MAHARASHTRA BOARD · CLASS 12 · CHEMISTRY

Maharashtra Board Class 12 Chemistry Important Questions 2027

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Solid State

1. Numerical: density / lattice type from edge length

Asked 6× · Board 2022, Board 2023, Board 2024, Board 2025 · 2/4 marks

When gold crystallizes, it forms face-centered cubic cells. The unit cell edge length is 4x10-8 cm. Calculate the density of gold. Molar mass of gold is 197 g mol-1.

2. Schottky defect (define/consequences/where absent)

Asked 3× · Board 2022, Board 2025, Board 2026 · 1/2/4 marks

(i) Define: (a) Schottky defect (b) Ferromagnetism (ii) Write the name of catalyst used in preparation of HDP. (iii) Draw structure of isoprene unit of natural rubber.

3. MCQ: relation between radius and edge length

Asked 3× · Board 2023, Board 2024, Board 2026 · 1 marks

The relation between edge length and radius for body centered cubic structure is: (a) r=a/2 (b) r=sqrt(3)a/4 (c) r=sqrt(2)a/4 (d) r=sqrt(3)a/2

4. Derive molar mass / density / edge-length relation

Asked 2× · Board 2024, Board 2026 · 2/3 marks

(a) Derive a relationship between molar mass, density of the substance and unit cell edge length. (b) Define - paramagnetic solids.

5. Distinguish between types of solids

Asked 2× · Board 2024, Board 2025 · 2/4 marks

(a) Distinguish between crystalline and amorphous solids. (b) Explain bleaching action of chlorine in the presence of moisture.

6. MCQ: coordination number in a lattice

Asked 2× · Board 2022, Board 2025 · 1 marks

Coordination number of atoms in bcc crystal lattice is _____. (a) 2 (b) 4 (c) 6 (d) 8

Solutions

7. Determine molar mass from a colligative property (derive/explain)

Asked 4× · Board 2022, Board 2023, Board 2024, Board 2026 · 2/3 marks

(a) State Raoult's law. (b) Derive the relationship to determine molar mass of non volatile solute by depression of freezing point.

8. Define solution/colligative terms (isotonic, osmotic pressure, Henry, reverse osmosis)

Asked 3× · Board 2024, Board 2025 · 1/2 marks

Define the following terms: (a) Isotonic solution (b) Colligative properties

9. MCQ: unit of Henry's law constant

Asked 2× · Board 2025, Board 2026 · 1 marks

Unit of Henry's constant is _____. (a) mol L-1 bar-1 (b) mol L bar (c) mol L-1 bar (d) mol-1 L-1 bar-1

10. van't Hoff factor (relation / degree of dissociation)

Asked 2× · Board 2024, Board 2026 · 1/4 marks

(a) 0.01 m aqueous formic acid solution freezes at -0.021 C. Calculate its degree of dissociation. (Kf = 1.86 K kg mol-1) (b) Write properties of interstitial compounds.

11. Numerical: vapour/partial pressure using Raoult's law

Asked 2× · Board 2023, Board 2025 · 2/3 marks

A mixture of benzene and toluene contains 30% by mass of toluene. At 30 C, vapour pressure of pure toluene is 36.7 mmHg and that of pure benzene is 118.2 mmHg. Assuming ideal solution, calculate partial pressure of each constituent in the above solution at 30 C.

12. Numerical: Henry's law (solubility of CH3Br)

Asked 2× · Board 2022, Board 2024 · 1/2 marks

Henry's constant for CH3Br(g) is 0.159 mol dm-3 bar-1 at 25 C. Calculate its solubility in water at 25 C, if its partial pressure is 0.164 bar.

Ionic Equilibria

13. Define ionic-equilibria terms & solubility-Ksp relation

Asked 3× · Board 2023, Board 2025, Board 2026 · 2/3 marks

(i) Define: Common ion effect. (ii) Write preparation of glucose from starch.

14. MCQ: pH/pOH of a strong acid/base

Asked 3× · Board 2024, Board 2026 · 1 marks

The pOH of 0.01 M HCl solution is _____. (a) 1 (b) 2 (c) 11 (d) 12

15. Numerical: interconvert pH/pOH/[H+]/[OH-]

Asked 3× · Board 2023, Board 2025 · 1/2/3 marks

A solution has hydrogen ion concentration 0.01M. Calculate pOH of the same solution.

