

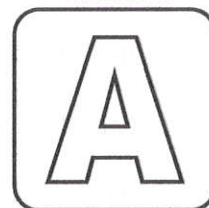
DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE ASKED TO DO SO

Test Booklet No. :

Series

00489

**TEST BOOKLET**  
**DRUGS & NARCOTICS AND**  
**GENERAL STUDIES**



Time Allowed : 2 Hours

Full Marks : 200

**Read the following instructions carefully before you begin to answer the questions :**

1. The name of the Subject, Roll Number as mentioned in the Admission Certificate, Test Booklet No. and Series are to be written legibly and correctly in the space provided on the Answer-Sheet with Black/Blue ballpoint pen.
2. **Answer-Sheet without marking Series as mentioned above in the space provided for in the Answer-Sheet shall not be evaluated.**
3. All questions carry equal marks.

**The Answer-Sheet should be submitted to the Invigilator.**

*Directions for giving the answers :* Directions for answering questions have already been issued to the respective candidates in the 'Instructions for marking in the OMR Answer-Sheet' along with the Admit Card and Specimen Copy of the OMR Answer-Sheet.

*Example :*

Suppose the following question is asked :

The capital of Bangladesh is

- (A) Chennai
- (B) London
- (C) Dhaka
- (D) Dhubri

You will have four alternatives in the Answer-Sheet for your response corresponding to each question of the Test Booklet as below :



In the above illustration, if your chosen response is alternative (C), i.e., Dhaka, then the same should be marked on the Answer-Sheet by blackening the relevant circle with a Black/Blue ballpoint pen only as below :



**The example shown above is the only correct method of answering.**

4. Use of eraser, blade, chemical whitener fluid to rectify any response is prohibited.
5. Please ensure that the Test Booklet has the required number of pages (16) and 100 questions immediately after opening the Booklet. In case of any discrepancy, please report the same to the Invigilator.
6. No candidate shall be admitted to the Examination Hall/Room 20 minutes after the commencement of the examination.
7. No candidate shall leave the Examination Hall/Room without prior permission of the Supervisor/Invigilator. No candidate shall be permitted to hand over his/her Answer-Sheet and leave the Examination Hall/Room before expiry of the full time allotted for each paper.
8. No Mobile Phone, Electronic Communication Device, etc., are allowed to be carried inside the Examination Hall/Room by the candidates. Any Mobile Phone, Electronic Communication Device, etc., found in possession of the candidate inside the Examination Hall/Room, even if on off mode, shall be liable for confiscation.
9. No candidate shall have in his/her possession inside the Examination Hall/Room any book, notebook or loose paper, except his/her Admission Certificate and other connected papers permitted by the Commission.
10. Complete silence must be observed in the Examination Hall/Room. No candidate shall copy from the paper of any other candidate, or permit his/her own paper to be copied, or give, or attempt to give, or obtain, or attempt to obtain irregular assistance of any kind.
11. This Test Booklet can be carried with you after answering the questions in the prescribed Answer-Sheet.
12. Noncompliance with any of the above instructions will render a candidate liable to penalty as may be deemed fit.
13. No rough work is to be done on the OMR Answer-Sheet. You can do the rough work on the space provided in the Test Booklet.

**N.B. : There will be negative marking @ 0.25 per 1 (one) mark against each wrong answer.**

/57-A

[ No. of Questions : 100 ]

