PN CADET

For armed forcee

INTELLIGENCE NOTE:

Find the odd one out: Cat, Dog, Cow, Chair

👉 **Answer: Chair**

⬜ Which is different? Red, Blue, Yellow, Circle

👉 **Answer: Circle**

⬜ If 2 + 3 = 25, 3 + 4 = 49, 4 + 5 = 81, then 5 + 6 = ?

👉 **Answer: 121** (pattern: $(a+b)^2$)

⬜ Which word is opposite of "Rigid"?

👉 **Answer: Flexible**

⬜ Hand : Glove :: Foot : ?

👉 **Answer: Shoe**

⬜ Which is next in series: 2, 4, 8, 16, ?

👉 **Answer: 32**

⬜ Book : Read :: Pen : ?

👉 **Answer: Write**

⬜ Father : Son :: Mother : ?

👉 **Answer: Daughter**

⬜ Which is different? Mango, Banana, Apple, Potato

👉 **Answer: Potato**

⬜ C is to D as X is to ?

👉 **Answer: Y**

⬜ If 12 → 21, 34 → 43, then 56 → ?

👉 **Answer: 65**

⬜ Cow : Milk :: Hen : ?

👉 **Answer: Egg**

⬜ Which is opposite of "Victory"?

👉 **Answer: Defeat**

⬜ Which is similar to "Tiny"?

👉 **Answer: Small**

⬜ Which is next in series: 1, 4, 9, 16, 25, ?

☞ **Answer: 36**

⬜ Fish : Water :: Bird : ?

☞ **Answer: Air**

⬜ Odd one out: Sun, Moon, Earth, Star

☞ **Answer: Earth**

⬜ Which is next in series: A, C, E, G, ?

☞ **Answer: I**

⬜ Which word is opposite of "Brave"?

☞ **Answer: Coward**

⬜ 5, 10, 20, 40, ?

☞ **Answer: 80**

⬜ Car : Road :: Ship : ?

☞ **Answer: Sea**

⬜ Winter : Cold :: Summer : ?

☞ **Answer: Hot**

⬜ Which is different? Iron, Gold, Silver, Wood

☞ **Answer: Wood**

⬜ Which is synonym of "Rapid"?

☞ **Answer: Fast**

⬜ Which is next in series: 100, 90, 80, 70, ?

☞ **Answer: 60**

26. Choose missing figure: Square → Triangle → Circle → ?

   ☞ **Answer: Rectangle**

27. Mirror image of "DOG"?

   ☞ **Answer: GOD (reversed)**

28. If ▲ = 3, ■ = 4, then ▲ + ■ = ?

   ☞ **Answer: 7**

29. Which figure is odd? (●, ⬜, ▲, A)

   ☞ **Answer: A (letter, not shape)**

30. Which comes next: →, ↑, ←, ?

   ☞ **Answer: ↓**

31. Paper folded into half then cut → open shape? (butterfly type)

👉 **Answer: Symmetrical figure**

32. Odd one out: Circle, Oval, Cube, Sphere

👉 **Answer: Cube**

33. Complete series: 2, 6, 12, 20, ?

👉 **Answer: 30** (pattern $n^2 + n$)

34. Which is next: 1, 2, 4, 7, 11, ?

👉 **Answer: 16** (+1, +2, +3, +4, …)

35. Fill in blank: 3, 6, 12, 24, ?

👉 **Answer: 48**

36. Pattern: ■ ▲ ■ ▲ ?

👉 **Answer: ■**

37. Which shape is different: Square, Rectangle, Triangle, Pentagon

👉 **Answer: Triangle**

38. Missing number: 9, 16, 25, ?

👉 **Answer: 36**

39. Clock hands at 3:00 = ? angle

👉 **Answer: 90°**

40. Which is odd? Dog, Horse, Cow, Sparrow

👉 **Answer: Sparrow**

41. Pattern: 2, 5, 10, 17, 26, ?

👉 **Answer: 37** (+3, +5, +7, +9, …)

