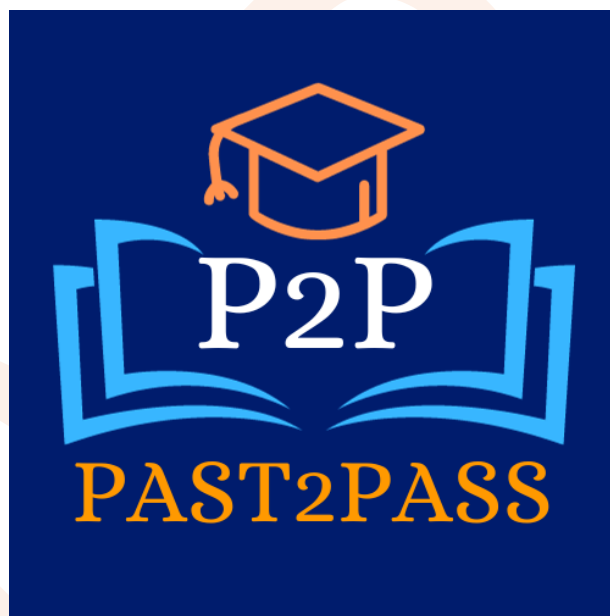


Dangote Cement

Aptitude Test

Questions and Answers



 <https://www.facebook.com/past2pass/>

 <https://www.instagram.com/past2pass/>

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VERBAL REASONING

1) Choose the word most opposite in meaning to "Expand":

- A. Enlarge
- B. Contract
- C. Increase
- D. Spread

Answer: **B. Contract**

2) Select the correctly spelled word:

- A. Recieve
- B. Receive
- C. Receeve
- D. Recive

Answer: **B. Receive**

3) Choose the sentence that is grammatically correct:

- A. She don't like reading.
- B. She doesn't likes reading.
- C. She doesn't like reading.
- D. She not like reading.

Answer: **C. She doesn't like reading.**

4) Synonym of "Courageous":

- A. Fearless
- B. Weak
- C. Timid
- D. Careful

Answer: **A. Fearless**

5) Antonym of "Scarce":

- A. Rare
- B. Plenty
- C. Empty
- D. Insufficient

Answer: **B. Plenty**

6) Identify the part of speech of "beautiful" in "She is beautiful."

- A. Noun
- B. Verb
- C. Adjective

D. Adverb

Answer: **C. Adjective**

7) Complete the sentence: "The meeting will start ____ 10 a.m."

A. On

B. At

C. By

D. In

Answer: **B. At**

8) Choose the correct option: "Neither the chairman nor his assistants ____ present."

A. Is

B. Are

C. Were

D. Have

Answer: **A. Is**

9) Choose the correct form: "He has lived here ____ 2010."

A. For

B. Since

C. By

D. From

Answer: **B. Since**

10) Pick the correct sentence:

A. She told me she is coming tomorrow.

B. She told me she was coming tomorrow.

C. She told me she would come tomorrow.

D. She told me she will come tomorrow.

Answer: **C. She told me she would come tomorrow.**

11) "He was elated after receiving the news." The word "elated" means:

A. Angry

B. Excited

C. Confused

D. Depressed

Answer: **B. Excited**

12) Synonym of "Generous":

A. Mean

B. Kind

C. Selfish

D. Harsh

Answer: **B. Kind**

13) Antonym of "Transparent":

A. Clear

B. Opaque

C. Bright

D. Thin

Answer: **B. Opaque**

14) Choose the correct phrase: "He congratulated me ____ my success."

A. For

B. On

C. With

D. At

Answer: **B. On**

15) Find the correctly punctuated sentence:

A. The CEO said "We will expand next year".

B. The CEO said, "We will expand next year."

C. The CEO, said "We will expand next year."

D. The CEO said "We will expand, next year."

Answer: **B. The CEO said, "We will expand next year."**

16) Choose the most suitable word: "The workers were ____ after a long day."

A. Exhausted

B. Exciting

C. Relax

D. Sleep

Answer: **A. Exhausted**

17) "To hit the nail on the head" means:

A. To make a mistake

B. To be exact

C. To hurt someone

D. To act in anger

Answer: **B. To be exact**

18) Antonym of "Permanent":

A. Constant

- B. Temporary
- C. Solid
- D. Lasting

Answer: **B. Temporary**

19) Synonym of "Abundant":

- A. Scarce
- B. Limited
- C. Plentiful
- D. Small

Answer: **C. Plentiful**

20) "She runs faster than ____ in her class."

- A. Any girl
- B. All girl
- C. Any other girl
- D. Every girl

Answer: **C. Any other girl**

21) Correct the error: "He is one of the boy who always plays."

- A. Boys
- B. Boy
- C. Played
- D. Playing

Answer: **A. Boys**

22) Choose the correct sentence:

- A. I look forward to meet you.
- B. I look forward to meeting you.
- C. I am looking forward meet you.
- D. I look forward meet you.

Answer: **B. I look forward to meeting you.**

23) Fill in the blank: "We arrived ____ the airport on time."

- A. To
- B. In
- C. At
- D. On

Answer: **C. At**

24) Which of these sentences is in passive voice?

- A. The manager approved the proposal.
- B. The proposal was approved by the manager.
- C. The manager is approving the proposal.
- D. The proposal approves the manager.

Answer: **B. The proposal was approved by the manager.**

25) Synonym of "Precise":

- A. Vague
- B. Exact
- C. Rough
- D. Guess

Answer: **B. Exact**

26) Antonym of "Victory":

- A. Success
- B. Triumph
- C. Loss
- D. Gain

Answer: **C. Loss**

27) Choose the correct preposition: "She depends ____ her parents."

- A. With
- B. For
- C. On
- D. From

Answer: **C. On**

28) "To go the extra mile" means:

- A. To do more than expected
- B. To travel far
- C. To delay work
- D. To rest longer

Answer: **A. To do more than expected**

29) Which word is a synonym of "Obsolete"?

- A. Modern
- B. Ancient
- C. Outdated

D. Advanced

Answer: **C. Outdated**

30) Antonym of "Deep":

A. Wide

B. Shallow

C. Low

D. Narrow

Answer: **B. Shallow**

31) Choose the correct sentence:

A. He prefer coffee to tea.

B. He prefers coffee to tea.

C. He prefer coffee than tea.

D. He prefers coffee than tea.

Answer: **B. He prefers coffee to tea.**

32) Find the correct spelling:

A. Seperate

B. Separate

C. Seperrate

D. Seperete

Answer: **B. Separate**

33) Choose the correct tense: "By next year, she ____ graduated."

