

ALL INDIA INSTITUTE OF MEDICAL SCIENCES

(AIIMS) NEW DELHI

B.Sc. (Hons.) Nursing Entrance Examination — 2024

Memory-Based Question Paper Compilation — for Practice & Revision

Test Booklet Code:	M-2024	Paper:	B.Sc. (Hons.) Nursing
Total Questions:	100	Maximum Marks:	100
Time Allowed:	2 hours (120 minutes)	Mode:	Computer-Based Test
Date of Examination:	8 / 9 June 2024	Medium:	English / Hindi

Candidate's Name:	_____
Roll Number:	_____
Examination Centre:	_____
Candidate's Signature:	_____

GENERAL INSTRUCTIONS TO CANDIDATES

1. The total duration of the examination is **2 hours (120 minutes)**. The test booklet contains **100 multiple-choice questions** distributed across four sections.
2. Distribution of questions is as follows: **Section A — Biology (Q. 1–30)**, **Section B — Chemistry (Q. 31–60)**, **Section C — Physics (Q. 61–90)**, **Section D — General Knowledge & Aptitude (Q. 91–100)**.
3. Each question carries **1 mark** for the correct answer. **One-third (■) mark will be deducted** for every incorrect response. No marks will be awarded or deducted for unanswered questions.
4. Each question has **four options** labelled (A), (B), (C) and (D). Only one option is correct. Selecting more than one option will be treated as a wrong response.
5. The use of any electronic device, including calculators, mobile phones, smartwatches and similar items, is strictly prohibited inside the examination hall.
6. Candidates must not leave the examination hall before the conclusion of the test. The test booklet must be handed over to the invigilator before leaving.
7. Rough work, if any, should be done only in the space provided in the test booklet. Do not write anything on the OMR sheet other than required entries.
8. Read each question carefully before marking your answer.

This is a memory-based compilation prepared for practice purposes only. It is not the official AIIMS question paper and is intended solely as a study aid.

SECTION A | BIOLOGY (30 Questions)

- Q. 1.** The innermost wall layer of the microsporangium that nourishes developing pollen is:
- (A) Tapetum
 - (B) Epidermis
 - (C) Endothecium
 - (D) Middle layer
- Q. 2.** Which of the following hormones is NOT synthesised by the anterior pituitary gland?
- (A) Prolactin
 - (B) Vasopressin
 - (C) Luteinizing hormone (LH)
 - (D) Follicle-stimulating hormone (FSH)
- Q. 3.** The pneumotaxic centre, which regulates respiratory rhythm, is located in the:
- (A) Cerebellum
 - (B) Cerebrum
 - (C) Pons
 - (D) Medulla oblongata
- Q. 4.** The reaction centre of Photosystem I (PS-I) absorbs light maximally at a wavelength of:
- (A) 680 nm (Chl-680)
 - (B) 700 nm (Chl-700)
 - (C) 660 nm (Chl-660)
 - (D) 760 nm (Chl-760)
- Q. 5.** Which of the following fruits has a fibrous mesocarp?
- (A) Apple
 - (B) Coconut
 - (C) Strawberry
 - (D) Mango
- Q. 6.** Which kingdoms have been retained in every major biological classification system from the two-kingdom system to the five-kingdom system?
- (A) Monera and Protista
 - (B) Fungi and Protista
 - (C) Monera and Fungi
 - (D) Plantae and Animalia
- Q. 7.** In commensalism, the relationship between two organisms is best described as:
- (A) Both are benefited
 - (B) Both are harmed
 - (C) One is benefited, the other is harmed
 - (D) One is benefited, the other is neither harmed nor benefited
- Q. 8.** Which of the following statements is INCORRECT?
- (A) The wing of a bird and the wing of a butterfly are analogous organs
 - (B) The thorn of Bougainvillea and the tendril of Cucurbita are homologous organs
 - (C) Sweet potato and potato are examples of homologous organs
 - (D) The eyes of an octopus and a human are functionally similar but evolved independently
- Q. 9.** Organisms that obtain nutrition from dead and decaying organic matter are called:
- (A) Autotrophs
 - (B) Heterotrophs
 - (C) Saprotrophs
 - (D) Symbionts