16. Numerical: degree of dissociation / dissociation constant / [H+]

Asked 3× · Board 2022, Board 2023, Board 2026 · 1/3/4 marks

(i) Acetic acid is 5% ionised in its decimolar solution. Calculate the dissociation constant of acetic acid. (ii) Write chemical formula of epsom salt. Give two uses of H2SO4.

17. Derive Ostwald's dilution law

Asked 2× · Board 2024, Board 2026 · 2/3 marks

Derive Ostwald's dilution law equation for a weak acid.

18. Numerical: pH of a buffer solution

Asked 2× · Board 2022, Board 2026 · 1/3 marks

The pH of buffer solution containing 0.05 mol NaF per litre and 0.01 mol HF per litre (pKa=3.1427) is ____. (a) 3.8417 (b) 3.1427 (c) 0.3841 (d) 0.0384

Chemical Thermodynamics

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19. Numerical: enthalpy using Hess's law / enthalpies of formation

Asked 4× · Board 2022, Board 2024, Board 2025 · 1/3 marks

When 6.0g of O2 reacts with ClF as per 2ClF(g)+O2(g)->Cl2O(g)+OF2(g), the enthalpy change is 38.55 kJ. Calculate the standard enthalpy of the reaction.

20. Derive relation between dH and dU

Asked 3× · Board 2023, Board 2025, Board 2026 · 2/4 marks

(a) Derive relationship between dH and dU for a gaseous chemical reaction. (b) Give reason - Ozone is a good bleaching agent. (c) Write any two uses of SO2.

21. Define thermodynamic terms

Asked 3× · Board 2024, Board 2026 · 2/4 marks

Define the following terms: (a) Intensive property (b) Standard enthalpy of combustion

22. Numerical: work in irreversible expansion/compression

Asked 3× · Board 2023, Board 2025 · 1/2 marks

Ideal gas expands isothermally from 20 dm3 to 25 dm3 at constant pressure of 1.5 bar; then work done in dm3 bar will be _____. (a) -1.5 (b) -5 (c) -7.00 (d) -7.5

23. First-law equations for named processes

Asked 3× · Board 2022, Board 2024, Board 2026 · 2/4 marks

Write the mathematical equation of first law of thermodynamics for following processes: (a) Isochoric process (b) Adiabatic process

24. Numerical: work in isothermal reversible expansion

Asked 3× · Board 2022, Board 2023, Board 2025 · 2/3 marks

Calculate maximum work done when 32 g of oxygen expanded isothermally and reversibly from pressure 2 bar to 1 bar at 298 K.

25. Numerical: spontaneity/temperature using Gibbs energy

Asked 2× · Board 2025, Board 2026 · 1/4 marks

Calculate change over temperature for a certain reaction, whose dH0 is -60 kJ and dS0 is -150 JK-1.

26. Second law / spontaneity condition in terms of entropy

Asked 2× · Board 2024, Board 2026 · 1/3 marks

(a) State second law of thermodynamics. (b) Define - Nucleotides. (c) Write chemical reaction for conversion of benzene diazonium chloride into benzene.

Electrochemistry

27. Numerical: Faraday's laws (mass/time/current/charge)

Asked 4× · Board 2022, Board 2024, Board 2025 · 2 marks

How many coulombs of electricity is required to produce 1g of sodium metal by reduction of sodium ion?

28. Hydrogen-oxygen fuel cell (diagram/reactions/electrolyte)

Asked 3× · Board 2023, Board 2026 · 1/3 marks

(a) Write cell reactions of hydrogen-oxygen fuel cell at anode and cathode. (b) Write an application of electrochemical series.

29. Formula/relation for molar conductivity

Asked 2× · Board 2025, Board 2026 · 1 marks

Write the relation between conductivity and molar conductivity.

30. Nernst equation: non-standard electrode/cell potential

Asked 2× · Board 2024, Board 2026 · 2/3 marks

The standard potential of electrode Cu++ (0.02 M) | Cu(s) is 0.337 volt. Calculate its potential in volt.

31. VSA: SI unit of an electrochemical quantity

Asked 2× · Board 2024, Board 2026 · 1 marks

Write the SI unit of cell constant.

32. Draw standard hydrogen electrode / reference electrode

Asked 2× · Board 2022, Board 2025 · 4 marks

(a) Draw neat and labelled diagram of standard hydrogen electrode. (b) Calculate e.m.f. of the given cell using standard electrode potentials.

