

ADVANCED WORD LIST-1 (JUN 16, 2022)

1. **ground plan** (noun) – the general outline a plan.
2. **pandemic** (noun) – the worldwide spread of a new disease; The illness spreads around the world and typically affects a large number of people across a wide area.
3. **epidemiological** (adjective) – relating to the study and analysis of the distribution, patterns and determinants of health and disease conditions in defined populations.
4. **improbable** (adjective) – unlikely, not likely, doubtful, dubious, questionable, uncertain.
5. **Omicron variant** (noun) – On 26 November 2021, WHO designated the (new coronavirus) variant B.1.1.529 a variant of concern, named Omicron, on the advice of WHO's Technical Advisory Group on Virus Evolution (TAG-VE). The first known confirmed Omicron infection was from a specimen collected on November 9. In recent weeks, infections in South Africa have increased steeply, coinciding with the detection.
6. **Variant of Concern (VoC)** (noun) – A variant for which there is evidence of an increase in transmissibility, more severe disease (e.g., increased hospitalizations or deaths), significant reduction in neutralization by antibodies generated during previous infection or vaccination, reduced effectiveness of treatments or vaccines, or diagnostic detection failures.
7. **Variants of Interest (VoI)** (noun) – A variant with specific genetic markers that have been associated with changes to receptor binding, reduced neutralization by antibodies generated against previous infection or vaccination, reduced efficacy of treatments, potential diagnostic impact, or predicted increase in transmissibility or disease severity.
8. **sub-lineage** (noun) – a group of similar viruses within a lineage.
9. **lineage/clade** (noun) – a genetically closely related group of virus variants derived from a common ancestor.
10. **minuscule** (adjective) – very small, insignificant, negligible.
11. **expose** (verb) – come into contact with (the disease causing virus).
12. **unfounded** (adjective) – groundless, baseless, unjustified.
13. **triad** (noun) – a group of three connected/related things.

Note:

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14. **age-old** (adjective) – traditional, long-established, long-standing, historic.
15. **epidemiology** (noun) – the study of the distribution and determinants of health-related states or events (including disease), and the application of this study to the control of diseases and other health problems (Courtesy: WHO).
16. **epidemic** (noun) – a sudden increase in the number of cases of a disease above what is normally expected in that population in that area.
17. **as far as — is concerned** (phrase) – with regard to a particular person or situation.
18. **immunological** (adjective) – relating to immunology (the study of immune systems in all organisms).
19. **antibody** (noun) – it is also called ‘immunoglobulin’; a protective protein produced mainly by plasma (blood) cells in the immune system in response to the presence of antigens (disease causing organisms (bacteria & viruses) and other harmful/toxic foreign substances like insect venom).
20. **wane** (verb) – decline, diminish/dwindle gradually.
21. **susceptibility** (noun) – vulnerability, sensitivity, defencelessness, unprotectedness.
22. **vaccination** (noun) – treatment with a vaccine to protect against a particular disease; immunization.
23. **hold up** (phrasal verb) – remain strong; support, sustain, keep up.
24. **adherence** (noun) – conformity, observance, observation, accordance.
25. **respiratory** (adjective) – relating to the organs of respiration/breathing.
26. **public health** (noun) – the branch of medicine handling public health; public health is also the science of protecting and improving the health of people and their communities through education, policy making and research for disease and injury prevention.
27. **susceptible** (adjective) – vulnerable, subject to, easily affected by, at risk of.
28. **attribute** (noun) – quality, feature, characteristic, trait, element, aspect.