42. Which is mirror image of "7"?

👉 **Answer: ٢**

43. If ▲=5, ○=10, ■=15 → ○+■=?

👉 **Answer: 25**

44. Find next: 11, 13, 17, 19, 23, ?

👉 **Answer: 29 (prime numbers)**

45. Odd one: Cube, Sphere, Cone, Circle

👉 **Answer: Circle**

46. If 5=25, 6=36, 7=49 → 8=?

👉 **Answer: 64**

47. Pattern: Z, X, V, T, ?

☞ **Answer: R (backward odd letters)**

48. If in code CAT=3120 → BAT=?

☞ **Answer: 2120**

49. Odd one: Apple, Orange, Grapes, Carrot

☞ **Answer: Carrot**

50. Which is next in sequence: 3, 9, 27, 81, ?

☞ **Answer: 243**

51. ☐ Choose the correct synonym of "Begin":

☞ **Start**

52. ☐ Opposite of "Truth":

☞ **Lie**

53. ☐ Correct form: She ___ to school every day.

☞ **goes**

54. ☐ Find the error: He don't like tea.

☞ **don't → doesn't**

55. ☐ Choose correct spelling:
(a) Recieve (b) Receive (c) Receeve (d) Receiv

☞ **Receive**

56. ☐ Choose correct tense: They ___ playing football yesterday.

☞ **were**

57. ☐ Passive voice: He wrote a letter.

☞ **A letter was written by him.**

58. ☐ Narration: He said, "I am happy."

☞ **He said that he was happy.**

59. ☐ Opposite of "Polite":

☞ **Rude**

60. ☐ Fill in blank: Ali is taller ___ Ahmed.

☞ **than**

61. ☐ Which is noun?

☞ **Book**

62. ☐ Which is adjective?

☞ **Beautiful**

63. ☐ Opposite of "Strong":

☞ **Weak**

64. ☐ Correct sentence: She has been living here ___ 2010.

☞ **since**

65. ☐ Opposite of "Permanent":
👉 **Temporary**

66. If $2x = 10 \rightarrow x = ?$
👉 **5**

67. Value of $\sqrt{144} = ?$
👉 **12**

68. $\sin^2\theta + \cos^2\theta = ?$
👉 **1**

69. If $3x + 5 = 20 \rightarrow x = ?$
👉 **5**

70. $(a+b)^2 = ?$
👉 **$a^2 + 2ab + b^2$**

71. $1/4 + 1/2 = ?$
👉 **3/4**

72. Tan 45° = ?
👉 **1**

73. LCM of 12 and 18 = ?
👉 **36**

74. If speed = 60 km/h, time = 2 hours → distance = ?
👉 **120 km**

75. Area of circle (r=7 cm) = ?
👉 **154 cm² (πr^2)**

76. If $x^2 = 49 \rightarrow x = ?$
👉 **±7**

77. Cos 0° = ?
👉 **1**

78. Average of 5, 10, 15 = ?
👉 **10**

79. If a=2, b=3 → $(a+b)^2 = ?$
👉 **25**

80. If perimeter of square = 40 cm → side = ?
👉 **10 cm**

81. ⸻

82. ◈ **Physics MCQs (81–90)**

83. Force = ?
👉 **Mass × Acceleration**

84. SI unit of work = ?
👉 **Joule**

85. Speed of light = ?
👉 **3×10^8 m/s**

86. Acceleration due to gravity (g) on Earth = ?

☞ **9.8 m/s²**

87. Heat is a form of?

☞ **Energy**

88. Unit of Power = ?

☞ **Watt**

89. Ohm's law: V = ?

☞ **IR**

90. Which is a scalar quantity?

☞ **Mass**

91. Lens used in magnifying glass?

☞ **Convex lens**

92. Unit of frequency = ?

☞ **Hertz (Hz)**

93. _____

94. ◈ **General Knowledge MCQs (91–100)**

95. Founder of Pakistan = ?

☞ **Quaid-e-Azam Muhammad Ali Jinnah**

96. First Prime Minister of Pakistan = ?

☞ **Liaquat Ali Khan**

97. Capital of Pakistan = ?

☞ **Islamabad**

98. National poet of Pakistan = ?

☞ **Allama Iqbal**

99. Current Chief of Naval Staff (2025) = ?

☞ **Admiral Hasan Binagi**

100. UNO headquarters = ?

☞ **New York, USA**

101. Pakistan got independence on?

☞ **14 August 1947**

102. OIC headquarters = ?

☞ **Jeddah, Saudi Arabia**

103. National language of Pakistan = ?

☞ **Urdu**

104. World's highest mountain peak = ?

☞ **Mount Everest**

Academic NOTE :

