Comprehensive 200 MCQ Challenge - Set 03

Subjects: Physics, Chemistry, Mathematics, Hindi, English, Reasoning, Current Affairs, HP GK, and Indian GK. **Level:** Competitive Entrance / Medium Difficulty.

Mixed MCQs (1-200)

1. Who was the founder of the princely state of Chamba? A) Meru Varman B) Sahil Varman C) Ajay Varman D) Aditya Varman

2. A thin convex lens of focal length f is cut into two equal halves along the principal axis. The focal length of each half will be: A) f B) $2f$ C) $f/2$ D) Infinite

3. 'परोपकार' शब्द में कौन सी संधि है? A) गुण संधि B) वृद्धि संधि C) यण संधि D) अयादि संधि

4. The value of $\int \tan x \, dx$ is: A) $\sec^2 x + C$ B) $\ln|\sec x| + C$ C) $\ln|\sin x| + C$ D) $-\sec x + C$

5. Which of the following shows the 'Linkage Isomerism'? A) $[Co(NH_3)_5(SCN)]Cl_2$ B) $[Co(NH_3)_6]Cl_3$ C) $[Cu(NH_3)_4]SO_4$ D) $[Pt(NH_3)_2Cl_2]$

6. Choose the word correctly meaning 'A person who looks at the bright side of things': A) Pessimist B) Optimist C) Atheist D) Altruist

7. If $5 + 3 = 28$ and $9 + 1 = 810$, then $2 + 1 = ?$ A) 13 B) 31 C) 12 D) 21

8. Which article of the Indian Constitution is related to the 'Abolition of Untouchability'? A) Article 14 B) Article 15 C) Article 17 D) Article 18

9. The magnetic field at a distance r from a long straight wire carrying current I is proportional to: A) r B) $1/r$ C) $1/r^2$ D) r^2

10. Oxidation of a primary alcohol with PCC (Pyridinium Chlorochromate) yields: A) Aldehyde B) Ketone C) Carboxylic Acid D) Ester

11. If $y = \sin(x^2)$, then dy/dx is: A) $\cos(x^2)$ B) $2x\cos(x^2)$ C) $x^2 \cos x$ D) $-2x\cos(x^2)$

12. In which district is the 'Chamera Lake' located in Himachal Pradesh? A) Chamba B) Mandi C) Bilaspur D) Kangra

13. The working of an optical fiber is based on: A) Total Internal Reflection B) Scattering C) Interference D) Diffraction

14. 'अंगूठा दिखाना' मुहावरे का सही अर्थ है: A) मदद करना B) चिढ़ाना C) वक्त पर मना कर देना D) अंगूठे की बीमारी

15. Find the missing number in the series: 3, 7, 15, 31, 63, ? A) 95 B) 111 C) 127 D) 128

16. The units of the rate constant for a first-order reaction are: A) $mol \, L^{-1} s^{-1}$ B) $L \, mol^{-1} s^{-1}$ C) s^{-1} D) $mol \, L^{-1}$

17. The value of $\cos(180°)$ is: A) 0 B) 1 C) -1 D) $1/2$

18. Who is the first woman to be appointed as the Director General of the Council of Scientific and Industrial Research (CSIR)? A) Nallathamby Kalaiselvi B) Madhabi Puri Buch C) Shanti

Shree Dhulipudi D) Tessy Thomas

19. Resistance of an ideal ammeter and an ideal voltmeter are respectively: A) Zero, Infinite B) Infinite, Zero C) Zero, Zero D) Infinite, Infinite

20. Which element has the highest electronegativity? A) Oxygen B) Nitrogen C) Fluorine D) Chlorine

21. 'यद्यपि' का संधि विच्छेद है: A) यद + अपि B) यदि + अपि C) यद्य + पि D) य + द्यपि

22. Pointing to a man, a woman said, "His mother is the only daughter of my mother." How is the woman related to the man? A) Sister B) Grandmother C) Mother D) Daughter

23. Which river is known as the 'Kalindi' in Himachal Pradesh? A) Beas B) Yamuna C) Ravi D) Chenab

24. A particle is moving in a circle of radius r. The displacement after half a circle would be: A) 0 B) πr C) $2r$ D) $2\pi r$