- Q. 10.** Which protein is the major contractile component of muscle tissue?
(A) Myosin
(B) Keratin
(C) Serine
(D) Cellulose
- Q. 11.** Chiasmata first become visible during which sub-stage of Prophase-I of meiosis?
(A) Pachytene
(B) Diplotene
(C) Leptotene
(D) Zygotene
- Q. 12.** In the testes, androgens (such as testosterone) are secreted by:
(A) Sertoli cells
(B) Leydig (interstitial) cells
(C) Follicular cells
(D) Nurse cells
- Q. 13.** Which of the following is a distinguishing secondary sexual feature of a male frog?
(A) Copulatory pad on the first finger
(B) Cloaca
(C) Urinogenital papilla
(D) Larger abdomen
- Q. 14.** Which of the following is NOT a sexually transmitted disease?
(A) Hepatitis B
(B) Syphilis
(C) Gonorrhoea
(D) Ascariasis
- Q. 15.** Which of the following pairs is correctly matched?
(A) Carotenoid – Polymer
(B) Abrin – Pigment
(C) Cellulose – Toxin
(D) Morphine – Alkaloid
- Q. 16.** Which of the following statements about DNA is correct?
(A) Chargaff's rule states that $A + T = G + C$
(B) DNA is a polymer of nucleotides
(C) Euchromatin is densely packed and inactive
(D) The DNA backbone is composed of nitrogenous bases
- Q. 17.** Which of the following statements about ammonia excretion is FALSE?
(A) Kidneys do not excrete ammonia at all
(B) Ammonia excretion requires large amounts of water
(C) Ammonia is more toxic than urea
(D) In ureotelic animals, ammonia is converted into urea in the liver
- Q. 18.** Which of the following statements about Mycoplasma is INCORRECT?
(A) Mycoplasma possess a rigid cell wall
(B) They are pathogenic to plants and animals
(C) They are placed in Kingdom Monera
(D) They are prokaryotic organisms
- Q. 19.** Which of the following is NOT a vestigial organ in humans?
(A) Vermiform appendix
(B) Wisdom teeth
(C) Coccyx
(D) Pancreas

- Q. 20.** The site of fertilisation in the human female reproductive tract is the:
- (A) Uterus
 - (B) Cervix
 - (C) Ampulla of fallopian tube
 - (D) Ovary
- Q. 21.** The functional unit of the kidney is the:
- (A) Neuron
 - (B) Nephron
 - (C) Alveolus
 - (D) Hepatocyte
- Q. 22.** Which one of the following is a non-reducing sugar?
- (A) Glucose
 - (B) Fructose
 - (C) Sucrose
 - (D) Lactose
- Q. 23.** The genetic disorder caused by an extra chromosome 21 is:
- (A) Turner's syndrome
 - (B) Klinefelter's syndrome
 - (C) Down's syndrome
 - (D) Edward's syndrome
- Q. 24.** In a DNA molecule, adenine pairs with thymine through:
- (A) One hydrogen bond
 - (B) Two hydrogen bonds
 - (C) Three hydrogen bonds
 - (D) An ionic bond
- Q. 25.** The 'powerhouse of the cell' is:
- (A) Ribosome
 - (B) Golgi apparatus
 - (C) Mitochondrion
 - (D) Lysosome
- Q. 26.** Which of the following blood cells is involved in clotting?
- (A) Erythrocytes
 - (B) Platelets
 - (C) Lymphocytes
 - (D) Eosinophils
- Q. 27.** Insulin is produced by which cells of the pancreas?
- (A) Alpha cells of islets of Langerhans
 - (B) Beta cells of islets of Langerhans
 - (C) Acinar cells
 - (D) Delta cells
- Q. 28.** Which structure prevents food from entering the trachea during swallowing?
- (A) Glottis
 - (B) Epiglottis
 - (C) Larynx
 - (D) Pharynx
- Q. 29.** The exchange of gases in the lungs takes place at the:
- (A) Bronchi
 - (B) Bronchioles
 - (C) Alveoli
 - (D) Trachea