A. Has

B. Will have

C. Will

D. Is

Answer: **B. Will have**

34) Antonym of "Ignorant":

A. Uninformed

B. Knowledgeable

C. Stupid

D. Simple

Answer: **B. Knowledgeable**

35) Choose the correct option: "The guests ____ already arrived."

A. Has

B. Have

- C. Is
- D. Was

Answer: **B. Have**

36) The opposite of "Optimistic" is:

- A. Cheerful
- B. Hopeful
- C. Pessimistic
- D. Positive

Answer: **C. Pessimistic**

37) Identify the correctly punctuated sentence:

- A. No, I can't attend.
- B. No I can't attend.
- C. No I, can't attend.
- D. No I can't, attend.

Answer: **A. No, I can't attend.**

38) Meaning of "Once in a blue moon":

- A. Very often
- B. Rarely
- C. Always
- D. Occasionally

Answer: **B. Rarely**

39) Choose the correct conjunction: "She was tired ____ she went to bed."

- A. So
- B. But
- C. Although
- D. Because

Answer: **A. So**

40) Choose the correct comparative form: "This road is ____ than that."

- A. Wide
- B. Widest
- C. Wider
- D. More wide

Answer: **C. Wider**

41) Choose the correct sentence:

- A. He prefer coffee to tea.

- B. He prefers coffee to tea.
- C. He prefer coffee than tea.
- D. He prefers coffee than tea.

Answer: **B. He prefers coffee to tea.**

42) Find the correct spelling:

- A. Seperate
- B. Separate
- C. Seperrate
- D. Seperete

Answer: **B. Separate**

43) Choose the correct tense: "By next year, she ____ graduated."

- A. Has
- B. Will have
- C. Will
- D. Is

Answer: **B. Will have**

44) Antonym of "Ignorant":

- A. Uninformed
- B. Knowledgeable
- C. Stupid
- D. Simple

Answer: **B. Knowledgeable**

45) Choose the correct option: "The guests ____ already arrived."

- A. Has
- B. Have
- C. Is
- D. Was

Answer: **B. Have**

46) The opposite of "Optimistic" is:

- A. Cheerful
- B. Hopeful
- C. Pessimistic
- D. Positive

Answer: **C. Pessimistic**

47) Identify the correctly punctuated sentence:

- A. No, I can't attend.
- B. No I can't attend.
- C. No I, can't attend.
- D. No I can't, attend.

Answer: **A. No, I can't attend.**

48) Meaning of "Once in a blue moon":

- A. Very often
- B. Rarely
- C. Always
- D. Occasionally

Answer: **B. Rarely**

49) Choose the correct conjunction: "She was tired ____ she went to bed."

- A. So
- B. But
- C. Although
- D. Because

Answer: **A. So**

50) Choose the correct comparative form: "This book is ____ than that one."

- A. Interestinger
- B. More interesting
- C. Most interesting
- D. Interestingest

Answer: **B. More interesting**

51) Choose the correct phrasal verb: "He ____ up early to catch the flight."

- A. Woke
- B. Wake
- C. Waking
- D. Woken

Answer: **A. Woke**

52) Choose the correct direct speech form: He said that he was leaving. Convert to direct speech.

- A. He said, "I am leaving."
- B. He said, "I were leaving."
- C. He said, "I was leaving."

D. He said, "He is leaving."

Answer: **A. He said, "I am leaving."**

53) Choose the correct sentence:

A. There is less people today.

B. There are fewer people today.

C. There is fewer people today.

D. There are less people today.

Answer: **B. There are fewer people today.**

54) Choose the correct preposition: "She is responsible ____ the project."

A. For

B. To

C. With

D. At

Answer: **A. For**

55) Which is the correct plural form?

A. Criterion → Criteria

B. Phenomenon → Phenomena

C. Datum → Datums

D. Index → Indexes (never indices)

Answer: **B. Phenomenon → Phenomena**

56) Choose the correct relative pronoun: "The man ____ car was stolen reported to the police."

A. Which

B. Who

C. Whose

D. Whom

Answer: **C. Whose**

57) Fill in the blank: "If I ____ you, I would apologize."

A. Was

B. Were

C. Am

D. Be

Answer: **B. Were**

58) Choose the synonym of "Obscure":

A. Clear

B. Vague

C. Famous

D. Bright

Answer: **B. Vague**

59) Choose the correctly punctuated sentence:

A. Its time to go.

B. It's time to go.

C. Its' time to go.

D. Its time, to go.

Answer: **B. It's time to go.**

60) Choose the correct word to complete: "She is taller ____ her sister."

A. As

B. Than

C. Like

D. From

Answer: **B. Than**

NUMERICAL REASONING

61) If $2x + 5 = 15$, find x.

A. 3

B. 4

C. 5

D. 6

Answer: **B. 5**

62) A car travels 60 km in 1 hour. How far will it travel in 4 hours?

A. 180 km

B. 240 km

C. 300 km

D. 360 km

Answer: **B. 240 km**

63) What is 25% of 200?

A. 25

B. 50

C. 75

D. 100

Answer: **B. 50**

64) If a rectangle has a length of 8 m and width of 3 m, what is its perimeter?

- A. 22 m
- B. 24 m
- C. 26 m
- D. 28 m

Answer: **B. 22 m**

65) Solve: $\frac{3}{5}$ of 250 = ?

- A. 100
- B. 125
- C. 150
- D. 200

Answer: **C. 150**

66) If the cost of 5 pens is ₦250, what is the cost of 8 pens?

- A. ₦300
- B. ₦350
- C. ₦400
- D. ₦450

Answer: **C. ₦400**

67) The average of 10, 20, 30, 40, and 50 is:

- A. 25
- B. 30
- C. 35
- D. 40

Answer: **C. 30**

68) A man buys an item for ₦6000 and sells it for ₦7500. What is his profit percentage?

- A. 20%
- B. 25%
- C. 30%
- D. 35%

Answer: **B. 25%**

69) Find the simple interest on ₦5000 at 10% per annum for 2 years.

- A. ₦500
- B. ₦800
- C. ₦1000

D. ₦1200

Answer: **C. ₦1000**

70) If 3 workers complete a job in 6 days, how long will 6 workers take (same rate)?

