https://www.youtube.com/watch?v=BQhK4BUpork
29	Classification of protozoa	https://youtu.be/4tCiAKF3AbQ

30	Life Cycle of Sea Cucumber	https://youtu.be/HR1ZE_m8IGM
31	Concept of growth	https://youtu.be/uSKVvjEcjTk
32	Pituitary gland	https://youtu.be/XxR5KmlL4bQ
33	Endocrine system	https://youtu.be/EdcMLNS-X6k
34	Porifera	https://youtu.be/CU4xeP2oiMc
35	Taxonomy part 4	https://youtu.be/FRjMfzkUD6M
36	Taxonomy part 3	https://youtu.be/JfsLcLw2A1w
37	Taxonomy part 2	https://youtu.be/qRkQa1Cl_k0
38	Coelenterata	https://youtu.be/ukCMYlvAGvQ
39	Classification of echinodermata	https://youtu.be/RuF3fc2vnyA
40	Classification of molusca	https://youtu.be/wG8b5rUjqAc
41	Characters and classification of Annelida	https://youtu.be/olBlqDjpHCw
42	General characters of Chordates	https://youtu.be/WbP_ClZaorA
43	Class- Amphibia General characters and classification	https://youtu.be/Vja6FBU9sSo
44	Excretory System	https://youtu.be/cUXsaEBd8Ho
45	Protozoa part 1	https://youtu.be/2ShLibMwpEg
46	Protozoa part 2	https://youtu.be/3-VkQrVd6Tk
47	Porifera part 1	https://youtu.be/GK9NkPaSUI0
48	Porifera part 2	https://youtu.be/FvQzru6aCQ4
49	Taxonomy part 8 coelenterata part 2	https://youtu.be/5j20sMBRMtA
50	Ctenophora	https://youtu.be/vK8ZD4r2qts
51	Class amphibia	https://youtu.be/mee_pg4fJkU
52	Frequency distribution	https://youtu.be/WxlaLk8OI2A
53	Spermatogenesis	https://youtu.be/3D_e4hHYrVc
54	Cloning	https://youtu.be/iBgpeCtHJZQ
55	Oogenesis	https://youtu.be/1JEKi6qPenQ
56	Oogenesis	https://youtu.be/1ebIhjjzRpY

57	Oogenesis	https://youtu.be/naLHbSLFu14
58	Fertilization	https://youtu.be/r5o9hZc_V28
59	Cleavage	https://youtu.be/dK-WanjLA0c
60	Spermatogenesis	https://youtu.be/1ZeC1fGiX0
61	Spermiogenesis	https://youtu.be/2jx_gBMO1os
62	Lac Operon	https://youtu.be/k20nLKRvTE4
63	Lac Operon Part II	https://youtu.be/oiM44Q87zNY
64	Ag-Ab reaction	https://youtu.be/OaG-sQSD6II
65	Spermatogenesis	https://youtu.be/vimJu28dXyY
66	Spermatogenesis II	https://youtu.be/oitmt44URp0
67	Spermatogenesis- Formation of Sperm Head	https://youtu.be/K2ahmVmq4zI
68	Genetic Code- I	https://youtu.be/M0ePDOJLwqk
69	Genetic Code- II	https://youtu.be/SyDTuZdKusw
70	Protein Synthesis	https://youtu.be/WdoG0Br1cVM
71	Mechanism of Protein Synthesis	https://youtu.be/aleDt0tS3Is
72	Protein Synthesis- Translation	https://youtu.be/n-Tce8PfoNk
73	RNA Splicing	https://youtu.be/WfGna3poMso
74	RNA Processing	https://youtu.be/oU687hIU2WY
75	Protein Synthesis- Process of Transcription	https://youtu.be/ULQzIY0MGd8
76	Corynebacterium diphtheriae	https://youtu.be/46sp1DRbxEk
77	Prawn Culture	https://youtu.be/9b11aoS8Glo

Subject Name: English

S.No	Topic Name	YouTube Link
1	How to Score High Marks in English Literature	https://youtu.be/n0VRj2g2HTk
2	Metaphysical Movement	https://youtu.be/AGZPyhapRew
3	T.S Eliot as a Poet	https://youtu.be/gUtMIos6CFs