SEAL

- Which of the following is the ground-state electronic configuration of  $\text{Na}^+$ ?
  - $1s^2 2s^2 2p^8$
  - $1s^2 2s^2 2p^6 3s^2 3p^4$
  - $1s^2 2s^2 2p^6$
  - $1s^2 2s^2 2p^8 3s^2 3p^5$
- Terpene has a general formula
  - $\text{C}_{10}\text{H}_{18}$
  - $\text{C}_{10}\text{H}_{20}$
  - $\text{C}_{10}\text{H}_{22}$
  - $\text{C}_{10}\text{H}_{16}$
- Menthone has \_\_\_\_\_ chiral centres and \_\_\_\_\_ different stereoisomers.
  - 2, 6
  - 4, 6
  - 2, 4
  - 3, 6
- To prepare 50 mM stock solution of NaCl with final volume 5 ml, how much NaCl is required?
  - 4.61 mg
  - 14.61 mg
  - 24.61 mg
  - 34.61 mg
- Which one of the following is used as catalyst in shift converter?
  - Nickel
  - Alumina
  - Silica gel
  - Vanadium
- The chemical formula for starch is
  - $(\text{C}_6\text{H}_{10}\text{O}_2)_n$
  - $(\text{C}_6\text{H}_{12}\text{O}_4)_n$
  - $(\text{C}_6\text{H}_{12}\text{O}_{12})_n$
  - $(\text{C}_6\text{H}_{10}\text{O}_5)_n$
- An isotope of caesium (Cs-137) has a half-life of 30 years. If 1.0 g of Cs-137 disintegrates over a period of 90 years, how many grams of Cs-137 would remain?
  - 1.25 g
  - 0.125 g
  - 0.00125 g
  - 12.5 g
- What is the chemical formula of testosterone?
  - $\text{C}_{19}\text{H}_{20}\text{O}_2$
  - $\text{C}_{19}\text{H}_{22}\text{O}_2$
  - $\text{C}_{19}\text{H}_{28}\text{O}_2$
  - $\text{C}_{19}\text{H}_{30}\text{O}_2$

9. According to IUPAC nomenclature, sodium nitroprusside is named as
- (A) sodium nitroferrocyanide
  - (B) sodium pentacyanonitrosyl ferrate(II)
  - (C) sodium nitroferricyanide
  - (D) sodium pentacyanonitrosyl ferrate(III)
10. Which of the following is **not** a  $pK_a$  value of phosphoric acid?
- (A) 2.16
  - (B) 5.35
  - (C) 7.21
  - (D) 12.32
11. The near IR region spectrum falls under the range of
- (A)  $2.5 \mu$  to  $25 \mu$
  - (B)  $25 \mu$  to  $400 \mu$
  - (C)  $400 \mu$  to  $800 \mu$
  - (D)  $800 \mu$  to  $1200 \mu$
12. The light source commonly used in Raman spectrophotometer is
- (A) mercury arc
  - (B) deuterium lamp
  - (C) tungsten lamp
  - (D) xenon lamp
13. Stokes shift is associated with which spectroscopy?
- (A) UV-VIS
  - (B) IR
  - (C) Fluorescence
  - (D) ESR
14. Which of the following compounds is IR inactive?
- (A)  $CO_2$
  - (B)  $SO_2$
  - (C)  $NO_2$
  - (D)  $O_2$
15. Which of the following is **not** a part of HPLC instrumentation?
- (A) Pump
  - (B) Guard column
  - (C) Carrier gas
  - (D) Eluent reservoir
16. Which of the following is also known as bathochromic shift?
- (A) Blue shift
  - (B) Yellow shift
  - (C) Red shift
  - (D) Black shift