A. 2 days

B. 3 days

C. 4 days

D. 5 days

Answer: **B. 3 days**

71) What is the next number in the sequence: 3, 6, 12, 24, ?

A. 36

B. 40

C. 46

D. 48

Answer: **D. 48**

72) Solve for x: $7x - 21 = 0$.

A. 1

B. 2

C. 3

D. 4

Answer: **C. 3**

73) If 15% of a number is 45, find the number.

A. 250

B. 275

C. 300

D. 325

Answer: **C. 300**

74) The sum of the angles in a triangle is:

A. 90°

B. 120°

C. 180°

D. 360°

Answer: **C. 180°**

75) Convert 0.75 to a fraction.

A. $\frac{3}{4}$

B. $\frac{2}{3}$

C. $\frac{4}{5}$

D. $\frac{1}{2}$

Answer: **A. $\frac{3}{4}$**

76) Simplify: $(\frac{2}{3}) \times (\frac{9}{4})$.

A. $\frac{3}{2}$

B. 3

C. $\frac{4}{3}$

D. $\frac{2}{3}$

Answer: **A. $\frac{3}{2}$**

77) If a car covers 150 km in 3 hours, what is its speed?

A. 40 km/h

B. 45 km/h

C. 50 km/h

D. 55 km/h

Answer: **C. 50 km/h**

78) Find the median of: 4, 8, 6, 10, 12.

A. 6

B. 8

C. 9

D. 10

Answer: **B. 8**

79) $3x + 2y = 12$, find y if $x = 2$.

A. 2

B. 3

C. 4

D. 5

Answer: **B. 3**

80) $2^5 \div 2^2 = ?$

A. 2

B. 4

C. 6

D. 8

Answer: **D. 8**

81) A sum doubles in 5 years at simple interest. What is the rate per annum?

A. 10%

- B. 15%
- C. 20%
- D. 25%

Answer: **C. 20%**

82) Find the area of a circle with radius 7 cm ($\pi = 22/7$).

- A. 144 cm²
- B. 154 cm²
- C. 164 cm²
- D. 176 cm²

Answer: **B. 154 cm²**

83) The average of five consecutive even numbers is 36. The smallest number is:

- A. 28
- B. 30
- C. 32
- D. 34

Answer: **C. 32**

84) 60% of a number is 48. Find the number.

- A. 70
- B. 75
- C. 80
- D. 90

Answer: **C. 80**

85) Find the ratio of 3 hours to 45 minutes.

- A. 3:1
- B. 2:1
- C. 4:1
- D. 1:4

Answer: **C. 4:1**

86) If the population of a town increases by 10% yearly, what is the population after 2 years if current is 10,000?

- A. 11,000
- B. 12,000
- C. 12,100
- D. 12,210

Answer: **D. 12,210**

87) What is the square root of 256?

- A. 12
- B. 14
- C. 15
- D. 16

Answer: **D. 16**

88) If 5 men can do a job in 8 days, how many days will 10 men take?

- A. 2
- B. 3
- C. 4
- D. 5

Answer: **C. 4**

89) A train moves at 90 km/h. How long does it take to cover 180 km?

- A. 1 hour
- B. 1.5 hours
- C. 2 hours
- D. 2.5 hours

Answer: **C. 2 hours**

90) The difference between the simple interest and compound interest on ₦10,000 at 10% for 2 years is:

- A. ₦10
- B. ₦20
- C. ₦30
- D. ₦40

Answer: **D. ₦40**

91) What is 12% of ₦8000?

- A. ₦640
- B. ₦720
- C. ₦800
- D. ₦900

Answer: **B. ₦960**

92) If 8 workers produce 120 units in 5 days, how many units will 12 workers produce in 5 days?

- A. 150
- B. 160
- C. 180

D. 200

Answer: **C. 180**

93) Simplify: $(4^3 \times 4^2) \div 4^4$

A. 4

B. 8

C. 16

D. 1

Answer: **A. 4**

94) The perimeter of a square is 48 cm. Find the area.

A. 100 cm^2

B. 121 cm^2

C. 144 cm^2

D. 169 cm^2

Answer: **C. 144 cm^2**

95) A trader bought goods for ₦2500 and sold them at a loss of 10%. Find the selling price.

A. ₦2000

B. ₦2200

C. ₦2250

D. ₦2300

Answer: **C. ₦2250**

96) Solve for x: $9x = 81$.

A. 9

B. 8

C. 7

D. 10

Answer: **A. 9**

97) A car's fuel consumption is 8 litres per 100 km. How many litres for 350 km?

A. 24

B. 26

C. 28

D. 30

Answer: **C. 28**

98) The average of 6, 8, 10, and 12 is:

A. 8

B. 9

C. 10

D. 11

Answer: **C. 9**

99) Find 15% of ₦2000.

A. ₦200

B. ₦250

C. ₦300

D. ₦350

Answer: **B. ₦300**

100) The sum of first 10 natural numbers is:

A. 45

B. 50

C. 55

D. 60

Answer: **C. 55**

101) Convert $\frac{3}{8}$ to percentage.

A. 25%

B. 35%

C. 37.5%

D. 40%

Answer: **C. 37.5%**

102) Find the simple interest on ₦4000 at 5% per annum for 4 years.

A. ₦600

B. ₦700

C. ₦800

D. ₦900

Answer: **C. ₦800**

103) If 15 mangoes cost ₦450, what is the cost of 25 mangoes?

A. ₦650

B. ₦700

C. ₦750

D. ₦800

Answer: **C. ₦750**

104) The area of a triangle with base 10 cm and height 8 cm is:

A. 20 cm^2

B. 30 cm^2

C. 40 cm^2

D. 50 cm^2

Answer: **C. 40 cm^2**

105) Solve: $(15 + 25) \times 2 = ?$

A. 60

B. 70

C. 80

D. 90

Answer: **C. 80**

106) The ratio of 2 hours to 90 minutes is:

A. 3:2

B. 4:3

C. 5:3

D. 6:5

Answer: **B. 4:3**

107) A number is increased by 20% and becomes 60. Find the original number.

A. 40

B. 45

C. 48

D. 50

Answer: **D. 50**

108) What is $\frac{3}{4}$ of ₦3200?

A. ₦2100

B. ₦2200

C. ₦2300

D. ₦2400

Answer: **D. ₦2400**

109) A car travels at 80 km/h for 2.5 hours. Find the distance.