Q. 30. Which of the following is the universal blood donor group?

- (A) A positive
- (B) B positive
- (C) AB negative
- (D) O negative

SECTION B | CHEMISTRY (30 Questions)

Q. 31. Which of the following is the correct order of the melting points of the dichlorobenzene isomers?

- (A) 1,2- < 1,3- < 1,4-
- (B) 1,4- > 1,2- > 1,3-
- (C) 1,2- > 1,4- > 1,3-
- (D) 1,3- > 1,2- > 1,4-

Q. 32. Benzaldehyde, on heating with concentrated NaOH, undergoes the Cannizzaro reaction to give:

- (A) Benzyl alcohol only
- (B) Sodium benzoate only
- (C) Phenol
- (D) Both benzyl alcohol and sodium benzoate

Q. 33. Which enzyme converts both glucose and fructose into ethanol during fermentation?

- (A) Invertase
- (B) Zymase
- (C) Maltase
- (D) Diastase

Q. 34. The chemical name of Vitamin B6 is:

- (A) Biotin
- (B) Thiamine
- (C) Riboflavin
- (D) Pyridoxine

Q. 35. The composition of water gas is:

- (A) $\text{CO} + \text{H}_2\text{O}$
- (B) $\text{CO} + \text{H}_2$
- (C) $\text{SO}_2 + \text{CO}$
- (D) $\text{CO} + \text{H}_2\text{O}$

Q. 36. The correct order of basic strength among Group 15 hydrides is:

- (A) $\text{BiH}_3 > \text{SbH}_3 > \text{AsH}_3 > \text{PH}_3 > \text{NH}_3$
- (B) $\text{NH}_3 > \text{PH}_3 > \text{AsH}_3 > \text{SbH}_3 > \text{BiH}_3$
- (C) $\text{NH}_3 < \text{PH}_3 < \text{AsH}_3 < \text{SbH}_3 < \text{BiH}_3$
- (D) $\text{PH}_3 > \text{NH}_3 > \text{AsH}_3 > \text{SbH}_3 > \text{BiH}_3$

Q. 37. Hinsberg's reagent, used to distinguish primary, secondary and tertiary amines, is:

- (A) $\text{C}_6\text{H}_5\text{SO}_2\text{CH}_3$
- (B) SnCl_4
- (C) $\text{C}_6\text{H}_5\text{SO}_2\text{Cl}$ (benzenesulphonyl chloride)
- (D) CoCl_2