17. Emission of light from triplet excited state is known as
- (A) fluorescence
  - (B) phosphorescence
  - (C) bioluminescence
  - (D) chemiluminescence
18. Permanent dipole moment is the principle of which of the following techniques?
- (A) GC-MS
  - (B) HS-GC
  - (C) LC-MS
  - (D) FT-IR
19.  $m/z$  ratio is used in which of the following techniques?
- (A) UV spectrometry
  - (B) IR spectrometry
  - (C) Mass spectrometry
  - (D) Raman spectrometry
20. Acetaldehyde ( $\text{CH}_3\text{CHO}$ ) is having absorption peak at 160 nm. What type of transition is responsible for this absorption?
- (A)  $n \rightarrow \pi$
  - (B)  $\pi \rightarrow \pi^*$
  - (C)  $n \rightarrow \pi^*$
  - (D)  $\sigma \rightarrow \sigma^*$
21. The term 'IMFL' stands for
- (A) International-made foreign liquor
  - (B) Indian-made fruit liquor
  - (C) Indonesia-made fruit liquor
  - (D) Indian-made foreign liquor
22. In the ester test for alcohol, a positive reaction will give
- (A) orange colour
  - (B) rotten odour
  - (C) fruity odour
  - (D) bitter odour
23. For the analysis of blood alcohol, which of the following techniques is used?
- (A) FT-IR
  - (B) UV-VIS
  - (C) HS-GC
  - (D) Raman
24. Red handed trap cases are associated with which dye?
- (A) Sypro orange
  - (B) Congo red
  - (C) Thioflavin T
  - (D) Phenolphthalein
25. The chemical formula of picric acid is
- (A) 2,6,8-trinitrophenol
  - (B) 2,4,6-tetranitrophenol
  - (C) 2,4,6-trinitrophenol
  - (D) 2,6,8-trichlorophenol



26. The smoke point of a typical standard kerosene is
- (A) 12–18 mm
  - (B) 18–22 mm
  - (C) 22–26 mm
  - (D) 26–30 mm
27. Which of the following explosives is generally used in military boosters?
- (A) Picric acid
  - (B) Tetryl
  - (C) RDX
  - (D) PETN
28. Which of the following explosives is the main component of C4 explosive?
- (A) TNT
  - (B) PETN
  - (C) Tetryl
  - (D) RDX
29. Which one of the following is **not** a component of triple base propellants?
- (A) Nitroguanidine
  - (B) Nitrocellulose
  - (C) Nitroglycerine
  - (D) Nitrotoluene
30. For the extraction of inorganic residue from a post-blast scene, which solvent is used?
- (A) Acetone
  - (B) Hot water
  - (C) Pyridine
  - (D) Ether
31. Crack is the street name for which of the following drugs?
- (A) Heroin
  - (B) Cocaine
  - (C) MDMA
  - (D) Morphine
32. Which agency is the nodal agency for NDPS in India?
- (A) CBI
  - (B) ED
  - (C) NCB
  - (D) IT
33. Which of the following is a Novel Psychotropic Substance?
- (A) Cocaine
  - (B) Morphine
  - (C) Heroin
  - (D) Fentanyl

34. Which of the following substances is a potent hallucinogen?
- (A) Cocaine  
(B) Heroin  
(C) LSD  
(D) MDMA
35. For the detection of MDMA, which chemical test is used?
- (A) Simon's reagent test  
(B) Scott test  
(C) Dille-Koppanyi test  
(D) Fujiwara test
36. Which one of the following is **not** a barbiturate drug?
- (A) Diazepam  
(B) Allobarbitol  
(C) Pentobarbital  
(D) Phenobarbitone
37. Which of the following substances is obtained from a cactus?
- (A) Methamphetamine  
(B) Methaqualone  
(C) Mescaline  
(D) Morphine
38. Which of the following substances is known as 'magic mushroom'?
- (A) Heroin  
(B) Psilocybin  
(C) Morphine  
(D) Ergot
39. Which psychotropic substance is originated from a fungus?
- (A) Morphine  
(B) LSD  
(C) Ganja  
(D) Cannabis
40. For the analysis of psilocybin using Ehrlich's reagent test, which colour is observed with a positive reaction?
- (A) Violet colour  
(B) Green colour  
(C) Orange colour  
(D) Black colour
41. Which poison is known as sweet poison?
- (A) Aconite  
(B) Datura  
(C) Calotropis  
(D) Oleander
42. The document known as 'Ebers Papyrus' originates from which nation?
- (A) India  
(B) China  
(C) Rome  
(D) Egypt