A. 160 km

B. 180 km

C. 200 km

D. 220 km

Answer: **C. 200 km**

110) Simplify: $0.25 \times 0.4 = ?$

- A. 0.01
- B. 0.05
- C. 0.10
- D. 0.15

Answer: **C. 0.10**

111) Find the compound interest on ₦10,000 at 5% per annum for 2 years.

- A. ₦500
- B. ₦510
- C. ₦520
- D. ₦525

Answer: **B. ₦510**

112) Find $\frac{3}{4}$ of 64.

- A. 42
- B. 46
- C. 48
- D. 50

Answer: **C. 48**

113) A man's salary is increased from ₦40,000 to ₦50,000. What is the percentage increase?

- A. 20%
- B. 22%
- C. 25%
- D. 30%

Answer: **C. 25%**

114) Convert 2.5 hours to minutes.

- A. 120
- B. 140
- C. 150
- D. 160

Answer: **C. 150**

115) Find the perimeter of a rectangle 10 cm by 5 cm.

- A. 25 cm
- B. 30 cm
- C. 35 cm

D. 40 cm

Answer: **D. 40 cm**

116) Simplify: $(18 \div 3) \times 2$.

A. 8

B. 10

C. 12

D. 14

Answer: **C. 12**

117) If a number is divided by 5 and gives 9, what is the number?

A. 40

B. 45

C. 50

D. 55

Answer: **B. 45**

118) 120 is 80% of what number?

A. 130

B. 140

C. 150

D. 160

Answer: **C. 150**

119) Find the HCF of 18 and 24.

A. 2

B. 3

C. 4

D. 6

Answer: **D. 6**

120) Simplify: $(5^2 \times 5^3) \div 5^4$

A. 5

B. 10

C. 15

D. 25

Answer: **A. 5**

121) If ALL cats are animals and SOME animals are not pets, which of the following is true?

A. All cats are pets

B. Some cats are not pets

C. No animal is a cat

D. All pets are cats

Answer: **B. Some cats are not pets**

122) Choose the next number in the series: 3, 6, 12, 24, 48, ?

A. 72

B. 96

C. 100

D. 120

Answer: **B. 96**

123) If $A = 1$, $B = 2$, $C = 3$, then $Z = ?$

A. 25

B. 26

C. 27

D. 30

Answer: **B. 26**

124) Find the missing term: 5, 10, 20, 40, ?

A. 50

B. 60

C. 70

D. 80

Answer: **D. 80**

125) If all squares are rectangles, and all rectangles are shapes, then all squares are:

A. Circles

B. Shapes

C. Lines

D. Triangles

Answer: **B. Shapes**

126) Choose the odd one out: 2, 4, 8, 16, 20.

A. 2

B. 4

C. 8

D. 20

Answer: **D. 20**

127) In a certain code, $CAT = 24$, $DOG = 26$. What is BAT ?

A. 22

- B. 23
- C. 25
- D. 27

Answer: **B. 23**

128) A is the father of B, but B is not the son of A. How is that possible?

- A. B is A's daughter
- B. B is A's friend
- C. B is A's wife
- D. B is A's sister

Answer: **A. B is A's daughter**

129) If in a certain code, ROAD = QNZC, what is PATH?

- A. OZSG
- B. OYSG
- C. OYRF
- D. OZRF

Answer: **B. OYSG**

130) The next letter in the sequence: A, C, F, J, O, ?

- A. Q
- B. R
- C. S
- D. U

Answer: **C. S**

131) Find the missing number: 1, 4, 9, 16, 25, ?

- A. 30
- B. 35
- C. 36
- D. 40

Answer: **C. 36**

132) Which figure completes the pattern? (Four shapes increasing sides: triangle, square, pentagon, ?)

- A. Hexagon
- B. Circle
- C. Rectangle
- D. Heptagon

Answer: **A. Hexagon**

133) If today is Wednesday, what day will it be 10 days later?

- A. Saturday
- B. Sunday
- C. Monday
- D. Friday

Answer: **B. Saturday**

134) In a certain code, BOOK = 52, PEN = 35, then NOTE = ?

- A. 60
- B. 61
- C. 62
- D. 63

Answer: **B. 61**

135) The relationship between 2 and 8 is the same as between 3 and:

- A. 9
- B. 15
- C. 27
- D. 18

Answer: **C. 27**

136) If "Some men are strong" and "All strong people are brave", which conclusion is valid?

- A. All men are brave
- B. Some men are brave
- C. No men are brave
- D. Some brave are not men

Answer: **B. Some men are brave**

137) What comes next: 7, 14, 28, 56, ?

- A. 84
- B. 100
- C. 112
- D. 120

Answer: **C. 112**

138) Choose the odd pair:

- A. Circle–Round
- B. Square–Sides
- C. Triangle–Angle

D. Line—Curved

Answer: **D. Line—Curved**

139) If $6 \times 3 = 18$ and $9 \times 2 = 18$, what does 12×1.5 equal?

A. 16

B. 17

C. 18

D. 19

Answer: **C. 18**

140) Choose the word most opposite to "Always":

A. Seldom

B. Never

C. Rarely

D. Occasionally

Answer: **B. Never**

141) If 'TREE' is coded as 'SQQD', how is 'BUSH' coded?

A. ATQG

B. ATRG

C. ATQF

D. ASRG

Answer: **A. ATQG**

142) If $2 \rightarrow 6$, $3 \rightarrow 12$, $4 \rightarrow 20$, then $5 \rightarrow ?$

A. 25

B. 30

C. 35

D. 40

Answer: **B. 30**

143) Which one does not belong: Mango, Apple, Orange, Potato.

A. Mango

B. Apple

C. Orange

D. Potato

Answer: **D. Potato**

144) If A is older than B, and B is older than C, who is youngest?

A. A

B. B

- C. C
- D. Cannot say

Answer: **C. C**

145) In a certain pattern: $3 \rightarrow 9$, $4 \rightarrow 16$, $5 \rightarrow 25$, then $6 \rightarrow ?$

- A. 30
- B. 35
- C. 36
- D. 40

Answer: **C. 36**

146) Find the missing number: 11, 13, 17, 19, 23, ?

- A. 24
- B. 25
- C. 27
- D. 29

Answer: **D. 29**

147) Which figure is next in sequence: $\blacktriangle, \blacksquare, \bullet, \blacktriangle, \blacksquare, ?$

- A. $\blacktriangle$
- B. $\blacksquare$
- C. $\bullet$
- D. $\blacksquare\blacksquare$

Answer: **C. $\bullet$**

148) What is the next term: 2, 4, 8, 16, 32, ?