25. The probability of getting a doublet when rolling two dice is: A) 1/6 B) 1/12 C) 5/36 D) 1/36

26. Which of the following is an 'Electrophile'? A) NH_3 B) H_2O C) BF_3 D) CN^-

27. Choose the correctly spelled word: A) Committee B) Comittee C) Commitee D) Comite

28. Who was the first Mughal Emperor to visit the Kangra Fort? A) Akbar B) Jahangir C) Shah Jahan D) Aurangzeb

29. The unit of capacitance is: A) Henry B) Farad C) Tesla D) Ohm

30. The formula of 'Bleaching Powder' is: A) $CaCl_2$ B) $CaOCl_2$ C) $Ca(OH)_2$ D) $CaCO_3$

31. If A is a square matrix of order n, then $|adj(A)|$ is: A) $|A|^n$ B) $|A|^{n-1}$ C) $|A|$ D) $n|A|$

32. 'निरोग' में कौन सी संधि है? A) स्वर संधि B) व्यंजन संधि C) विसर्ग संधि D) इनमें से कोई नहीं

33. Fill in the blank: 'I prefer tea _____ coffee.' A) than B) to C) for D) over

34. 'The Battle of Panipat (Third)' took place in: A) 1526 B) 1556 C) 1761 D) 1739

35. The specific resistance of a wire depends on: A) Length B) Area of cross-section C) Nature of material D) Mass

36. Which functional group is present in Propanone? A) $-CHO$ B) $-OH$ C) $>C=O$ D) $-COOH$

37. The slope of the line $2x + 3y = 6$ is: A) 2 B) 3 C) -2/3 D) 2/3

38. Which fair of Himachal Pradesh is associated with the 'Trident' of Lord Shiva? A) Lavi Fair B) Minjar Fair C) Shivratri (Mandi) D) Mani Mahesh Yatra

39. The force of attraction between two masses m_1 and m_2 separated by distance r is: A) Gm_1m_2/r B) Gm_1m_2/r^2 C) $G(m_1 + m_2)/r^2$ D) m_1m_2/Gr^2

40. Which amino acid is the building block of proteins? A) α-amino acid B) β-amino acid C) γ-amino acid D) δ-amino acid

41. The value of $\lim_{x\to 0} \frac{\tan x}{x}$ is: A) 0 B) 1 C) ∞ D) -1

42. 'पवन' का पर्यायवाची शब्द है: A) समीर B) अनल C) वारि D) व्योम

43. Which Indian city is known as the 'Silicon Valley of India'? A) Hyderabad B) Pune C) Bengaluru D) Chennai

44. The kinetic energy of an object of mass m moving with velocity v is: A) mv^2 B) $1/2mv^2$ C) mgh D) $1/2m^2v$

45. The pH of human blood is approximately: A) 6.4 B) 7.0 C) 7.4 D) 8.2

46. What is the derivative of $\ln x$? A) x B) $1/x$ C) e^x D) 1

47. In which year was the 'Shimla Pact' signed? A) 1971 B) 1972 C) 1966 D) 1948

48. A mirror used by dentists to see large images of teeth is: A) Convex mirror B) Concave mirror C) Plane mirror D) Cylindrical mirror

49. Which of the following is a 'Lewis Acid'? A) NH_3 B) H_2O C) $AlCl_3$ D) F^-

50. If $2^x = 32$, then x is: A) 4 B) 5 C) 6 D) 10

51. 'सूर्योदय' का सही विलोम है: A) सूर्यास्त B) दिन C) उजाला D) प्रकाश

52. Synonym of 'FRAGILE': A) Strong B) Delicate C) Tough D) Hard

53. 'Pin Valley National Park' is situated in which district? A) Lahaul and Spiti B) Kullu C) Kinnaur D) Mandi