33. Calculate standard cell potential/EMF (from E0)

Asked 2× · Board 2022, Board 2024 · 1 marks

Calculate the standard potential of the following cell at 25 C:

Chemical Kinetics

34. MCQ: order of reaction from unit of rate constant

Asked 3× · Board 2024, Board 2025, Board 2026 · 1 marks

The unit of rate constant is per second, the order of reaction is: (a) Zero (b) First (c) Second (d) Third

35. Derive half-life / rate-constant relation for first order

Asked 3× · Board 2022, Board 2024, Board 2025 · 2/3/4 marks

Derive the relation between half life and rate constant for a first order reaction.

36. Numerical: rate constant/half-life from % decomposition (first order)

Asked 2× · Board 2024, Board 2026 · 2/3 marks

In first order reaction 60% of reactant decomposes in 40 min. Calculate the rate constant of the reaction.

37. Distinguish order and molecularity

Asked 2× · Board 2024, Board 2025 · 2/4 marks

Distinguish between order and molecularity of a reaction.

38. Derive integrated rate law for zero order

Asked 2× · Board 2023, Board 2025 · 3 marks

What is zero order reaction? Derive integrated rate law equation for zero order reaction.

39. MCQ: identify integrated rate law for a given order

Asked 2× · Board 2023, Board 2024 · 1 marks

Integrated rate law equation for a zero order reaction is: (a) k=(2.303/t)log([A]0/[A]t) (b) [A]t=[A]0-kt (c) k=t/[A] (d) [A]0=[A]t/kt

Elements of Groups 16, 17 and 18

40. Anomalous behaviour of oxygen

Asked 4× · Board 2023, Board 2024, Board 2025, Board 2026 · 2/3 marks

(a) Explain anomalous behaviour of oxygen with respect to (i) Atomicity (ii) Magnetic property (iii) Oxidation state (iv) Nature of hydride (b) Write any two uses of helium.

41. Interhalogen compounds (definition/formula/shape)

Asked 3× · Board 2024, Board 2025, Board 2026 · 1/2 marks

The shape of bromine penta-fluoride is _____. (a) Linear (b) Bent-T-Shape (c) Tetrahedral (d) Square pyramidal

42. Draw structures of named oxoacids

Asked 3× · Board 2023, Board 2025, Board 2026 · 1/2/3 marks

Draw the structure of perchloric acid.

43. Reaction of selenium with magnesium

Asked 2× · Board 2022, Board 2026 · 1 marks

Write the name of product obtained, when selenium is treated with magnesium metal.

44. Periodic trends in atomic properties of a group

Asked 2× · Board 2022, Board 2026 · 2 marks

Explain the trends in the following properties of group 17 elements: (i) Atomic radii (ii) Electronegativity

Transition and Inner Transition Elements

45. Spin-only magnetic moment of a transition metal ion

Asked 5× · Board 2023, Board 2024, Board 2025, Board 2026 · 1/3 marks

(i) Write observed electronic configuration of chromium (Z=24). (ii) Calculate magnetic moment of Ti3+ by using spin only formula (Z of Ti=22). (iii) Define Green chemistry.

46. Electronic configuration of transition/inner-transition element

Asked 3× · Board 2024, Board 2025, Board 2026 · 1/3 marks

(a) Write chemical reactions taking place during extraction of iron in zone of reduction of the blast furnace. (b) Write observed electronic configuration of gadolinium. (Z=64)

47. Explain colour of transition metal ions/compounds

Asked 3× · Board 2024, Board 2025, Board 2026 · 2/3 marks

(a) Write general electronic configuration of 3d series elements. (b) Write any two points which explain about the colour of a transition metal ion.

48. Distinguish lanthanoids and actinoids

Asked 3× · Board 2023, Board 2025, Board 2026 · 2 marks

Write two similarities and two differences between lanthanoids and actinoids.

49. Alloys (composition/classification)

Asked 3× · Board 2022, Board 2023, Board 2025 · 1/3 marks

Write the names of the metal elements in brass alloy.

50. Radioactive element in a series

Asked 2× · Board 2025, Board 2026 · 1 marks

Write the name of radioactive element in lanthanide series.