- A. 48
- B. 50
- C. 60
- D. 64

Answer: **D. 64**

149) If in a code, 'CEMENT' = 36, what is 'DANGOTE'?

- A. 56
- B. 58
- C. 60
- D. 62

Answer: **C. 60**

150) If all cars are vehicles and some vehicles are bikes, which of the following must be true?

- A. All cars are bikes

B. Some vehicles are cars

C. No vehicle is car

D. All bikes are cars

Answer: **B. Some vehicles are cars**

151) Choose the odd one: 121, 144, 169, 180.

A. 121

B. 144

C. 169

D. 180

Answer: **D. 180**

152) If five friends sit in a row and A is to the left of B but right of C, who is in the middle if D is at extreme left and E at extreme right?

A. A

B. B

C. C

D. D

Answer: **A. A**

153) Which number logically completes the series: 1, 3, 6, 10, 15, ?

A. 18

B. 20

C. 21

D. 22

Answer: **C. 21**

154) The opposite of "valid" is:

A. True

B. Right

C. False

D. Invalid

Answer: **D. Invalid**

155) A cube has how many edges?

A. 8

B. 10

C. 12

D. 14

Answer: **C. 12**

156) Find the missing term: 2, 6, 12, 20, 30, ?

- A. 36
- B. 40
- C. 42
- D. 44

Answer: **C. 42**

157) If the statement “All engineers are logical” is true, then “Some logical people are engineers” is:

- A. True
- B. False
- C. Uncertain
- D. Invalid

Answer: **A. True**

158) What is next in the pattern: A1, C3, E5, G7, ?

- A. H8
- B. I9
- C. J9
- D. I8

Answer: **B. I9**

159) Choose the odd word:

- A. January
- B. March
- C. August
- D. Sunday

Answer: **D. Sunday**

160) Which number should come next: 1, 4, 9, 16, 25, 36, ?

- A. 42
- B. 43
- C. 44
- D. 49

Answer: **D. 49**

161) If all rectangles are squares and all squares are circles, which is true?

- A. All circles are rectangles
- B. All squares are rectangles
- C. All rectangles are circles

D. All circles are triangles

Answer: **C. All rectangles are circles**

162) In a certain code, JUNE = KVQF. What is MAY?

A. NBZ

B. MBZ

C. LBX

D. NCZ

Answer: **A. NBZ**

163) Find the odd one: 4, 8, 16, 20, 32.

A. 4

B. 8

C. 16

D. 20

Answer: **D. 20**

164) Which pair is similar to the relationship between “Teacher: School”?

A. Doctor: Hospital

B. Farmer: Shop

C. Soldier: Kitchen

D. Pilot: Restaurant

Answer: **A. Doctor: Hospital**

165) Which is the next in the sequence: 3, 9, 27, 81, ?

A. 108

B. 162

C. 243

D. 324

Answer: **C. 243**

166) A cube painted red on all sides is cut into 27 smaller cubes. How many small cubes have only one red face?

A. 6

B. 8

C. 12

D. 18

Answer: **D. 6**

167) What is the next term in the pattern: 2, 5, 10, 17, 26, ?

A. 35

- B. 36
- C. 37
- D. 38

Answer: **A. 37**

168) Which one does not belong: Table, Chair, Sofa, Window.

- A. Table
- B. Chair
- C. Sofa
- D. Window

Answer: **D. Window**

169) Find the missing term: 13, 26, 39, 52, ?

- A. 60
- B. 63
- C. 65
- D. 66

Answer: **C. 65**

170) If it takes 3 men 9 hours to build a wall, how long will it take 9 men (same rate)?

- A. 2 hours
- B. 3 hours
- C. 4 hours
- D. 5 hours

Answer: **B. 3 hours**

171) Identify the pattern: 4, 9, 19, 39, 79, ?

- A. 159
- B. 169
- C. 179
- D. 189

Answer: **A. 159**

172) Choose the next letter group: AZ, BY, CX, ?

- A. DW
- B. DV
- C. EU
- D. FW

Answer: **A. DW**

173) Find the missing number: 2, 3, 5, 8, 12, ?

- A. 15
- B. 16
- C. 17
- D. 18

Answer: **C. 17**

174) Which one is not a polygon?

- A. Triangle
- B. Circle
- C. Square
- D. Pentagon

Answer: **B. Circle**

175) If $a = 1$, $b = 2$, $c = 3$, then $cat = ?$

- A. 24
- B. 25
- C. 26
- D. 27

Answer: **C. 24**

176) Choose the odd number: 5, 25, 125, 625, 325.

- A. 5
- B. 25
- C. 125
- D. 325

Answer: **D. 325**

177) A man facing North turns 90° right, then 180° left. He now faces:

- A. East
- B. West
- C. North
- D. South

Answer: **B. West**

178) If $6 + 2 = 40$, $9 + 3 = 108$, then $8 + 4 = ?$

- A. 80
- B. 96
- C. 120

D. 144

Answer: **D. 144**

179) Complete the analogy: Water : Thirst :: Food : ?

A. Hunger

B. Energy

C. Drink

D. Eat

Answer: **A. Hunger**

180) A code represents "WORK" as "XPSL." How is "PLAY" written?

A. QMBZ

B. QLBX

C. RLBX

D. QMCZ

Answer: **A. QMBZ**

181) Choose the odd shape: Cube, Sphere, Cone, Circle.

A. Cube

B. Sphere

C. Cone

D. Circle

Answer: **D. Circle**

182) What comes next: 1, 2, 4, 7, 11, 16, ?

A. 20

B. 21

C. 22

D. 23

Answer: **B. 22**

183) Which statement is correct?

A. Some men are women

B. All men are women

C. No man is woman

D. Some women are men

Answer: **A. Some men are women**

184) Identify the relationship: Finger : Hand :: Toe : ?

A. Leg

B. Foot

- C. Knee
- D. Body

Answer: **B. Foot**

185) If all pencils are pens and all pens are tools, which statement is correct?

- A. All pencils are tools
- B. All tools are pencils
- C. Some tools are pencils
- D. No pencil is tool

Answer: **A. All pencils are tools**

186) If $15 \rightarrow 225$, $25 \rightarrow 625$, $35 \rightarrow ?$,

- A. 1050
- B. 1150
- C. 1225
- D. 1325

Answer: **C. 1225**

187) Which number comes next: 10, 20, 40, 80, ?