54. The unit of magnetic field strength is: A) Weber B) Tesla C) Henry D) Watt

55. Which gas is known as 'Dry Ice'? A) Solid O_2 B) Solid CO_2 C) Solid N_2 D) Solid CH_4

56. The range of the function $f(x) = \sin x$ is: A) $[0, 1]$ B) $[-1, 1]$ C) $(-\infty, \infty)$ D) $[0, \pi]$

57. 'दाल-भात' में कौन सा समास है? A) तत्पुरुष B) द्वंद्व C) द्विगु D) कर्मधारय

58. Identify the tense: 'I have been studying for two hours.' A) Present Continuous B) Present Perfect Continuous C) Past Perfect Continuous D) Future Continuous

59. Who was the first Chief Minister of Himachal Pradesh? A) Dr. Y.S. Parmar B) Thakur Ram Lal C) Shanta Kumar D) Virbhadra Singh

60. The speed of sound in air is approximately: A) $3 \times 10^8 \, m/s$ B) $332 \, m/s$ C) $1500 \, m/s$ D) $5000 \, m/s$

61. Which of the following is an example of an addition polymer? A) Nylon-6,6 B) Bakelite C) Polythene D) Terylene

62. The value of $\int e^x dx$ is: A) $e^x + C$ B) $xe^{x-1} + C$ C) $1/x + C$ D) $x + C$

63. 'अंधा क्या चाहे दो आँखें' का अर्थ है: A) बहुत मेहनत करना B) इच्छा पूर्ति होना C) आँखों का इलाज D) अंधे की मदद

64. Which vitamin is chemically known as 'Retinol'? A) Vitamin A B) Vitamin B C) Vitamin C D) Vitamin D

65. The 'Ghadar Party' was founded in which year? A) 1913 B) 1915 C) 1920 D) 1905

66. The resistance of a conductor increases with: A) Increase in temperature B) Increase in length C) Decrease in area of cross-section D) All of the above

67. Which of the following is a coordinate covalent bond? A) H_2 B) NH_4^+ C) $NaCl$ D) Cl_2

68. The sum of the angles of a triangle is: A) $90°$ B) $180°$ C) $360°$ D) $270°$

69. 'हिमालय' का संधि विच्छेद है: A) हिम + आलय B) हिमा + लय C) हि + मालय D) हिमाल + य

70. Change the voice: 'She killed a snake.' A) A snake is killed by her. B) A snake was killed by her. C) A snake has been killed by her. D) A snake kills her.

71. Which district of Himachal Pradesh has the highest population according to 2011 Census? A) Shimla B) Kangra C) Mandi D) Solan

72. Light year is a unit of: A) Time B) Distance C) Light intensity D) Velocity

73. The oxidation number of S in H_2SO_4 is: A) +2 B) +4 C) +6 D) +8

74. If $\sin\theta = 1/2$, find θ: A) $30°$ B) $45°$ C) $60°$ D) $90°$

75. 'जंगल' का विलोम शब्द है: A) वन B) अरण्य C) स्थावर D) मरु

76. Who wrote the national anthem 'Jana Gana Mana'? A) Bankim Chandra Chattopadhyay) Rabindranath Tagore C) Sarojini Naidu D) Subhas Chandra Bose

77. The 'Bhakra Dam' is situated on which river? A) Satluj B) Beas C) Ravi D) Yamuna

78. Which law states that 'Pressure is inversely proportional to volume at constant temperature'? A) Charles's Law B) Boyle's Law C) Gay-Lussac's Law D) Avogadro's Law