101. Total Surahs in Quran = ?

☞ **114**

102.   Longest Surah of Quran = ?
👉 **Surah Al-Baqarah**

103.   Shortest Surah of Quran = ?
👉 **Surah Al-Kawthar**

104.   First revealed Surah = ?
👉 **Surah Al-Alaq (Iqra)**

105.   Last revealed Surah = ?
👉 **Surah Al-Nasr**

106.   Total Rukus in Quran = ?
👉 **558**

107.   First Kalima is called?
👉 **Tayyaba**

108.   Namaz-e-Janaza has how many Takbeers?
👉 **4**

109.   Which Prophet is called "Khalilullah"?
👉 **Hazrat Ibrahim (A.S.)**

110.   Which Prophet was swallowed by a fish?
👉 **Hazrat Yunus (A.S.)**

111.   Battle of Badr took place in which Hijri year?
👉 **2 Hijri**

112.   Hazrat Abu Bakr (R.A.) was the ___ Caliph of Islam.
👉 **1st**

113.   Hazrat Usman (R.A.) was martyred in which Hijri year?
👉 **35 Hijri**

114.   Which Surah is called "Heart of Quran"?
👉 **Surah Yaseen**

115.   Zakat becomes obligatory if wealth is saved for?
👉 **1 year**

116.   Lahore Resolution passed in?
👉 **1940**

117.   Founder of Two-Nation Theory?
👉 **Sir Syed Ahmed Khan**

118. First constitution of Pakistan was passed in?
☞ **1956**

119. First martial law was imposed in Pakistan in?
☞ **1958**

120. Pakistan became nuclear power on?
☞ **28 May 1998**

121. First capital of Pakistan = ?
☞ **Karachi**

122. First Governor General of Pakistan = ?
☞ **Quaid-e-Azam Muhammad Ali Jinnah**

123. First female Prime Minister of Pakistan = ?
☞ **Benazir Bhutto**

124. First woman Governor of State Bank = ?
☞ **Shamshad Akhtar**

125. Who was first Commander-in-Chief of Pakistan Navy?
☞ **Rear Admiral James Wilfred**

126. Which port is called "Gate of Pakistan"?
☞ **Karachi Port**

127. National flower of Pakistan = ?
☞ **Jasmine**

128. National bird of Pakistan = ?
☞ **Chukar**

129. National animal of Pakistan = ?
☞ **Markhor**

130. National game of Pakistan = ?
☞ **Hockey**

131. ☐ UNO formed in which year?
☞ **1945**

132. ☐ NATO headquarters is in?
☞ **Brussels, Belgium**

133. ☐ World's largest ocean = ?
☞ **Pacific Ocean**

134. ☐ World's largest desert = ?
☞ **Sahara Desert**

135. ☐ World's longest river = ?
☞ **Nile River**

136. ☐ Currency of Japan = ?
☞ **Yen**

137. ☐ Currency of UK = ?
☞ **Pound Sterling**

138.   ☐ Currency of Saudi Arabia = ?
   ☞ **Riyal**

139.   ☐ Which country is called "Land of Rising Sun"?
   ☞ **Japan**

140.   ☐ Which country is called "Gift of Nile"?
   ☞ **Egypt**

141.   ☐ Which planet is called Red Planet?
   ☞ **Mars**

142.   ☐ Which planet is largest in Solar System?
   ☞ **Jupiter**

143.   ☐ How many players in a football team?
   ☞ **11**

144.   ☐ Olympic Games are held every ___ years.
   ☞ **4**

145.   ☐ World War II ended in?
   ☞ **1945**

146.   Current Prime Minister of Pakistan (2025) = ?
   ☞ **Shahbaz Sharif**