- A. 100
- B. 120
- C. 160
- D. 180

Answer: **C. 160**

188) If the opposite of South-East is:

- A. North-East
- B. North-West
- C. South-West
- D. North

Answer: **B. North-West**

189) Identify the odd one: Car, Bus, Train, Table.

- A. Car
- B. Bus
- C. Train
- D. Table

Answer: **D. Table**

190) In a certain code, SUN = TVO, then MOON = ?

- A. NQPO

- B. NPPO
- C. NPQP
- D. NOPQ

Answer: **A. NQPO**

191) A is mother of B. B is father of C. How is A related to C?

- A. Aunt
- B. Sister
- C. Grandmother
- D. Mother

Answer: **C. Grandmother**

192) What is next in the sequence: 5, 10, 20, 40, 80, ?

- A. 100
- B. 120
- C. 160
- D. 200

Answer: **C. 160**

193) Choose the word that does not belong: Square, Rectangle, Triangle, Circle.

- A. Square
- B. Rectangle
- C. Triangle
- D. Circle

Answer: **D. Circle**

194) If $2 \times 3 = 13$, $3 \times 4 = 25$, $4 \times 5 = 41$, find 5×6 .

- A. 55
- B. 61
- C. 65
- D. 67

Answer: **B. 61**

195) Choose the next letter in sequence: D, G, J, M, P, ?

- A. Q
- B. R
- C. S
- D. T

Answer: **B. S**

196) If BOX = 48, CAT = 36, then DOG = ?

- A. 40
- B. 42
- C. 45
- D. 46

Answer: **B. 42**

197) Which figure does not belong: Triangle, Square, Pentagon, Line.

- A. Triangle
- B. Square
- C. Pentagon
- D. Line

Answer: **D. Line**

198) Choose the next number: 9, 16, 25, 36, ?

- A. 42
- B. 45
- C. 48
- D. 49

Answer: **D. 49**

199) What comes next in the series: 100, 90, 80, 70, ?

- A. 60
- B. 65
- C. 68
- D. 75

Answer: **A. 60**

200) Choose the statement that follows: "All Dangote employees are workers. Some workers are engineers."

- A. All Dangote employees are engineers
- B. Some Dangote employees are engineers
- C. No Dangote employee is engineer
- D. All engineers are Dangote employees

Answer: **B. Some Dangote employees are engineers**

201) Choose the synonym of "Expand":

- A. Contract
- B. Enlarge
- C. Reduce

D. Decrease

Answer: **B. Enlarge**

202) Antonym of "Ancient":

A. Old

B. Historical

C. Modern

D. Past

Answer: **C. Modern**

203) Choose the correct sentence:

A. She is more better than her sister.

B. She is better than her sister.

C. She is best than her sister.

D. She is most better than her sister.

Answer: **B. She is better than her sister.**

204) "To spill the beans" means:

A. To waste food

B. To reveal a secret

C. To create confusion

D. To cook carelessly

Answer: **B. To reveal a secret**

205) Choose the correct preposition: "He is interested ____ music."

A. On

B. For

C. In

D. To

Answer: **C. In**

206) Which sentence is in past perfect tense?

A. She has finished her work.

B. She finished her work.

C. She had finished her work.

D. She finishes her work.

Answer: **C. She had finished her work.**

207) Antonym of "Bitter":

A. Sweet

B. Sour

C. Salty

D. Hot

Answer: **A. Sweet**

208) Choose the correctly spelled word:

A. Accomodate

B. Accommodate

C. Acomodate

D. Accomadate

Answer: **B. Accommodate**

209) The synonym of "Reluctant" is:

A. Willing

B. Hesitant

C. Certain

D. Eager

Answer: **B. Hesitant**

210) Antonym of "Artificial":

A. Fake

B. Genuine

C. False

D. Plastic

Answer: **B. Genuine**

211) Choose the word that best completes the sentence: "She spoke so softly that I could ____ hear her."

A. Hardly

B. Always

C. Never

D. Often

Answer: **A. Hardly**

212) Choose the correctly punctuated sentence:

A. What a lovely day it is.

B. What a lovely day it is!

C. What a lovely day it is,

D. What a lovely day, it is!

Answer: **B. What a lovely day it is!**

213) Antonym of "Visible":

- A. Clear
- B. Hidden
- C. Bright
- D. Open

Answer: **B. Hidden**

214) "To beat around the bush" means:

- A. To avoid the main topic
- B. To hunt animals
- C. To talk clearly
- D. To beat plants

Answer: **A. To avoid the main topic**

215) Choose the correct conjunction: "I will go out ____ it stops raining."

- A. And
- B. Until
- C. Unless
- D. If

Answer: **D. If**

216) Synonym of "Brief":

- A. Long
- B. Short
- C. Wordy
- D. Huge

Answer: **B. Short**

217) Antonym of "Success":

- A. Failure
- B. Progress
- C. Rise
- D. Win

Answer: **A. Failure**

218) Which is the correct question tag? "You're from Lagos, ____?"

- A. Are you
- B. Aren't you
- C. Do you

D. Don't you

Answer: **B. Aren't you**

219) Choose the correct option: "He has been working here ____ five years."

A. Since

B. By

C. For

D. From

Answer: **C. For**

220) Choose the synonym of "Diligent":

A. Lazy

B. Careless

C. Hardworking

D. Slow

Answer: **C. Hardworking**

CURRENT AFFAIRS

221) Who is the current President of Nigeria (as of 2025)?

A. Muhammadu Buhari

B. Bola Ahmed Tinubu

C. Atiku Abubakar

D. Yemi Osinbajo

Answer: **B. Bola Ahmed Tinubu**

222) Where is Dangote Cement headquarters located?

A. Abuja

B. Kano

C. Lagos

D. Ibadan

Answer: **C. Lagos**

223) Dangote Refinery is located in which part of Nigeria?

A. Epe

B. Lekki Free Trade Zone

C. Apapa

D. Ikorodu

Answer: **B. Lekki Free Trade Zone**

224) Nigeria gained independence in:

A. 1959

- B. 1960
- C. 1963
- D. 1970

Answer: **B. 1960**

225) The capital of Kogi State is:

- A. Lokoja
- B. Kabba
- C. Idah
- D. Okene

Answer: **A. Lokoja**

226) The current Minister of Power (2025) is:

- A. Sale Mamman
- B. Adebayo Adelabu
- C. Babatunde Fashola
- D. Goddy Jedy-Agba

Answer: **B. Adebayo Adelabu**

227) What is Nigeria's official currency?