43. Which of the following poisons is also one of the natural water pollutants?
- (A) Cyanide
  - (B) Arsenic
  - (C) Parathion
  - (D) Diazepam
44. Which of the following poisons is **not** a rodenticide?
- (A) Aluminium phosphide
  - (B) Bromadiolone
  - (C) Monocrotophos
  - (D) Zinc phosphide
45. Methanol is metabolized into which of the following compounds?
- (A) Acetic acid
  - (B) Lactic acid
  - (C) Formic acid
  - (D) Oxalic acid
46. Microwave digestion method is used for the extraction of
- (A) volatile poisons
  - (B) organic poisons
  - (C) inorganic poisons
  - (D) acidic poisons
47. Separating funnel is used in which of the following extraction methods?
- (A) LLE
  - (B) SPE
  - (C) SPME
  - (D) Digestion
48. Which of the following tests is used for the detection of heavy metals from the visceral material?
- (A) Fujiwara test
  - (B) Reinsch test
  - (C) Marquis test
  - (D) Scott test
49. HS-GC works on which of the following principles?
- (A) Pascal's Law
  - (B) Henry's Gas Law
  - (C) Newton's Law
  - (D) Ideal Gas Law
50. Which division of FSL receives the samples in the case of death by poisoning?
- (A) NDPS
  - (B) Serology
  - (C) Toxicology
  - (D) DNA

51. Which among the following is the oldest stock exchange in Asia?
- (A) Bombay Stock Exchange
  - (B) Shanghai Stock Exchange
  - (C) Tokyo Stock Exchange
  - (D) Hong Kong Stock Exchange
52. NITI Aayog or National Institution for Transforming India Aayog came into existence on
- (A) 1st January, 2014
  - (B) 1st January, 2015
  - (C) 1st January, 2016
  - (D) 1st January, 2019
53. An unsolicited message sent over Internet in the form of an e-mail to a large number of users for the purpose of advertising phishing is known as
- (A) spyware
  - (B) malware
  - (C) spam
  - (D) junk
54. The study of fossils is known as
- (A) Archaeology
  - (B) Paleontology
  - (C) Anthropology
  - (D) Geology
55. The process of transferring files from the Internet to your computer is called
- (A) downloading
  - (B) uploading
  - (C) networking
  - (D) assembler
56. Which of the following groups contains only biodegradable items?
- (A) Fruit-peels, cake and lime juice
  - (B) Cake, wood and grass
  - (C) Grass, flowers and leather
  - (D) All of the above
57. What is the common name of calcium oxychloride?
- (A) Plaster of Paris
  - (B) Slaked lime
  - (C) Bleaching powder
  - (D) Green vitriol
58. Who was the first scientist to be awarded two Nobel Prizes?
- (A) Linus Pauling
  - (B) Albert Einstein
  - (C) Marie Curie
  - (D) Dorothy Hodgkin



59. Who among the following served as the 46th Chief Justice of India?

- (A) Dipak Misra
- (B) Ranjan Gogoi
- (C) Sharad Arvind Bobde
- (D) Jagdish Singh Khehar

60. Sound travels faster through

- (A) solids
- (B) liquids
- (C) gases
- (D) vacuum

61. Who among the following won the Golden Boot Award in the 2022 FIFA Football World Cup?

- (A) Lionel Messi
- (B) Kylian Mbappé
- (C) Cristiano Ronaldo
- (D) Neymar

62. Which among the following schemes under the Ministry of Health and Family Welfare, Government of India was launched in December 2014 as a special drive to vaccinate all unvaccinated and partially vaccinated children under Universal Immunization Programme?

- (A) PM Swasthya Suraksha Yojana
- (B) Mission Vatsalya
- (C) Mission Indradhanush
- (D) PM Ayushman Bharat Health Infrastructure Mission

63. Match each vaccine in List-I with the scientist/scientists who invented the vaccine from List-II and select the correct answer using the code given below the Lists :

*List-I*

*List-II*

P. Smallpox vaccine

1. Louis Pasteur

Q. Cholera vaccine

2. John Enders

R. Tuberculosis vaccine

3. Edward Jenner

S. Measles vaccine

4. Albert Calmette and Camille Guérin

*Code :*

(A) P    Q    R    S  
      4    2    3    1

(B) P    Q    R    S  
      2    1    3    4

(C) P    Q    R    S  
      3    1    4    2

(D) P    Q    R    S  
      1    3    4    2

64. A solution turns red litmus paper blue, its pH is likely to be

- (A) 2
- (B) 4
- (C) 7
- (D) 10

65. The Chief Minister of which State as an initiative towards pollution-free environment launched 200 electric buses on January 3, 2024?