51. Why Ti4+ salts are colourless (+ magnetic moment)

Asked 2× · Board 2022, Board 2024 · 1/3 marks

The compounds of Ti4+ ions are colourless due to .....

52. Lanthanoid contraction

Asked 2× · Board 2022, Board 2024 · 2/3 marks

Define Lanthanide contraction. Write the balanced chemical equations when acidified K2Cr2O7 reacts with H2S.

Coordination Compounds

53. Formation of [Co(NH3)6]3+ by VBT

Asked 3× · Board 2024, Board 2025 · 3/4 marks

(a) Write the representation of sodium hexacyanoferrate (III). (b) Write type of hybridization and magnetic behaviour of: (i) [Co(NH3)6]3+ (ii) [NiCl4]2-

54. Define coordination terms (coordination number/ligand types)

Asked 3× · Board 2022, Board 2025, Board 2026 · 2/4 marks

(a) Define: (i) Co-ordination numbers (ii) Ambidentate ligand (b) Write a note on Clemmensen reduction of propanone.

55. MCQ: match IUPAC name and formula of a complex

Asked 3× · Board 2022, Board 2023, Board 2024 · 1 marks

The correct structure of complex having IUPAC name sodium hexanitrocobaltate (III) is (a) Na3[Co(NO2)5] (b) Na4[Co(NO2)6] (c) Na3[Co(NO2)6] (d) Na4[Co(NO2)5]

56. VSA: oxidation state of metal in a complex

Asked 2× · Board 2025, Board 2026 · 1 marks

Write the oxidation state of Nickel in [Ni(Cl)4]2- complex ion.

57. Calculate effective atomic number (EAN) of a complex

Asked 2× · Board 2024, Board 2026 · 1/4 marks

(i) Calculate effective atomic number of Fe2+ in [Fe(CN)6]4- [Z=26]. (ii) Draw neat and labelled diagram of lead accumulator. (iii) Write two advantages of hydrogen-oxygen fuel cell.

58. Werner's theory postulates

Asked 2× · Board 2024, Board 2026 · 3 marks

(i) Write the postulates of Werner's theory of co-ordination complexes. (ii) What is the action of ethane-1,2-diol on acetone?

59. Formation of [CoF6]3- by VBT

Asked 2× · Board 2023, Board 2026 · 3 marks

(a) Explain the formation of [CoF6]3- complex ion with respect to (i) Oxidation State of Cobalt (ii) Type of hybridisation (iii) Magnetic property (iv) Geometrical shape (b) Write the name of ligand used to estimate hardness of water.

60. Write IUPAC name of a given complex

Asked 2× · Board 2024, Board 2025 · 1/2 marks

Write IUPAC names of following co-ordination ion / compound: (i) [Cu(NH3)4]2+ (ii) Na3[AlF6]

61. Ionisation/linkage isomerism (explain/examples)

Asked 2× · Board 2024, Board 2025 · 2/3 marks

Explain ionization isomers with suitable example in complexes.

62. Identify type of isomerism in given complexes

Asked 2× · Board 2022, Board 2026 · 1 marks

The co-ordination complex ions [Co(NH3)5(NO2)]2+ and [Co(NH3)5(ONO)]2+ are _____ of each other. (a) ionization isomers (b) solvate isomers (c) linkage isomers (d) co-ordination isomers

63. Types of complexes (sphere / homoleptic-heteroleptic)

Asked 2× · Board 2022, Board 2026 · 2/3 marks

Explain Homoleptic and Heteroleptic complexes with example.

Halogen Derivatives

64. Action of reagents on bromoethane/ethyl bromide

Asked 4× · Board 2022, Board 2024, Board 2026 · 1/2/3/4 marks

(a) What is the action of following reagents on Bromoethane? (i) KNO2 (ii) 'Mg' metal (iii) Silver acetate (b) Draw structure - DDT insecticide.

65. SN1/SN2 mechanism (features/mechanism)

Asked 3× · Board 2024, Board 2025, Board 2026 · 2/4 marks

(i) Convert ethanoic acid to ethanol. (ii) Explain the mechanism of alkaline hydrolysis of bromomethane.

66. Complete/identify products in haloalkane formation reactions

Asked 3× · Board 2024, Board 2025 · 1/2 marks

Complete the following reactions: (i) CH3-CH=CH2 + HBr -> ? (ii) C2H5OH + SOCl2 --(heat)--> ?