- A. Dollar
- B. Pound
- C. Naira
- D. Rand

Answer: **C. Naira**

228) Who founded Dangote Group?

- A. Femi Otedola
- B. Mike Adenuga
- C. Aliko Dangote
- D. Abdulsamad Rabiu

Answer: **C. Aliko Dangote**

229) When was Dangote Cement founded?

- A. 1992
- B. 1995
- C. 2000
- D. 2003

Answer: **A. 1992**

230) Dangote Cement operates major plants in all except:

- A. Obajana
- B. Gboko
- C. Okpella
- D. Owerri

Answer: **D. Owerri**

231) The largest Dangote Cement plant is located in:

- A. Kogi State
- B. Ogun State
- C. Cross River State
- D. Kaduna State

Answer: **A. Kogi State**

232) Nigeria's National Assembly is made up of how many chambers?

- A. One
- B. Two
- C. Three
- D. Four

Answer: **B. Two**

233) The Nigerian Stock Exchange is now known as:

- A. NGX
- B. NSE
- C. NASDAQ
- D. NEXIM

Answer: **A. NGX**

234) What is the slogan of Dangote Group?

- A. Building the Future
- B. Touching Lives
- C. Enhancing Africa's Growth
- D. For a Better Tomorrow

Answer: **B. Touching Lives**

235) Who is the Governor of the Central Bank of Nigeria (as of 2025)?

- A. Godwin Emefiele
- B. Yemi Cardoso
- C. Lamido Sanusi

D. Aisha Ahmad

Answer: **B. Yemi Cardoso**

236) Nigeria is divided into how many geopolitical zones?

- A. 4
- B. 5
- C. 6
- D. 7

Answer: **C. 6**

237) Which Nigerian state is nicknamed the “Centre of Excellence”?

- A. Lagos
- B. Abuja
- C. Enugu
- D. Rivers

Answer: **A. Lagos**

238) What is the full meaning of GDP?

- A. Gross Domestic Product
- B. General Domestic Production
- C. Government Development Plan
- D. Global Development Policy

Answer: **A. Gross Domestic Product**

239) Nigeria’s main export product is:

- A. Cocoa
- B. Cement
- C. Crude Oil
- D. Palm Oil

Answer: **C. Crude Oil**

240) Which international football body governs the World Cup?

- A. UEFA
- B. CAF
- C. FIFA
- D. FA

Answer: **C. FIFA**

241) Dangote Group operates in all the following sectors except:

- A. Food
- B. Cement

C. Telecommunications

D. Energy

Answer: **C. Telecommunications**

242) The national flag of Nigeria consists of which colors?

A. Green and White

B. Red and Green

C. Green and Blue

D. White and Blue

Answer: **A. Green and White**

243) In what year was Aliko Dangote born?

A. 1953

B. 1957

C. 1959

D. 1961

Answer: **B. 1957**

244) The EFCC was established in which year?

A. 2000

B. 2003

C. 2005

D. 2007

Answer: **B. 2003**

245) Which of these is Nigeria's national carrier airline project?

A. Nigeria Fly

B. Air Naija

C. Nigeria Air

D. Air Africa

Answer: **C. Nigeria Air**

246) The Dangote Foundation focuses mainly on:

A. Education

B. Sports

C. Health and Nutrition

D. Fashion

Answer: **C. Health and Nutrition**

247) Nigeria's first female finance minister was:

A. Ngozi Okonjo-Iweala

- B. Kemi Adeosun
- C. Dora Akunyili
- D. Diezani Alison-Madueke

Answer: **A. Ngozi Okonjo-Iweala**

248) What is the capital city of Niger Republic?

- A. Niamey
- B. Bamako
- C. N'Djamena
- D. Ouagadougou

Answer: **A. Niamey**

249) The current Secretary-General of the United Nations (2025) is:

- A. António Guterres
- B. Ban Ki-Moon
- C. Kofi Annan
- D. Jens Stoltenberg

Answer: **A. António Guterres**

250) Dangote Cement is listed on which stock exchange?

- A. NYSE
- B. NGX
- C. LSE
- D. NASDAQ

Answer: **B. NGX**

251) Which of the following completes the analogy: Hand : Glove :: Foot : ?

- A. Sock
- B. Shoe
- C. Sandal
- D. Glove

Answer: **B. Shoe**

252) Find the next number in the series: 2, 5, 10, 17, 26, ?

- A. 34
- B. 36
- C. 37
- D. 38

Answer: **C. 37**

253) If in a code "PLANT" is written as "QNCVP", how is "STONE" written?

- A. TUPQF
- B. TQUPF
- C. TQPOF
- D. TUPOF

Answer: **D. TUPOF**

254) Which shape completes the sequence: ▲, ▲▲, ▲▲▲, ?

- A. ▲▲▲▲
- B. ▲▲
- C. ■■■
- D. ▲▲▲▲▲

Answer: **A. ▲▲▲▲**

255) A is twice as old as B. Five years from now, A will be 30. How old is B now?

- A. 10
- B. 12
- C. 15
- D. 20

Answer: **A. 10**

256) Choose the odd one out: 7, 11, 13, 15, 17.

- A. 7
- B. 11
- C. 15
- D. 17

Answer: **C. 15**

257) If the pattern is +2, +3, +4, +5..., what is the 6th term starting at 1?

- A. 16
- B. 18
- C. 20
- D. 21

Answer: **B. 18**

258) Which of the following is a logical conclusion from the statements: "All managers are employees. Some employees are trainers."

- A. Some managers are trainers
- B. All trainers are managers
- C. Some employees are managers

D. All employees are trainers

Answer: **C. Some employees are managers**

259) In a row of children, Tom is 4th from left and 7th from right. How many children are there?

A. 10

B. 11

C. 12

D. 13

Answer: **C. 12**

260) Identify the next figure in a matrix where each row shifts one place right: if row1 is ABC, row2 is BCA, row3 is ?

A. CAB

B. ABC

C. CBA

D. BAC

Answer: **A. CAB**

261) Which statement is logically inconsistent?

A. All birds can fly.

B. Penguins are birds.

C. Penguins cannot fly.

D. Some birds are flightless.

Answer: **A. All birds can fly**

262) Find the missing number: 14, 28, 20, 40, 32, ?