79. The derivative of $x^2 + 5x$ is: A) $x + 5$ B) $2x + 5$ C) $2x$ D) $5x$

80. 'अमृत' का पर्यायवाची है: A) पियूष B) विष C) जल D) पवन

81. Which element is used as a lubricant in heavy machines? A) Graphite B) Sulfur C) Phosphorus D) Coal

82. Who won the ICC Men's Cricket World Cup 2023? A) India B) Australia C) South Africa D) England

83. The power of a lens is measured in: A) Watt B) Dioptre C) Candela D) Lumen

84. Zinc reacts with HCl to produce which gas? A) O_2 B) H_2 C) Cl_2 D) CO_2

85. The value of $\int_0^1 x^2 dx$ is: A) 1/2 B) 1/3 C) 1 D) 0

86. 'कमल' का पर्यायवाची शब्द है: A) जलद B) जलज C) वारिद D) अंबर

87. Which state of India has the longest coastline? A) Gujarat B) Andhra Pradesh C) Tamil Nadu D) Maharashtra

88. The 'Kyoto Protocol' is related to: A) Climate change B) Ozone depletion C) Biodiversity D) Water pollution

89. Escape velocity from Earth is: A) $9.8\,km/s$ B) $11.2\,km/s$ C) $8.0\,km/s$ D) $42\,km/s$

90. Which acid is present in Tamarind? A) Citric Acid B) Tartaric Acid C) Lactic Acid D) Oxalic Acid

91. The roots of $x^2 - 5x + 6 = 0$ are: A) 2, 3 B) -2, -3 C) 1, 6 D) 5, 1

92. 'हाथ मलना' मुहावरे का अर्थ है: A) पछताना B) हाथ धोना C) मेहनत करना D) ठंड लगना

93. Choose the synonym of 'HUGE': A) Tiny B) Enormous C) Weak D) Small

94. Which is the largest district of HP by area? A) Lahaul and Spiti B) Chamba C) Kangra D) Kinnaur

95. In an isothermal process, which variable remains constant? A) Pressure B) Volume C) Temperature D) Entropy

96. The hybridization of Carbon in Methane is: A) sp B) sp^2 C) sp^3 D) dsp^2

97. The slope of the line $y = mx + c$ is: A) c B) m C) x D) y

98. 'उत्थान' का विलोम शब्द है: A) पतन B) उन्नति C) ऊपर D) नीचा

99. Which component of blood helps in clotting? A) RBC B) WBC C) Platelets D) Plasma

100. Who is the current President of India (2024)? A) Ram Nath Kovind B) Droupadi Murmu C) Jagdeep Dhankhar D) Narendra Modi

101. The unit of force is: A) Joule B) Newton C) Pascal D) Watt

102. Which catalyst is used in the manufacture of NH_3 by Haber's process? A) Fe B) Pt C) Ni D) V_2O_5

103. If $f(x) = x^3$, find $f''(x)$: A) $3x^2$ B) $6x$ C) 6 D) 0

104. 'जिसकी लाठी उसकी भैंस' का अर्थ है: A) भैंस पालना B) शक्तिशाली की विजय होती है C) लाठी से मारना D) पशुपालन

105. In which year was the 'Shimla Municipal Corporation' established? A) 1851 B) 1864 C) 1872 D) 1905

106. Which planet is known as the 'Morning Star'? A) Mars B) Venus C) Jupiter D) Saturn

107. The image formed by a plane mirror is always: A) Real and inverted B) Virtual and erect C) Real and erect D) Virtual and inverted

108. Which group of the periodic table contains 'Noble Gases'? A) Group 1 B) Group 17 C) Group 18 D) Group 2

109. The probability of an event happening is 0.3. What is the probability of it not happening? A) 0.3 B) 0.7 C) 1.0 D) 0.5

110. 'इति' का विलोम शब्द है: A) अथ B) अंत C) समास D) पूर्ण

111. Fill in the blank: 'He died _____ a heart attack.' A) from B) of C) by D) with

112. The first Governor of HP was: A) S. Chakravarti B) Y.S. Parmar C) Bajrang Bahadur D) N.C. Mehta

113. An electric bulb filament is made of: A) Copper B) Tungsten C) Aluminum D) Iron

114. The empirical formula of Benzene is: A) C_6H_6 B) CH C) C_2H_2 D) C_3H_3

115. If $\tan\theta = 1$, then θ is: A) $30°$ B) $45°$ C) $60°$ D) $90°$

116. 'अनुज' का विलोम शब्द है: A) अग्रज B) छोटा C) भाई D) बहन

117. Who is known as the 'Iron Man of India'? A) Sardar Patel B) J.L. Nehru C) M.K. Gandhi D) B.R. Ambedkar

118. Which river flows through the 'Kullu Valley'? A) Beas B) Satluj C) Ravi D) Chenab

119. The potential energy of a spring is $1/2kx^2$, where k is: A) Mass B) Velocity C) Spring constant D) Time

120. Which of the following is a neutral oxide? A) MgO B) CO_2 C) N_2O D) SO_2

121. The value of $\log 10$ is: A) 0 B) 1 C) 10 D) e

122. 'घोड़े बेचकर सोना' का अर्थ है: A) निश्चिंत होना B) व्यापार करना C) आलस करना D) बहुत सोना