Q. 38. Among Na, Ni and Cl, the species with the highest reducing power is:

- (A) Cl^-
- (B) Ni^{2+}
- (C) Na (metal)
- (D) All have equal reducing power

- Q. 39.** A reaction will proceed in the forward (product-forming) direction when:
- $Q_c = K_c$
 - $Q_c > K_c$
 - $Q_c < K_c$
 - $Q_c = 0$ only
- Q. 40.** Which of the following species is NOT isoelectronic with the others?
- CO
 - CN
 - NO
 - O
- Q. 41.** In LiH, HClO, O and P, the oxidation states of H, Cl, O and P respectively are:
- 1, +7, 0, 0
 - +1, +7, -1, 0
 - 1, +5, -1, +3
 - +1, +5, 0, 0
- Q. 42.** Which species has a higher dipole moment?
- NH
 - NF
 - Both have the same dipole moment
 - Neither is polar
- Q. 43.** The unit cell parameters $a \neq b \neq c$ and $\alpha \neq \beta \neq \gamma \neq 90^\circ$ characterise the:
- Cubic crystal system
 - Tetragonal crystal system
 - Triclinic crystal system
 - Hexagonal crystal system
- Q. 44.** Which of the following is NOT a characteristic of physical adsorption?
- Weak van der Waals forces of attraction
 - It is essentially irreversible in nature
 - It can form multimolecular layers
 - It decreases with rise in temperature
- Q. 45.** When phenol is treated with excess bromine water, the product formed is:
- o-Bromophenol
 - p-Bromophenol
 - 2,4,6-Tribromophenol
 - Bromobenzene
- Q. 46.** The IUPAC name of $[\text{CoCl}_2(\text{en})_2]\text{Cl}$ is:
- Dichloridobis(ethane-1,2-diamine)cobalt(III) chloride
 - Dichloridobis(ethane-2,1-diamine)cobalt(III) chloride
 - Dichloridobis(ethylenediamine)cobalt(III) chloride
 - Bis(ethylenediamine)cobalt(III) chloride
- Q. 47.** Which of the following oxides exhibits ferrimagnetism?
- TiO
 - CrO
 - MnO
 - FeO
- Q. 48.** The conjugate base of HSO_4^- is:
- SO_4^{2-}
 - H_2SO_4
 - OH^-
 - H_2SO_3

- Q. 49.** Which of the following is NOT true of amorphous solids?
- (A) They are isotropic in nature
 - (B) They show short-range order
 - (C) They show long-range order
 - (D) They do not have a sharp melting point
- Q. 50.** Which series in the hydrogen emission spectrum lies in the visible region?
- (A) Paschen series
 - (B) Balmer series
 - (C) Lyman series
 - (D) Brackett series
- Q. 51.** The angular velocity of the electron in the second Bohr orbit ($n = 2$) of the hydrogen atom is approximately:
- (A) 5.15×10^{11} rad/s
 - (B) 7.15×10^{11} rad/s
 - (C) 8.15×10^{11} rad/s
 - (D) 1.23×10^{11} rad/s
- Q. 52.** The number of moles of solute dissolved in 1 kg of solvent is termed:
- (A) Molarity
 - (B) Molality
 - (C) Normality
 - (D) Mole fraction
- Q. 53.** The hybridisation of the carbon atom in methane (CH_4) is:
- (A) sp
 - (B) sp^2
 - (C) sp^3
 - (D) sp^3d
- Q. 54.** The pH of a 0.001 M HCl solution is:
- (A) 1
 - (B) 2
 - (C) 3
 - (D) 4
- Q. 55.** Which of the following is the strongest acid?
- (A) HF
 - (B) HCl
 - (C) HBr
 - (D) HI
- Q. 56.** The IUPAC name of $\text{CH}_3\text{CH}(\text{OH})\text{CH}_3$ is:
- (A) 1-Propanol
 - (B) 2-Propanol
 - (C) Propanal
 - (D) Propanone
- Q. 57.** Glucose and fructose are related to each other as:
- (A) Enantiomers
 - (B) Functional isomers
 - (C) Position isomers
 - (D) Geometrical isomers

- Q. 58.** Bleaching powder is chemically:
- (A) Calcium hypochlorite (CaOCl_2)
 - (B) Calcium chloride (CaCl_2)
 - (C) Calcium carbonate (CaCO_3)
 - (D) Sodium hypochlorite (NaOCl)
- Q. 59.** The number of unpaired electrons in Fe^{3+} ($Z = 26$) is:
- (A) 3
 - (B) 4
 - (C) 5
 - (D) 6
- Q. 60.** Which of the following is a thermosetting plastic?
- (A) Polythene
 - (B) PVC
 - (C) Bakelite
 - (D) Polystyrene

SECTION C | PHYSICS (30 Questions)