- (A) Andhra Pradesh
- (B) Gujarat
- (C) Assam
- (D) West Bengal

66. India's first Solar Mission launched by Indian Space Research Organization (ISRO) is known as

- (A) IRS-1A
- (B) GSAT-6A
- (C) Aditya-L1
- (D) INSAT-1A

67. Brass is an alloy of

- (A) copper and nickel
- (B) copper and zinc
- (C) copper and iron
- (D) copper and aluminium

68. The Rang Ghar which is said to be one of the oldest surviving amphitheatres in Asia was built during the reign of

- (A) Swargadeo Sukapha
- (B) Swargadeo Rudra Singha
- (C) Swargadeo Pramatta Singha
- (D) Swargadeo Rajeswar Singha

69. Match List-I with List-II and select the correct answer using the code given below the Lists :

<i>List-I</i>	<i>List-II</i>
P. Vitamin C	1. Rickets
Q. Calcium	2. Scurvy
R. Vitamin D	3. Beriberi
S. Vitamin B <sub>1</sub>	4. Bone and tooth decay

Code :

(A)	P	Q	R	S
	4	2	3	1
(B)	P	Q	R	S
	2	4	1	3
(C)	P	Q	R	S
	3	4	1	2
(D)	P	Q	R	S
	1	4	3	2

70. A media service offered directly to the viewers via the Internet is known as

- (A) satellite TV
- (B) broadcast
- (C) cable
- (D) over-the-top

71. The unit of rate constant of a reaction represented with a rate equation,  $\text{rate} = k[A]^{\frac{1}{2}}[B]^{\frac{3}{2}}$  is

- (A)  $\text{mol}^{-2}\text{L}^2\text{s}^{-1}$   
 (B)  $\text{s}^{-1}$   
 (C)  $\text{mol L}^{-1}\text{s}^{-1}$   
 (D)  $\text{mol}^{-1}\text{L s}^{-1}$

72. Match each coordination compound in List-I with an appropriate pair of characteristics from List-II and select the correct answer using the code given below the Lists :

<i>List-I</i>	<i>List-II</i>
P. $[\text{Cr}(\text{NH}_3)_4\text{Cl}_2]\text{Cl}$	1. Paramagnetic and exhibit ionization isomerism
Q. $[\text{Ti}(\text{H}_2\text{O})_5\text{Cl}](\text{NO}_3)_2$	2. Diamagnetic and exhibits <i>cis-trans</i> isomerism
R. $[\text{Pt}(\text{en})(\text{NH}_3)\text{Cl}]\text{NO}_3$	3. Paramagnetic and exhibit <i>cis-trans</i> isomerism
S. $[\text{Co}(\text{NH}_3)_4(\text{NO}_3)_2]\text{NO}_3$	4. Diamagnetic and exhibit ionization isomerism

(en =  $\text{H}_2\text{NCH}_2\text{CH}_2\text{NH}_2$ ;  
 atomic numbers : Ti = 22; Cr = 24;  
 Co = 27; Pt = 78)

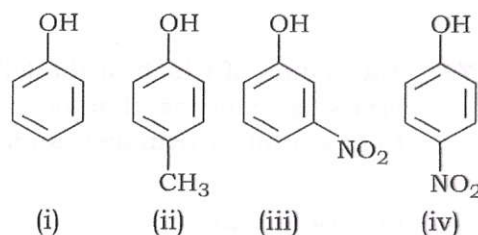
Code :

(A)	P	Q	R	S
	4	2	3	1
(B)	P	Q	R	S
	2	1	3	4
(C)	P	Q	R	S
	3	1	4	2
(D)	P	Q	R	S
	1	3	4	2

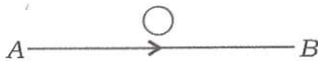
73. Which of the following statements is wrong?