123. Identify the odd one: 2, 3, 5, 7, 9, 11 A) 2 B) 9 C) 7 D) 11

124. The 'Lavi Fair' is held in: A) Shimla B) Rampur C) Mandi D) Solan

125. The speed of light in vacuum is: A) $3 \times 10^8\,m/s$ B) $3 \times 10^5\,m/s$ C) $332\,m/s$ D) $300\,m/s$

126. The electronic configuration of Carbon is: A) $1s^2 2s^2 2p^2$ B) $1s^2 2s^2 2p^6$ C) $1s^2 2s^2 2p^4$ D) $1s^2 2s^1$

127. The volume of a cube with side a is: A) a^2 B) a^3 C) $6a^2$ D) $4a$

128. 'आँख का तारा' का अर्थ है: A) बहुत प्यारा B) दुश्मन C) आँखों की बीमारी D) तारा

129. Choose the correct antonym for 'ANCIENT': A) Old B) Modern C) Antique D) Historical

130. Who founded the city of 'Manali'? A) Manu B) Sahil Varman C) Akbar D) Meru Varman

131. The unit of work is: A) Newton B) Joule C) Watt D) Pascal

132. Which non-metal is a good conductor of electricity? A) Diamond B) Graphite C) Sulfur D) Iodine

133. If $x + 2 = 5$, then x is: A) 2 B) 3 C) 7 D) 5

134. 'अमृत' का विलोम शब्द है: A) जल B) विष C) पवन D) आकाश

135. The 'Nathpa Jhakri' project is on which river? A) Beas B) Satluj C) Ravi D) Chenab

136. The frequency of a wave is measured in: A) Second B) Hertz C) Meter D) Joule

137. Which gas is used in the 'Lead Storage Battery'? A) H_2SO_4 (Electrolyte) B) HCl C) HNO_3 D) H_2O

138. The value of $\sin^2 \theta + \cos^2 \theta$ is: A) 0 B) 1 C) 2 D) $\tan \theta$

139. 'पहाड़ी गांधी' के नाम से किसे जाना जाता है? A) बाबा कांशी राम B) यशपाल C) लाला हरदयाल D) सोहन सिंह भकना

140. Which country won the FIFA World Cup 2022? A) France B) Argentina C) Brazil D) Croatia

141. The power of a lens with focal length $0.5\,m$ is: A) $2D$ B) $0.5D$ C) $5D$ D) $1D$

142. Methane is also known as: A) Tear gas B) Marsh gas C) Laughing gas D) Noble gas

143. If $\sin \theta = \cos \theta$, then θ is: A) $0°$ B) $45°$ C) $90°$ D) $60°$

144. 'उन्नति' का विलोम शब्द है: A) अवनति B) प्रगति C) ऊपर D) पतन

145. Who was the first Indian to travel to space? A) Rakesh Sharma B) Kalpana Chawla C) Sunita Williams D) Vikram Sarabhai

146. A vector quantity has: A) Only magnitude B) Only direction C) Both magnitude and direction D) Neither

147. Which substance is used in the manufacturing of glass? A) Silica B) Coal C) Iron D) Aluminum

148. The area of a triangle with base b and height h is: A) bh B) $1/2bh$ C) $2bh$ D) b^2h

149. 'गिरीश' में कौन सी संधि है? A) दीर्घ B) गुण C) यण D) वृद्धि

150. Which district of HP is known as the 'Peach Bowl of Asia'? A) Solan B) Sirmaur C) Mandi D) Kullu

151. Pascal is the unit of: A) Force B) Energy C) Pressure D) Power

152. Which process is used to purify drinking water? A) Chlorination B) Oxidation C) Reduction D) Crystallization

153. What is the derivative of $\sin x$? A) $\cos x$ B) $-\cos x$ C) $\tan x$ D) $\sin x$

154. 'नाकों चने चबाना' मुहावरे का अर्थ है: A) चने खाना B) बहुत परेशान करना C) बहुत खुश होना D) डर जाना