- Q. 61.** An object is placed 10 cm in front of a concave mirror of focal length 20 cm. The magnification produced is:
- (A) +1
 - (B) +2
 - (C) +0.5
 - (D) -2
- Q. 62.** According to Bohr's quantisation rule, the angular momentum of an electron in the orbit $n = 2$ of a hydrogen atom is:
- (A) h/π
 - (B) $2h/\pi$
 - (C) $h/2\pi$
 - (D) π/h
- Q. 63.** In a series LCR circuit with $L = 40 \text{ mH}$ and $C = 100 \text{ }\mu\text{F}$, the resonant angular frequency ω is:
- (A) 400 rad/s
 - (B) 100 rad/s
 - (C) 500 rad/s
 - (D) 250 rad/s
- Q. 64.** If one vibrational degree of freedom is also considered active, the molar specific heat at constant volume (C_V) of a diatomic gas is:
- (A) $(3/2) R$
 - (B) $(5/2) R$
 - (C) $(7/2) R$
 - (D) $(9/2) R$
- Q. 65.** If the energy band gap of a semiconductor is 0.72 eV, the wavelength of the photon emitted on direct band-to-band recombination is approximately:
- (A) 1.1 μm
 - (B) 1.4 μm
 - (C) 1.7 μm
 - (D) 2.0 μm

- Q. 66.** A long straight wire carries a current of 20 μA . The magnetic field at a perpendicular distance of 1 cm from the wire is:
- (A) 20×10^{-11} T
 - (B) 30×10^{-11} T
 - (C) 40×10^{-11} T
 - (D) 50×10^{-11} T
- Q. 67.** Two bodies of masses 1 kg and 3 kg undergo a perfectly inelastic collision. Their initial velocities are 2 m/s and 0 m/s respectively. The loss in kinetic energy is:
- (A) 1.0 J
 - (B) 1.2 J
 - (C) 1.5 J
 - (D) 2.0 J
- Q. 68.** If the orbital radius of the Moon were unchanged but the mass of the Earth became four times its present value, the new orbital period (originally 27 days) would be:
- (A) 54 days
 - (B) 13.5 days
 - (C) 108 days
 - (D) 6.75 days
- Q. 69.** One mole of O_2 is heated at constant pressure from 20 $^\circ\text{C}$ to 80 $^\circ\text{C}$ and then cooled back from 80 $^\circ\text{C}$ to 20 $^\circ\text{C}$ at constant volume. With $C_p = 7.03$ cal/mol $\cdot^\circ\text{C}$ and $C_v = 5.04$ cal/mol $\cdot^\circ\text{C}$, the difference between heat supplied and heat rejected is:
- (A) 302.4 cal
 - (B) 119.4 cal
 - (C) 421.8 cal
 - (D) 60.0 cal
- Q. 70.** The dimensional formula of work is:
- (A) $[\text{MLT}^{-1}]$
 - (B) $[\text{ML}^2\text{T}^{-2}]$
 - (C) $[\text{MLT}^{-2}]$
 - (D) $[\text{ML}^2\text{T}^{-1}]$
- Q. 71.** The SI unit of electric flux is:
- (A) $\text{N}\cdot\text{m}^2/\text{C}$
 - (B) $\text{V}\cdot\text{m}$
 - (C) Both $\text{N}\cdot\text{m}^2/\text{C}$ and $\text{V}\cdot\text{m}$
 - (D) Wb
- Q. 72.** If a body is thrown vertically upward with an initial velocity of 19.6 m/s, the time taken to reach maximum height ($g = 9.8$ m/s 2) is:
- (A) 1 s
 - (B) 2 s
 - (C) 3 s
 - (D) 4 s
- Q. 73.** A body is moving with uniform velocity. Its acceleration is:
- (A) Positive
 - (B) Negative
 - (C) Zero
 - (D) Variable