4	Victorian Age	https://youtu.be/L0SHPOegSrk
5	Aristotle the Critic	https://youtu.be/jpW3F7POo00
6	Phonetic Transcription	https://youtu.be/SjUuNQYkaGl
7	Critical Appreciation of Poetry	https://youtu.be/-frsw1CwaZs
8	Romantic criticism	https://youtu.be/Tkq6QuCPA7c
9	Direct Indirect Speech	https://youtu.be/4UBM-yv4VWw
10	Figures of Speech	https://youtu.be/mbuExiRhe7o
11	Elizabeth age	https://youtu.be/x0K2LFflo6U
12	Romantic Age	https://youtu.be/X21dVbnJLYQ
13	bacon as an Essayist	https://youtu.be/Nz5sraZtZJY
14	Reading and Writing Skills	https://youtu.be/vqPj21LJgDY
15	Communication Skills	https://youtu.be/P9ZOZwsaQYI
16	Sonnet	https://youtu.be/uesXu_A9kMw
17	W.B. Yeats as a poet	https://youtu.be/cgLoLYCE9h0
18	Sensuousness in Keats	https://youtu.be/KUa99aebIpY
19	Post Colonial writings	https://youtu.be/kuLYRM3C02I
20	Prosody	https://youtu.be/s1abyHv_wlA
21	Literary Terms	https://youtu.be/rSbkN8iweho
22	Theater of the absurd	https://youtu.be/639S4l_Wn-0
23	How to Write A Character Sketch	https://youtu.be/g6zM3N5zR8k
24	Ice and Fire : Analysis	https://youtu.be/gY0EM504u9M
25	Robert Browning (Pt.1) : Introduction	https://youtu.be/IRFBF44Wnts
26	Dramatic Structure and Story - telling	https://youtu.be/kR_2vAL3z3w
27	What is Literature	https://youtu.be/-y7jOSaOVWc
28	English Morphology & Sounds (Pt. I)	https://youtu.be/vaUjgLO-lvM
29	Features of Elizabethan Literature	https://youtu.be/NK3YuBYtqko
30	Metaphysical School of Thought	https://youtu.be/eQAYR6rbl1Y
31	English Morphology & Sounds (Pt. II)	https://youtu.be/ez5eJuow6lg
32	Gray's Elegy Written in Country Churchyard - An	https://youtu.be/9UIsSSXOTgU

	Analysis	
33	G. M. Hopkins as a Poet : An Overview	https://youtu.be/leMYK_LlrSk
34	English Morphology and Sounds (Pt. III)	https://youtu.be/Ekas9_VSIQE
35	History of English Novel (Pt. I)	https://youtu.be/znBHQaKNMkl
36	History of English Novel (Pt. II)	https://youtu.be/hQivm5knAdl
37	History of English Novel: Pioneers & Key Features of the 18th Century Novels- Part III	https://youtu.be/v17xttptu0ng
38	English Morphology & Sounds (Pt. IV)	https://youtu.be/muQn5uAdGsl
39	Elegy Written in Country Churchyard (Pt. II)	https://youtu.be/X11qtVKV1ZM
40	Translation from Hindi to English	https://youtu.be/wvSPDyNNCOs
41	Bacon As An Essayist	https://youtu.be/nHUQv7ysnOg
42	Art and Craft of Robert Browning	https://youtu.be/iyAnPJj_Dq8
43	The World Is Too Much With Us	https://youtu.be/lVz_rTvsJ6U
44	Essentials of Shakespeare	https://youtu.be/p_shfjuulxs
45	Girish Karnad : An Introduction	https://youtu.be/H1M-AXJJ4bg
46	Transformation of Sentences : Speech	https://youtu.be/U6EHpi_ZJRc
47	Alexander Pope As A Representative Poet	https://youtu.be/T5-7ghwc1do
48	History of English Novel: Types/Genres of Novel- Part IV	https://youtu.be/HM2DOJsz1rA
49	Elegy Written in Country Churchyard Pt. III	https://youtu.be/5AoHbx-YwTE
50	Wordsworth As A Poet	https://youtu.be/TurOalrzUyY
51	Elements of Shakespearean Comedy (Merchant of Venice)	https://youtu.be/-q5nhzFg89k
52	Francis Bacon's "Of Studies"	https://youtu.be/l6JDtGkwYVc
53	John Donne : A Metaphysical Poet	https://youtu.be/bq0V6rwm3j0
54	Transformation of Sentences Active and Passive	https://youtu.be/rHwj3gb-dKs
55	When To The Sessions Of Sweet, Silent Thought	https://youtu.be/P0SznesKUXg
56	How To Write A Critical Appreciation Of A Poem	https://youtu.be/gKH78rF0e4s
57	The Second Coming	https://youtu.be/ODR9e_4nbn4