- (A) Nitrogen cannot form  $d\pi-p\pi$  bond.  
 (B) The stability of hydrides increases from  $\text{NH}_3$  to  $\text{BiH}_3$  in group 15 of the periodic table.  
 (C)  $\text{N}_2\text{O}_4$  has two resonance structures.  
 (D) Single N—N bond is weaker than the single P—P bond.

74. In the following compounds the order of acidity is

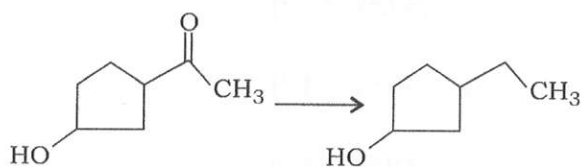


- (A) (iii) > (iv) > (i) > (ii)  
 (B) (i) > (iv) > (iii) > (ii)  
 (C) (ii) > (i) > (iii) > (iv)  
 (D) (iv) > (iii) > (i) > (ii)

75. A battery of e.m.f. 10 V and internal resistance 3  $\Omega$  is connected to a resistor. If the current in the circuit is 0.5 A, the resistance of the resistor is
- (A) 17  $\Omega$   
 (B) 12  $\Omega$   
 (C) 10  $\Omega$   
 (D) 20  $\Omega$
76. Enzymes that utilize ATP in phosphate transfer require an alkaline earth metal (M) as the cofactor, M is
- (A) magnesium  
 (B) strontium  
 (C) barium  
 (D) calcium
77. The radius of which of the following orbits is same as that of the first Bohr's orbit of hydrogen atom?
- (A)  $\text{He}^+(n=2)$   
 (B)  $\text{Be}^{3+}(n=2)$   
 (C)  $\text{Li}^{2+}(n=2)$   
 (D)  $\text{Li}^{2+}(n=3)$
78. Which of the following species contains three bond pairs and one lone pair around the central atom?
- (A)  $\text{BF}_3$   
 (B)  $\text{CO}_2$   
 (C)  $\text{PCl}_3$   
 (D)  $\text{H}_2\text{O}$
79.  $a$  and  $b$  are van der Waals' constants for gases. Chlorine is more easily liquefied than ethane because
- (A)  $a$  and  $b$  for  $\text{Cl}_2 > a$  and  $b$  for  $\text{C}_2\text{H}_6$   
 (B)  $a$  and  $b$  for  $\text{Cl}_2 < a$  and  $b$  for  $\text{C}_2\text{H}_6$   
 (C)  $a$  for  $\text{Cl}_2 < a$  for  $\text{C}_2\text{H}_6$  but  $b$  for  $\text{Cl}_2 > b$  for  $\text{C}_2\text{H}_6$   
 (D)  $a$  for  $\text{Cl}_2 > a$  for  $\text{C}_2\text{H}_6$  but  $b$  for  $\text{Cl}_2 < b$  for  $\text{C}_2\text{H}_6$
80. The current flows from A to B as shown in the figure below :
- 
- The direction of the induced current in the loop is
- (A) along the straight line  
 (B) clockwise  
 (C) anti-clockwise  
 (D) No induced e.m.f. is produced



81. The appropriate reagent for the following transformation



is

- (A) Zn—Hg/HCl  
(B) NaBH<sub>4</sub>  
(C) Ni/H<sub>2</sub>  
(D) H<sub>2</sub>N—NH<sub>2</sub>, KOH/ethylene glycol
82. If a double-stranded DNA has 20% of cytosine, then the percentage of adenine in the DNA will be
- (A) 20%  
(B) 30%  
(C) 40%  
(D) 60%
83. Transmission of which among the following diseases takes place through contaminated food and water?
- (A) Amoebiasis  
(B) Malaria  
(C) Ascariasis  
(D) Pneumonia