- Q. 74.** The escape velocity from the surface of the Earth is approximately:
- (A) 7.9 km/s
 - (B) 9.8 km/s
 - (C) 11.2 km/s
 - (D) 15.0 km/s
- Q. 75.** Two resistors of $4\ \Omega$ and $6\ \Omega$ are connected in parallel. Their equivalent resistance is:
- (A) $10\ \Omega$
 - (B) $2.4\ \Omega$
 - (C) $0.42\ \Omega$
 - (D) $1.5\ \Omega$
- Q. 76.** A wire of resistance R is stretched to double its original length. Its new resistance becomes:
- (A) $R/2$
 - (B) $2R$
 - (C) $4R$
 - (D) $R/4$
- Q. 77.** The phenomenon responsible for the blue colour of the sky is:
- (A) Reflection
 - (B) Refraction
 - (C) Scattering of light
 - (D) Diffraction
- Q. 78.** The focal length of a convex lens is 25 cm. Its power is:
- (A) +2 D
 - (B) +4 D
 - (C) -4 D
 - (D) +0.25 D
- Q. 79.** If a transformer is used to step up an alternating voltage from 220 V to 2200 V, the turns ratio ($N_{\blacksquare} : N_{\blacksquare}$) is:
- (A) 1 : 10
 - (B) 10 : 1
 - (C) 1 : 100
 - (D) 100 : 1
- Q. 80.** The unit of magnetic flux is:
- (A) Tesla
 - (B) Weber
 - (C) Henry
 - (D) Gauss
- Q. 81.** A capacitor stores energy in the form of:
- (A) Magnetic field
 - (B) Electric field
 - (C) Gravitational field
 - (D) Heat
- Q. 82.** In Young's double-slit experiment, if the distance between the slits is doubled, the fringe width:
- (A) Doubles
 - (B) Becomes half
 - (C) Becomes four times
 - (D) Remains unchanged

- Q. 83.** The de Broglie wavelength of a particle is given by:
- (A) $\lambda = h \cdot p$
 - (B) $\lambda = h / p$
 - (C) $\lambda = p / h$
 - (D) $\lambda = h \cdot p^2$
- Q. 84.** A radioactive substance has a half-life of 5 years. The fraction remaining after 15 years is:
- (A) 1/2
 - (B) 1/4
 - (C) 1/8
 - (D) 1/16
- Q. 85.** The work function of a metal determines its threshold:
- (A) Frequency
 - (B) Wavelength only
 - (C) Both frequency and wavelength
 - (D) None of these
- Q. 86.** If the displacement of a body in simple harmonic motion is given by $y = A \sin(\omega t)$, the maximum velocity is:
- (A) A
 - (B) ω
 - (C) $A\omega$
 - (D) $A\omega^2$
- Q. 87.** The principle on which an optical fibre works is:
- (A) Diffraction
 - (B) Refraction
 - (C) Total internal reflection
 - (D) Polarisation
- Q. 88.** The horizontal component of Earth's magnetic field is zero at the:
- (A) Magnetic equator
 - (B) Geographic poles
 - (C) Magnetic poles
 - (D) Tropic of Cancer
- Q. 89.** Lenz's law is a consequence of the conservation of:
- (A) Charge
 - (B) Mass
 - (C) Energy
 - (D) Momentum
- Q. 90.** In a p-n junction diode, the depletion region consists of:
- (A) Mobile electrons and holes
 - (B) Immobile ionised donors and acceptors
 - (C) Free electrons only
 - (D) Free holes only

SECTION D | GENERAL KNOWLEDGE & APTITUDE (10 Questions)

- Q. 91.** In which Indian state is the Flamingo Festival celebrated annually?
- (A) Gujarat
 - (B) Rajasthan
 - (C) Andhra Pradesh
 - (D) Tamil Nadu