147.   Current President of Pakistan (2025) = ?
   ☞ **Asif Ali Zardari**

148.   Current Army Chief of Pakistan (2025) = ?
   ☞ **General Asim Munir**

149.   Current Air Chief of Pakistan (2025) = ?
   ☞ **Air Chief Marshal Zaheer Ahmed Babar Sidhu**

150.   Current Naval Chief of Pakistan (2025) = ?
   ☞ **Admiral Naveed Ashref**

151.   If 5x = 25 → x = ?
   ☞ **5**

152.   Value of $(3)^2 + (4)^2$ = ?
   ☞ **25**

153.   If perimeter of rectangle = 20, length = 6 → breadth = ?
   ☞ **4**

154.   1 km = ? meters
   ☞ **1000**

155.   25% of 200 = ?
   ☞ **50**

156.   If a train travels 120 km in 2 hours → speed = ?
   ☞ **60 km/h**

157. $\log_{10}(100)$ = ?
   ☞ **2**

158.   sin 90° = ?
👉 **1**

159.   cos 90° = ?
👉 **0**

160.   tan 0° = ?
👉 **0**

161.   Area of triangle with base 10, height 6 = ?
👉 **30**

162.   If $2x + 3 = 11 \rightarrow x = ?$
👉 **4**

163.   If $5^2 + 12^2 = ?$
👉 **169**

164.   Square root of 196 = ?
👉 **14**

165. $2/3 + 3/4 = ?$
👉 **17/12**

166.   Ratio of 2 hours to 30 minutes = ?
👉 **4 : 1**

167.   Average of 4, 8, 12, 16 = ?
👉 **10**

168.   HCF of 24 and 36 = ?
👉 **12**

169.   Solve: $(x – 3)(x – 2) = 0 \rightarrow x = ?$
👉 **2 or 3**

170.   If radius of circle = 14 → circumference = ?
👉 **88 (2πr)**

171.   Work done = Force × ?
👉 **Distance**

172.   Power = Work ÷ ?
👉 **Time**

173.   SI unit of charge = ?
👉 **Coulomb**

174.   SI unit of current = ?
👉 **Ampere**

175.   Which is vector quantity?
👉 **Velocity**

176.   Sound travels fastest in?
👉 **Solid**

177.   Pressure = Force ÷ ?
👉 **Area**

178. 1 horsepower = ?
☞ **746 watts**

179. Speed = Distance ÷ ?
☞ **Time**

180. Light year is a unit of?
☞ **Distance**

181. Velocity of sound in air = ?
☞ **343 m/s**

182. Which law states F = ma?
☞ **Newton's 2nd Law**

183. Gravitational force discovered by?
☞ **Newton**

184. Resistance unit = ?
☞ **Ohm**

185. Energy cannot be created nor destroyed → which law?
☞ **Law of Conservation of Energy**

186. Correct spelling:
☞ **Environment**

187. Opposite of "Success":
☞ **Failure**

188. Correct article: He is ___ honest man.
☞ **an**

189. Plural of "Child" = ?
☞ **Children**

190. Past tense of "Go" = ?
☞ **Went**

191. Past participle of "Eat" = ?
☞ **Eaten**

192. Fill in blank: She is fond ___ music.
☞ **of**

193. Opposite of "Friend":
☞ **Enemy**

194. Correct comparative: Big → ?
☞ **Bigger**

195. Correct superlative: Beautiful → ?
☞ **Most beautiful**

196. ☐ Largest country by area = ?
☞ **Russia**

197. ☐ Smallest country in the world = ?
☞ **Vatican City**

198. ☐ Fastest bird in the world = ?
☞ **Peregrine Falcon**

199. ☐ Pakistan's national anthem composer = ?
☞ **Hafeez Jalandhari**

200. ☐ First Nobel Prize winner from Pakistan = ?
☞ **Dr. Abdus Salam**