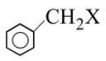
67. MCQ: identify a class of halide (allylic/benzylic/vinylic)

Asked 3× · Board 2023, Board 2024 · 1 marks

Among the following benzylic halide is ___. (a) aryl-X (b) C6H5-CH2-X (c) vinyl-X (d) CH3 substituted aryl-X

(vii) Among the following benzylic halide is ____.

(a) 

(b) 

(c) 

(d) 

68. Optical activity/isomerism of 2-chlorobutane

Asked 2× · Board 2024, Board 2026 · 2/3 marks

Explain optical activity of 2-chlorobutane.

69. Action of reagents on chlorobenzene (nitration/sulphonation)

Asked 2× · Board 2023, Board 2026 · 2 marks

What is the action of following reagents on chlorobenzene? (i) conc. HNO3 (ii) fuming H2SO4

70. Grignard reagent (metal/reaction)

Asked 2× · Board 2024, Board 2025 · 1 marks

The metal used in preparation of Grignard reagent is _____. (a) Al (b) Mg (c) Na (d) Fe

71. Conversions/preparations from ethyl bromide

Asked 2× · Board 2022, Board 2024 · 2/4 marks

Write preparation of (a) diethyl ether (b) ethyl cyanide from ethyl bromide.

Alcohols, Phenols and Ethers

72. Action of reagents on named ethers (cleavage/substitution)
Asked 3× · Board 2022, Board 2025, Board 2026 · 1/2/3 marks

Anisole reacts with HI at 398K to form: (a) cyclohexanol (b) benzenol (c) iodobenzene (d) benzene

73. Conversions among named organic compounds (phenol-related)
Asked 2× · Board 2024, Board 2026 · 3/4 marks

Convert the following: (a) Ethanol to ethoxyethane (b) Phenol to p-benzoquinone (c) Salicylic acid to aspirin

74. Conversions among named organic compounds (alcohols)
Asked 2× · Board 2023, Board 2026 · 3 marks

Convert the following: (i) Ethanol into sodium ethoxide (ii) Phenol into o-phenol sulfonic acid (iii) Bromomethane into methoxyethane.

75. Preparation of phenol from cumene (air oxidation)
Asked 2× · Board 2022, Board 2025 · 1/2 marks

Write chemical reactions for the preparation of phenol from isopropyl benzene.

Aldehydes, Ketones and Carboxylic Acids

76. Aldol condensation of ethanal/acetone
Asked 4× · Board 2022, Board 2023, Board 2025, Board 2026 · 2/3/4 marks

Explain aldol condensation reaction with respect to ethanal.

77. Cannizzaro reaction
Asked 3× · Board 2024, Board 2025, Board 2026 · 2/3 marks

Explain Cannizzaro reaction with suitable example.

78. Rosenmund reduction & Gatterman-Koch formylation
Asked 3× · Board 2024, Board 2025, Board 2026 · 1/2/3 marks

The reagent used to convert acetyl chloride to acetaldehyde is: (a) $SnCl_2$ + HCl (b) Zn-Hg + Conc.HCl (c) NH_2-NH_2/KOH,glycol (d) H_2/Pd-$BaSO_4$

79. Conversions among carboxylic-acid compounds
Asked 3× · Board 2023, Board 2025, Board 2026 · 3 marks

Convert the following: (a) Acetic acid to ethyl alcohol (b) Acetic acid to acetic anhydride (c) Acetyl chloride to acetamide

80. IUPAC name of a carbonyl compound
Asked 2× · Board 2025, Board 2026 · 1 marks

Write the IUPAC name of the given structure (2-hydroxybenzaldehyde / salicylaldehyde).

(v) Write the IUPAC name of :



81. Clemmensen reduction of propanone
Asked 2× · Board 2024, Board 2025 · 1/3 marks

Write the reagents used for the reduction of carbonyl group in Clemmensen's reduction.

82. 2,4-DNP derivative of a carbonyl compound

Asked 2× · Board 2022, Board 2026 · 1/3 marks

(i) Draw the structure of 2,4-dinitrophenylhydrazone of acetaldehyde. (ii) The rate of A+B->? is 3.6x10-2 mol/dm3/s when [A]=0.2 M and [B]=0.1 M. Calculate the rate constant if reaction is first order in B and second order in A.