58	Night of The Scorpion	https://youtu.be/ehEX3JDP4R4
59	A Cup Of Tea	https://youtu.be/kcNIS3s2iJE
60	Elegy Written In Country Churchyard (Pt. IV)	https://youtu.be/LaUmZdhxb0E
61	Third Thoughts	https://youtu.be/Qkot--Rkjow
62	Let Me Not To The Marriage Of True Minds	https://youtu.be/VbvD4n3a41M
63	Solitary Reaper	https://youtu.be/zlijlO0DjlQ
64	Dr. Heidegger's Experiment	https://youtu.be/Oc6SGvS0XEc
65	Dover Beach	https://youtu.be/6ICzcBeWZgk
66	On National Prejudices	https://youtu.be/F4eoDeJZZmA
67	Animal Farm (Pt. I)	https://youtu.be/gJ3U1fk_8UY
68	Non Finite Verbs	https://youtu.be/HIPJqoE2U3w
69	The Spectator Club	https://youtu.be/HpJ9-usJBsQ
70	Literary Devices in Let Me Not To The Marriage Of True Minds	https://youtu.be/kgYCu95ay_Y
71	My Last Duchess	https://youtu.be/SBahBVCOoyQ
72	Of Studies	https://youtu.be/hCbD8abpkml
73	Characters in Animal Farm (Pt I)	https://youtu.be/CgaR2G-8Rac
74	Animal Farm As An Allegory	https://youtu.be/tgZnKf6csxw
75	How To Write Reference to Context : Potey	https://youtu.be/KIE66TUOTSM
76	The Tiger and The Deer	https://youtu.be/q0W4BEpvZ90
77	Go And Catch A Falling Star	https://youtu.be/c-KuJem6bXA
78	On His Blindness : An Introduction	https://youtu.be/a-oAH6hNb_Y
79	Bores	https://youtu.be/JOtWELdkMbM
80	Tragedy : The Literary Term	https://youtu.be/66kPTXCoZPg
81	Ode To The West Wind (Pt.I)	https://youtu.be/Kov8T9KwNBM
82	Ode To The West Wind (Pt. II)	https://youtu.be/gUr4JVn6QA4
83	Romantic Era In British Literature	https://youtu.be/r873LFg2AxM
84	Old Man At The Bridge	https://youtu.be/at-lTnrab5U
85	When To The Sessions ...	https://youtu.be/huEzZX2Veds

86	Far From The Madding Crowd	https://youtu.be/VyGjUrMrF0s
87	Where The Mind Is Without Fear	https://youtu.be/_w3-hB6kISs
88	Machines And Emotions	https://youtu.be/jWFdZ43AQBQ
89	Enterprise	https://youtu.be/wcQC9sk-Hio
90	In Praise Of Ignorance	https://youtu.be/H_lfM8jDqhU
91	Seven Rules For Writing	https://youtu.be/AgMyiggH7Wk
92	Church Going	https://youtu.be/FsmFYJGuOFU
93	Rime of The Ancient Mariner (Summary)	https://youtu.be/H4BCvd666CE
94	Freedom	https://youtu.be/KA-1pjrRTK8
95	Birches	https://youtu.be/UkmK4gyrdg4
96	The Seven Ages Of Man	https://youtu.be/83FSJ5Vv5fs
97	What I Require From Life	https://youtu.be/R8DN_8mERnw
98	Loyalties Pt. I	https://youtu.be/jqiO8zCU494
99	Tara	https://youtu.be/2mIsMPVh_qw
100	Loyalties	https://youtu.be/ekzjHHppLAU
101	The Three Dancing Goats Pt. I	https://youtu.be/Zo-qSC07Vnk
102	The Three Dancing Goats Pt. II	https://youtu.be/P-l4YgWh54s
103	On His 23rd Birthday	https://youtu.be/Q4FDxG2Aefl
104	Elements of Shakespearean Tragedy	https://youtu.be/9w7CgUP4mk4
105	The Stolen Boat	https://youtu.be/ebsacyEqn7I
106	The Indian Weavers	https://youtu.be/epLgL7eoByk
107	In Superstitions	https://youtu.be/V_RYZAdY_xE
108	The Bangle Sellers	https://youtu.be/HfJBnlx9_xk
109	Death Be Not Proud	https://youtu.be/_-1IsRAMSdk
110	Christabel Pt. I	https://youtu.be/C1UVmaZ4MxE
111	The Love Song of J. Alfred Prufrock	https://youtu.be/VrPBWlf93B4
112	Henrik Ibsen : An Introduction	https://youtu.be/mVf4hseLtMg
113	Literary Devices in "On His Blindness"	https://youtu.be/5OH-as62IEo
114	Fern Hill	https://youtu.be/S4e5N693vCw