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29. **comorbidity** (noun) – In medicine, co-morbidity is the presence of one or more additional conditions (diseases) co-occurring/co-existing with a primary condition (disease).
30. **arguably** (adverb) – possibly, conceivably, maybe, potentially.
31. **five-pronged** (adjective) – having five different parts.
32. **revisit** (verb) – reconsider, redefine, reevaluate, reexamine, reexplore, rethink, review.
33. **positivity rate** (noun) – the proportion of positives to total tests done for disease; the percentage of tests that are turning out to be positive for disease; the rate at which people getting tested for disease receive positive results.
34. **asymptomatic** (adjective) – relating to a condition/person with no symptoms.
35. **symptomatic** (adjective) – relating to a condition/person with symptoms.
36. **pre-symptomatic** (adjective) – relating to a condition/person with mild illness/symptoms
37. **hospitalisation** (noun) – the act of taking (or) admitting someone to (or) in hospital for treatment.
38. **genomic** (adjective) – relating to the gene (genetic material) of a living thing.
39. **sequence** (noun) – the complete order of compounds/building blocks (nucleotides) of nucleic acids, such as RNA or DNA.
40. **genome** (noun) – the genetic material (a complete set of DNA, including all of its genes) of an organism. The sum total of the genetic material of a cell or an organism.
41. **genome sequence** (noun) – a process that determines the order, or sequence, of the DNA (nucleotides i.e., A, C, G and U) in each of the genes present in the virus's genome.
42. **Indian SARS-CoV2 Genomic Consortia (INSACOG)** (noun) – INSACOG refers to the Indian SARS-CoV-2 Genome Sequencing Consortia. The INSACOG consortium of scientists, spanning 10 labs across the country, and involved in sequencing genomes of coronavirus samples in different States, had been giving regular updates on the threat from new strains to the government. (Consortia is a plural form of consortium).

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43. **surveillance** (noun) – close observation, scrutiny, monitoring (of the occurrence of a virus outbreak).
44. **social/physical distancing** (noun) – a term means actively avoiding crowded public places, is a key element in decreasing the rapid spread of COVID-19. This is an effort intended to limit exposure by reducing face-to-face contact and preventing spread among people in community settings.
45. **calibrated** (adjective) – carefully assessed/analysed.
46. **nudge** (verb) – encourage, prompt, push, prod.
47. **implicit** (adjective) – implied, indirect, understood, tacit, unexpressed, unvoiced.
48. **explicit** (adjective) – clear, straightforward, definite, specific, categorical.
49. **coercion** (noun) – it means compelling an individual to act against his/her will by the use of psychological pressure or physical force causing bodily injury; force/pressure, oppression, harassment, intimidation.
50. **booster dose** (noun) – In medical terms, a booster dose is an extra administration of a vaccine after an earlier dose.
51. **hybrid immunity** (noun) – natural immunity from an infection combined with the immunity provided by the vaccine. The hybrid immunity offers stronger protection than just infection or full vaccination alone.
52. **immunity** (noun) – the body's defense against infections; protection, resistance.
53. **uptake** (noun) – the action of taking up something (available/given).
54. **precaution dose** (noun) – booster dose; third dose of the vaccine.
55. **merit** (noun) – good point, strong point, advantage, benefit, value.
56. **heterologous vaccine booster** (noun) – A heterologous vaccine booster shot involves the administration of a different vaccine.
57. **homologous vaccine booster** (noun) – A homologous booster shot involves the administration of the same vaccine as previously administered.
58. **rationale** (noun) – reason, logic, grounds, basis, motive.
59. **disproportionately** (adverb) – excessively, unusually, inordinately.

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60. **innocuous** (adjective) – harmless, inoffensive, unobjectionable, unoffending.
61. **pressing** (adjective) – urgent, critical, crucial, important.
62. **hypertension** (noun) – high blood pressure.
63. **long-standing** (adjective) – persistent, continuing (for a long time); permanent, long-lasting, enduring, long-term, chronic.
64. **Primary Health Care Centre (PHCs)** (noun) – it is a port of call (first place to visit) to a qualified doctor in the public health sector in rural areas providing a range of curative, promotive and preventive health care. There are about 25,650 primary health centres (PHCs) in India, 15,700 (61.2%) function with one doctor each. As many as 1,974 (7.69%) PHCs do not have even a single doctor. One Primary Health Centre (PHC) is established for 30000 population in plains and 20000 population in tribal and hilly area.
65. **mutation** (noun) – a significant and basic “alteration/variation” in the DNA sequence.
66. **chill** (noun) – a feverish cold, dose of flu, dose of influenza, viral infection; rigor.
67. **influenza** (noun) – flu (short for influenza).
68. **outbreak** (noun) – sudden appearance/occurrence. outburst, epidemic.
69. **RNA virus** (noun) – a virus in which the genetic material is RNA. The RNA may be either double- or single-stranded.
70. **propensity** (noun) – tendency, inclination, predisposition, readiness, disposition.
71. **trajectory** (noun) – track/course, route, path, direction, approach.
72. **vulnerable** (adjective) – relating to a weak/neglected person who is in need of special care/support.

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