155. Which mountain range separates HP from Tibet? A) Pir Panjal B) Zanskar C) Dhauladhar D) Shivalik

156. The unit of electrical resistance is: A) Ohm B) Volt C) Ampere) Watt

157. Which element is the main constituent of natural gas? A) Methane B) Ethane C) Propane D) Butane

158. The derivative of e^x is: A) e^x B) xe^{x-1} C) e D) 1

159. 'गणेश' का संधि विच्छेद है: A) गण + ईश B) गणे + श C) ग + णेश D) गण + ईस

160. Who wrote the book 'Arthashastra'? A) Megasthenes B) Chanakya (Kautilya) C) Ashoka D) Kalidasa

161. A transformer works on the principle of: A) Self-induction B) Mutual induction C) Magnetic resonance D) Electrostatics

162. Which gas is filled in balloons for flying? A) Nitrogen B) Helium C) Oxygen D) Hydrogen

163. The integral of x^n is: A) nx^{n-1} B) $x^{n+1}/(n+1)$ C) nx^n D) x^{n+1}

164. 'स्वतंत्रता' का विलोम है: A) परतंत्रता B) गुलामी C) आजाद D) बंधन

165. Which river flows through the 'Silent Valley' in India? A) Periyar B) Kunthipuzha C) Pamba D) Krishna

166. Sound waves in air are: A) Transverse B) Longitudinal C) Electromagnetic D) Stationary

167. Which metal is stored in kerosene? A) Sodium B) Iron C) Silver D) Gold

168. If $y = x^2$, find dy/dx at $x = 3$: A) 3 B) 6 C) 9 D) 0

169. 'दाँत खट्टे करना' मुहावरे का अर्थ है: A) खट्टा खाना B) बुरी तरह हराना C) दाँत साफ करना D) परेशान होना

170. Which is the highest mountain peak in HP? A) Shilla B) Reo Purgyil C) Shipki D) Manimahesh

171. The speed of sound is maximum in: A) Air B) Water C) Steel D) Vacuum

172. Which of the following is a physical change? A) Burning of wood B) Rusting of iron C) Melting of ice D) Souring of milk

173. The integral $\int 1dx$ is: A) $x + C$ B) $1 + C$ C) $0 + C$ D) $x^2/2 + C$

174. 'आकाश' का पर्यायवाची है: A) गगन B) धरती C) पाताल D) मरु

175. Who was the first Indian woman to win an Olympic medal? A) P.T. Usha B) Karnam Malleswari C) Mary Kom D) Saina Nehwal

176. Which part of the eye controls the light entering? A) Retina B) Iris C) Pupil D) Lens

177. The chemical name of 'Baking Soda' is: A) Sodium Carbonate B) Sodium Bicarbonate C) Sodium Hydroxide D) Sodium Chloride

178. The distance between points $(0, 0)$ and $(3, 4)$ is: A) 5 B) 7 C) 12 D) 25

179. 'ईश्वर' का विलोम शब्द है: A) अनिश्वर B) जीव C) भगवान D) देव

180. Where is the 'High Court' of HP located? A) Dharamshala B) Shimla C) Mandi D) Solan

181. Which instrument is used to measure electric current? A) Voltmeter B) Ammeter C) Galvanometer D) Wattmeter

182. Which non-metal is liquid at room temperature? A) Mercury B) Bromine C) Iodine D) Phosphorus

183. The sum of the roots of $ax^2 + bx + c = 0$ is: A) c/a B) $-b/a$ C) b/a D) $\sqrt{D}/2a$

184. 'अंधे की लाठी' मुहावरे का अर्थ है: A) एकमात्र सहारा B) रास्ता दिखाना C) अंधे की मदद करना D) लाठी से मारना