84. Which among the following gases, Miller used in his experiment on origin of life?

- (A) Methane  
(B) Water vapour  
(C) Ammonia  
(D) All of the above

85. Which of the following has minimum wavelength?

- (A) Blue light  
(B) Infrared rays  
(C) Microwave  
(D)  $\gamma$ -Rays

86. The resistance  $R$  of a conductor depends on its length  $l$  and cross-sectional area  $A$  through the relation

- (A)  $R = \frac{\rho l}{A}$   
(B)  $R = \frac{A}{\rho l}$   
(C)  $R = \rho l A$   
(D)  $R = \frac{l A}{\rho}$

87. The standard electrode potentials of three metals X, Y and Z are  $-1.2\text{ V}$ ,  $+0.5\text{ V}$  and  $-3.0\text{ V}$  respectively. The reducing power of these metals will be

- (A)  $Z > X > Y$
- (B)  $Y > X > Z$
- (C)  $Y > Z > X$
- (D)  $X > Y > Z$

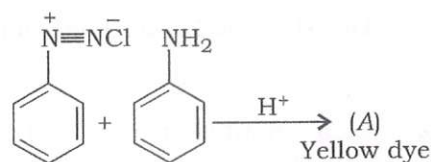
88. In a *p*-type silicon, which of the following statements is true?

- (A) Electrons are majority carriers and trivalent atoms are the dopants.
- (B) Electrons are minority carriers and pentavalent atoms are the dopants.
- (C) Holes are minority carriers and pentavalent atoms are the dopants.
- (D) Holes are majority carriers and trivalent atoms are the dopants.

89. The dimension of e.m.f. is

- (A)  $[ML^2T^{-2}A^{-1}]$
- (B)  $[ML^2T^{-3}A^{-1}]$
- (C)  $[ML^2T^{-2}A^{-2}]$
- (D)  $[ML^2T^{-3}A^{-2}]$

90. In the following reaction



the product (A) is

- (A)
- (B)
- (C)
- (D)

91. Put the verb into the correct form :

I want to lose weight. I \_\_\_\_\_  
(not/eat) anything today.

- (A) may not eat
- (B) will not eat
- (C) am not eating
- (D) did not eat

92. Arrange the words in the correct order to form a meaningful sentence :

Our body takes in many toxins from

P : we eat, and we must have

Q : a process for purging these impurities

R : the atmosphere and the food

- (A) PQR      (B) RPQ
- (C) QPR      (D) RQP

93. Pick the correct option :

How \_\_\_\_\_ she do that to us!

- (A) would      (B) must
- (C) shall      (D) could

94. Pick the correct option :

Unfortunately, I have \_\_\_\_\_ talent for music although I always wanted to be a singer.

- (A) less
- (B) little
- (C) plenty of
- (D) just a little

95. Pick the correct option :

\_\_\_\_\_ I talk to the manager?

- (A) Might
- (B) May
- (C) Could
- (D) Would

96. Identify the type of the sentence :

The big brown dog is at the gate.

- (A) Simple
- (B) Compound
- (C) Complex
- (D) None of the above

97. Which word means the same as *delegate*?

- (A) Analyze
- (B) Respect
- (C) Criticize
- (D) Assign

98. Which word is the opposite of *demolish*?

- (A) Attend
- (B) Consider
- (C) Create
- (D) Stifle

99. Choose the correct option that best completes the comparison :

control : dominate :: magnify : \_\_\_\_\_

- (A) enlarge
- (B) preserve
- (C) decrease
- (D) divide

100. For the following sentence, choose the correct homophone for the missing word :

My grandmother is an \_\_\_\_\_ historian.

- (A) imminent
- (B) immanent
- (C) eminent
- (D) None of the above

**SPACE FOR ROUGH WORK**

**SEAL**

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