- Q. 92.** Which planet is often referred to as the 'Swift Planet' on account of its short orbital period?
- (A) Venus
 - (B) Mars
 - (C) Mercury
 - (D) Jupiter
- Q. 93.** If 'the day before yesterday was Tuesday', the day after tomorrow will be:
- (A) Sunday
 - (B) Saturday
 - (C) Monday
 - (D) Thursday
- Q. 94.** Ram says, "Anu's mother is the only daughter of my mother." How is Anu related to Ram?
- (A) Maternal uncle
 - (B) Niece
 - (C) Aunt
 - (D) Father
- Q. 95.** Identify the odd one out in the sequence: 5, 7, 9, 12, 14, 16
- (A) 5
 - (B) 7
 - (C) 12
 - (D) 14
- Q. 96.** Seema earns ₹800 per week. After 30 days her weekly income becomes ₹960. The percentage increase in her income is:
- (A) 10%
 - (B) 15%
 - (C) 20%
 - (D) 25%
- Q. 97.** 'Which of the following always occurs in a book?' is a logical reasoning question; the correct answer is:
- (A) Pages
 - (B) Chapter
 - (C) Diagram
 - (D) Cover
- Q. 98.** The headquarters of the World Health Organization (WHO) is located in:
- (A) New York, USA
 - (B) Geneva, Switzerland
 - (C) Paris, France
 - (D) Vienna, Austria
- Q. 99.** Who is the author of the Indian Constitution and is regarded as its principal architect?
- (A) Jawaharlal Nehru
 - (B) Sardar Vallabhbhai Patel
 - (C) Dr. B.R. Ambedkar
 - (D) Mahatma Gandhi
- Q. 100.** National Doctors' Day is observed in India on:
- (A) 1 May
 - (B) 1 July
 - (C) 12 May
 - (D) 7 April

— END OF QUESTION PAPER —

ANSWER KEY

Use this answer key only after attempting the paper under timed conditions. After scoring, calculate your raw mark as: (Correct × 1) – (Incorrect × ■). AIIMS B.Sc Nursing cut-offs typically lie in the range of 50–60 marks for the General category.

Section A — Biology				
Q1: A	Q2: B	Q3: C	Q4: B	Q5: B
Q6: D	Q7: D	Q8: C	Q9: C	Q10: A
Q11: B	Q12: B	Q13: A	Q14: D	Q15: D
Q16: B	Q17: A	Q18: A	Q19: D	Q20: C
Q21: B	Q22: C	Q23: C	Q24: B	Q25: C
Q26: B	Q27: B	Q28: B	Q29: C	Q30: D

Section B — Chemistry				
Q31: B	Q32: D	Q33: B	Q34: D	Q35: B
Q36: B	Q37: C	Q38: C	Q39: C	Q40: D
Q41: A	Q42: A	Q43: C	Q44: B	Q45: C
Q46: A	Q47: D	Q48: A	Q49: C	Q50: B
Q51: A	Q52: B	Q53: C	Q54: C	Q55: D
Q56: B	Q57: B	Q58: A	Q59: C	Q60: C

Section C — Physics				
Q61: B	Q62: A	Q63: C	Q64: C	Q65: C
Q66: C	Q67: C	Q68: B	Q69: B	Q70: B
Q71: C	Q72: B	Q73: C	Q74: C	Q75: B
Q76: C	Q77: C	Q78: B	Q79: A	Q80: B
Q81: B	Q82: B	Q83: B	Q84: C	Q85: C
Q86: C	Q87: C	Q88: C	Q89: C	Q90: B

Section D — General Knowledge & Aptitude				
Q91: C	Q92: C	Q93: B	Q94: B	Q95: C
Q96: C	Q97: A	Q98: B	Q99: C	Q100: B

Sources Consulted

- AIIMS official syllabus & exam pattern (aiims.edu)
- Memory-based recollections (June 2024)
- Class XI–XII NCERT textbooks (Physics, Chemistry, Biology) — primary syllabus reference
- Standard general knowledge & current affairs sources for Section D

Disclaimer: This document is a study compilation, not the official AIIMS question paper. Questions have been reformulated from publicly circulated memory-based reports of the 2024 paper and the AIIMS B.Sc Nursing syllabus, and are intended for personal practice and revision.