115	Shall I Compare Thee...	https://youtu.be/U1PVbkM8e7E
116	The Pulley	https://youtu.be/Z1ZUUgfNVoY
117	The Wasteland : Myths and Legends	https://youtu.be/i0_SpIK-6yM
118	The Soul's Prayer	https://youtu.be/mwtokrkmv4g
119	Virginia Woolf : Professions For Women	https://youtu.be/wZ19jENQGIk
120	The Fortune Teller	https://youtu.be/R4oMRMeqEwU
121	Grief	https://youtu.be/Y7OOwIOReKE
122	The Doll's House	https://youtu.be/5-1mIMPRWDc
123	Bathsheba Everdene (Far From The Madding Crowd)	https://youtu.be/yXbp9-cYvow
124	Fanny Robin : Character in Far From The Madding Crowd (Symbolic of Women's Fate in Victorian Society)	https://youtu.be/O4asuPHCWoE

Subject Name: Political Science

S.No	Topic Name	YouTube Link
1	Kautilya	https://youtu.be/i-4Xiw9RaMw
2	भारत के राष्ट्रपति की निर्वाचन प्रणाली	https://youtu.be/5peb-2ohOYE
3	गांधी दर्शन की प्रासंगिकता	https://youtu.be/mYMbNwWuCDc
4	हेगेल का राज्य सिद्धांत	https://youtu.be/hl9yMbNGswo
5	Cold War	https://youtu.be/x4PWukvm_kQ
6	Social Contract Theory of Hobbes	https://youtu.be/e6gK9caEPBE
7	QUESTION ANSWER SESSION	https://youtu.be/79aAfFx9buQ
8	Features of Greek political philosophy	https://youtu.be/fUnVksPrS_w
9	Judicial review	https://youtu.be/lhZs9nbqQ8M
10	नई अंतरराष्ट्रीय अर्थव्यवस्था	https://youtu.be/SbkVuQoq6QQ
11	United Nations Organization	https://youtu.be/t-T1C_1n3m0
12	Preamble of the Indian Constitution	https://youtu.be/EjUCEaiepNA
13	Constitution of India -An Introduction	https://youtu.be/i9bAxO4ZGj4

14	Right to information:An Overview	https://youtu.be/IXz_YliZyyI
15	Justice Theory of Plato	https://youtu.be/j-pY9GF052U
16	Behaviorism	https://youtu.be/iZ56ODIkptk
17	John Stuart Mill	https://youtu.be/RSm3BNJUvoA
18	Parliamentary System	https://youtu.be/E66eieXTF2M
19	Contract Theory of Rouso	https://youtu.be/FSCaTMgftJ0
20	Education theory of Plato	https://youtu.be/xq-ALudb62k
21	प्लेटो का साम्यवाद	https://youtu.be/yhzB7UbiJKo
22	मनु के राज्य संबंधी विचार	https://youtu.be/VSSZBenCOSQ
23	Ideal State of Plato	https://youtu.be/fxUjXkuR4tw
24	भारत में मतदान व्यवहार	https://youtu.be/kGgA_mi9UV4
25	Loksabha	https://youtu.be/ZrN46ovUhZw
26	Rajyasabha	https://www.youtube.com/watch?v=R_Pj6Kq0pq-o
27	Preamble of Indian Constitution	https://www.youtube.com/watch?v=tC_LlBy2qh80
28	Introduction to Western Political Thought	https://youtu.be/nMwanP9nY-g
29	Federal System of India	https://www.youtube.com/watch?v=g_T9C_uKm1Pw
30	Schedules of the constitution of India	https://www.youtube.com/watch?v=n_bgal5Mof8E
31	Theories of Origin of State- The Social Contract Theory	https://www.youtube.com/watch?v=m34UC-3VsDY&t=5s
32	Political Theory - Behaviouralism	https://youtu.be/ysZaVPlogf4
33	Kautilya - Foreign Policy	https://youtu.be/6DidT6FruzA
34	Aristotle - Slavery	https://youtu.be/IXJDREOGets
35	Karl Marx - Theory of Class Struggle	https://youtu.be/OCFRf6AdsGE