83. Haloform (iodoform) reaction

Asked 2× · Board 2022, Board 2025 · 2/3 marks

Write a note on Haloform reaction.

84. MCQ: product of reduction of a carbonyl compound

Asked 2× · Board 2023, Board 2024 · 1 marks

The product of the following reaction is C2H5-CO-CH3 (pentan-2-one) on reduction: (a) CH3-CH2-CH2-CH2-OH (b) CH3-CH(OH)-CH2-CH3 (c) CH3-CH2-CH2-CH3 (d) CH3-CH2-CH2-COOH

Amines

85. Action of reagents on ethylamine (carbylamine/nitrous acid/Hinsberg)

Asked 5× · Board 2023, Board 2024, Board 2025, Board 2026 · 2/3 marks

What is the action of following reagents on ethyl amine? (Indicate by reaction) (a) Nitrous acid (b) Chloroform and KOH

86. Reduction of acetamide to ethylamine

Asked 3× · Board 2023, Board 2025, Board 2026 · 1/3 marks

(i) Convert acetamide into ethyl amine. (ii) Explain amphoteric nature of water.

87. Reduction of nitrile/cyanide to amine (Mendius)

Asked 3× · Board 2022, Board 2024, Board 2026 · 1/2 marks

Preparation of ethanamine from acetonitrile represents: (a) Gabriel phthalimide synthesis (b) Mendius reduction (c) Hofmann hypobromite degradation (d) Sandmeyer reaction

88. Basic character / order of basicity of amines

Asked 2× · Board 2024, Board 2026 · 1/2 marks

The correct order for basic strength of amines and ammonia is _____. (four orders given involving NH3, RNH2, R2NH, R3N)

Biomolecules

89. Formation of peptide bond/linkage

Asked 3× · Board 2022, Board 2025, Board 2026 · 2/3 marks

(i) What is peptide linkage? (ii) Write general characteristics of interhalogen compounds.

90. Glycosidic linkage in a disaccharide

Asked 3× · Board 2023, Board 2024, Board 2026 · 1 marks

Write the glycosidic linkage present in maltose.

91. Preparation of glucose (from sucrose/commercial)

Asked 3× · Board 2022, Board 2023, Board 2025 · 2/3 marks

Write preparation of glucose from sucrose.

Introduction to Polymer Chemistry

92. Nylon-6 preparation/monomer

Asked 4× · Board 2024, Board 2025, Board 2026 · 1/2/3 marks

(i) Write a reaction for preparation of Nylon-6. (ii) The salt of Sc3+ ion is colourless and the salt of Mn3+ ion is coloured. Explain. [Z of Sc=21 and Z of Mn=25]

93. Teflon preparation/monomer/chemical name

Asked 3× · Board 2024, Board 2025, Board 2026 · 1/3 marks

Write the chemical name of Teflon.

94. Nylon 6,6 preparation reactions

Asked 2× · Board 2023, Board 2026 · 2 marks

Write reactions involved during preparation of Nylon 6,6 fibre.

95. Monomer of natural rubber / isoprene

Asked 2× · Board 2023, Board 2025 · 1 marks

Write the IUPAC name of isoprene.

96. Classification of polymers (structure/intermolecular forces)

Asked 2× · Board 2022, Board 2025 · 3 marks

Mention the types of polymers formed on the basis of intermolecular forces. Write any two uses of low density polyethylene.

Green Chemistry and Nanochemistry

97. Define green chemistry / its principles

Asked 4× · Board 2022, Board 2023, Board 2024, Board 2026 · 2/3 marks

(a) Mention the names of four principles of green chemistry. (b) Write advantages of nanoparticles and nanotechnology in the field of energy sector.

98. Atom economy (formula/definition)

Asked 3× · Board 2025, Board 2026 · 1/3 marks

(i) Write the formula to measure % atom economy according to green chemistry. (ii) Convert: (a) Benzene into benzaldehyde (b) Cyclohexene into adipic acid.

99. Silver nanoparticle as bacterial disinfectant

Asked 3× · Board 2022, Board 2024, Board 2026 · 1 marks

Write the name of nanoparticle which acts as highly effective bacterial disinfectant.

100. One-dimensional nanostructure

Asked 2× · Board 2025, Board 2026 · 1/2 marks

(i) Write example of one dimensional nanostructure of size less than 100 nm. (ii) Write the hydrolysis reaction of ethyl methyl ether.

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