185. Who invented the 'Steam Engine'? A) James Watt B) Newton C) Edison D) Graham Bell

186. Convex lens is used to correct which eye defect? A) Myopia B) Hypermetropia C) Astigmatism D) Presbyopia

187. Which gas is used in the 'Haber's Process'? A) N_2 and H_2 B) O_2 and H_2 C) N_2 and O_2 D) H_2 and Cl_2

188. The value of $\tan(45°)$ is: A) 0 B) 1 C) $1/\sqrt{3}$ D) ∞

189. 'चौराहा' में कौन सा समास है? A) द्विगु B) द्वंद्व C) तत्पुरुष D) बहुव्रीहि

190. Which is the state animal of Himachal Pradesh? A) Tiger B) Snow Leopard C) Musk Deer D) Lion

191. Centripetal force acts towards: A) Outside the circle B) Center of the circle C) Tangent to the circle D) None

192. Which gas is liberated when an acid reacts with a metal? A) O_2 B) H_2 C) CO_2 D) N_2

193. What is the value of $5!$ (Factorial 5)? A) 60 B) 120 C) 20 D) 100

194. 'आँखें दिखाना' मुहावरे का अर्थ है: A) डराना B) प्यार करना C) इलाज करना D) इशारा करना

195. Who is known as the 'Nightingale of India'? A) Sarojini Naidu B) Lata Mangeshkar C) Indira Gandhi D) Mother Teresa

196. The color of light with the longest wavelength is: A) Violet B) Red C) Blue D) Green

197. Which bond is formed by complete transfer of electrons? A) Covalent B) Ionic C) Hydrogen D) Metallic

198. The perimeter of a circle with radius r is: A) πr^2 B) $2\pi r$ C) πd D) $2\pi d$

199. 'आस्तिक' का विलोम शब्द है: A) नास्तिक B) भक्त C) पापी D) धार्मिक

200. In which district of HP is the 'Rohtang Pass' located? A) Kullu B) Mandi C) Chamba D) Kangra

Answer Key

1-A, 2-A, 3-A, 4-B, 5-A, 6-B, 7-A, 8-C, 9-B, 10-A, 11-B, 12-A, 13-A, 14-C, 15-C, 16-C, 17-C, 18-A, 19-A, 20-C, 21-B, 22-C, 23-B, 24-C, 25-A, 26-C, 27-A, 28-B, 29-B, 30-B, 31-B, 32-C, 33-B, 34-C, 35-C, 36-C, 37-C, 38-D, 39-B, 40-A, 41-B, 42-A, 43-C, 44-B, 45-C, 46-B, 47-B, 48-B, 49-C, 50-B, 51-A, 52-B, 53-A, 54-B, 55-B, 56-B, 57-B, 58-B, 59-A, 60-B, 61-C, 62-A, 63-B, 64-A, 65-A, 66-D, 67-B, 68-B, 69-A, 70-B, 71-B, 72-B, 73-C, 74-A, 75-C, 76-B, 77-A, 78-B, 79-B, 80-A, 81-A, 82-B, 83-B, 84-B, 85-B, 86-B, 87-A, 88-A, 89-B, 90-B, 91-A, 92-A, 93-B, 94-A, 95-C, 96-C, 97-B, 98-A, 99-C, 100-B, 101-B, 102-A, 103-B, 104-B, 105-A, 106-B, 107-B, 108-C, 109-B, 110-A, 111-B, 112-A, 113-B, 114-B, 115-B, 116-A, 117-A, 118-A, 119-C, 120-C, 121-B, 122-A, 123-B, 124-B, 125-A, 126-A, 127-B, 128-A, 129-B, 130-A, 131-B, 132-B, 133-B, 134-B, 135-B, 136-B, 137-A, 138-B, 139-A, 140-B, 141-A, 142-B, 143-B, 144-A, 145-A, 146-C, 147-A, 148-B, 149-A, 150-B, 151-C, 152-A, 153-A, 154-B, 155-B, 156-A, 157-A, 158-A, 159-A, 160-B, 161-B, 162-B, 163-B, 164-A, 165-B, 166-B, 167-A, 168-B, 169-B, 170-A, 171-C, 172-C, 173-A, 174-A, 175-B, 176-B, 177-B, 178-A, 179-A, 180-B, 181-B, 182-B, 183-B, 184-A, 185-A, 186-B, 187-A, 188-B, 189-A, 190-B, 191-B, 192-B, 193-B, 194-A, 195-A