A. 64

B. 48

C. 44

D. 56

Answer: **C. 44**

263) If 4 workers take 6 days to finish a job, how many worker-days are required?

A. 10

B. 12

C. 24

D. 30

Answer: **C. 24**

264) Which of these completes the series of letters: Z, X, V, T, ?

A. R

- B. S
- C. Q
- D. P

Answer: **A. R**

265) A die is rolled twice. What is the probability of getting two even numbers?

- A. $\frac{1}{6}$
- B. $\frac{1}{4}$
- C. $\frac{1}{3}$
- D. $\frac{1}{2}$

Answer: **B. $\frac{1}{4}$**

266) If the code for "EARTH" is 5-1-18-20-8 (A=1, B=2...), what is the numeric code sum for "SOIL"?

- A. 57
- B. 56
- C. 55
- D. 54

Answer: **A. 57**

267) Pointing to a woman in the photo, John says, "Her mother is the only daughter of my grandfather." How is the woman related to John?

- A. Sister
- B. Aunt
- C. Cousin
- D. Mother

Answer: **A. Sister**

268) In a pattern of squares increasing by odd numbers: 1, 4, 9, 16, the next is?

- A. 20
- B. 25
- C. 27
- D. 30

Answer: **B. 25**

269) Which of these completes the analogy: River : Water :: Road : ?

- A. Cars
- B. Asphalt
- C. Transport

D. Surface

Answer: **A. Cars**

270) A logic puzzle: three boxes — one contains gold, others empty. Label says "Gold", "Empty", "Gold/Empty". All labels are wrong. You open the box labeled "Empty" and find gold. Which box actually contains gold?

- A. The one labeled "Gold"
- B. The one labeled "Empty"
- C. The one labeled "Gold/Empty"
- D. Not determinable

Answer: **B. The one labeled "Empty"**

271) Find the next in sequence (numbers increase by squares): 2, 6, 15, 31, ?

- A. 45
- B. 46
- C. 57
- D. 63

Answer: **B. 46**

272) Deductive reasoning: If every employee who works at Plant A wears helmet type X and John wears helmet type X, can we deduce John works at Plant A?

- A. Yes
- B. No
- C. Only if John is an employee
- D. Insufficient data

Answer: **B. No**

273) Which shape is rotationally symmetric at 180° ?

- A. Equilateral triangle
- B. Rectangle (not square)
- C. Regular pentagon
- D. Circle

Answer: **B. Rectangle (not square)**

274) If two angles of a triangle are 50° and 60° , the third is:

- A. 70°
- B. 60°
- C. 70°
- D. 80°

Answer: **C. 70°**

275) If $A \rightarrow B$ means A is taller than B and $B \rightarrow C$ means B is taller than C, which is true?

- A. A is taller than C
- B. C is taller than A
- C. A and C are same height
- D. Cannot say

Answer: **A. A is taller than C**

276) Abstract reasoning: which figure follows a two-step rotation and color inversion sequence?

(Given: black square, white circle, black square, ?)

- A. White circle
- B. Black circle
- C. White square
- D. Black triangle

Answer: **A. White circle**

277) A test of syllogism: Statement — All machines are tools. Some tools are electronic.

Conclusion: Some machines are electronic. Is conclusion:

- A. True
- B. False
- C. Possibly true
- D. Both true and false

Answer: **C. Possibly true**

278) If a pattern alternates +3, +5, +7, next after 20 is:

- A. 25
- B. 27
- C. 29
- D. 30

Answer: **C. 29**

279) Deductive: If "If it rains then ground is wet" and "ground is wet", can we deduce "it rained"?

- A. Yes
- B. No
- C. Only if no other source of wetness
- D. Insufficient data

Answer: **B. No**

280) Which completes the matrix logically: Row sums are equal; given rows $[2,5,3]=10$ and $[4,1,?]=10$; ? =

- A. 5
- B. 6
- C. 3
- D. 4

Answer: **A. 5**

281) Which series is non-arithmetic: 3, 7, 11, 15, ?

- A. Yes arithmetic
- B. No
- C. Depends
- D. Cannot say

Answer: **A. Yes arithmetic**

282) Inductive reasoning: observe sequence 2, 3, 5, 7, 11, next?

- A. 12
- B. 13
- C. 14
- D. 15

Answer: **B. 13**

283) If five consecutive integers sum to 75, the middle integer is:

- A. 13
- B. 14
- C. 15
- D. 16

Answer: **C. 15**

284) Abstract: which shape is the odd one out — all have four sides except one: rectangle, trapezoid, pentagon, square.

- A. Rectangle
- B. Trapezoid
- C. Pentagon
- D. Square

Answer: **C. Pentagon**

285) A deductive logic puzzle: If Paul always arrives before Q and Q arrives before R, who arrives last?

- A. Paul
- B. Q
- C. R

D. Cannot tell

Answer: **C. R**

286) Which number completes the pattern: 1, 1, 2, 3, 5, 8, ?

A. 10

B. 11

C. 13

D. 14

Answer: **C. 13**

287) Inductive: In a sequence each term is previous term multiplied by 2 and minus 1: starting 3
→ next is 5 → next is 9 → next?

A. 17

B. 18

C. 19

D. 20

Answer: **A. 17**

288) If two statements are mutually exclusive, their intersection is:

A. All elements

B. Some elements

C. None

D. Depends on universe

Answer: **C. None**

289) Abstract spatial reasoning: if a cube has three faces painted and then cut into smaller equal cubes, how many small cubes have exactly two painted faces? (3×3×3 overall)

A. 6

B. 12

C. 8

D. 0

Answer: **B. 12**

290) Deductive: From "All supervisors approve reports" and "Mary approves reports", can you conclude Mary is a supervisor?

A. Yes

B. No

C. Only if Mary works in that department

D. Insufficient data

Answer: **B. No**

291) Which option completes the alphanumeric sequence: A1, B2, D4, G7, ?

- A. K11
- B. J11
- C. K10
- D. L12

Answer: **A. K11**

292) Inductive: find next number 4, 7, 13, 25, ? (each term roughly double previous minus or plus)

- A. 49
- B. 51
- C. 52
- D. 53

Answer: **A. 49**

293) Abstract: choose the mirror image of letter "E" (vertical mirror).

- A. 3
- B. 3
- C. M
- D. W

Answer: **A. 3**

294) Deductive: If "No X are Y" and "All Z are X", then which is true?

- A. Some Z are Y
- B. No Z are Y
- C. All Y are Z
- D. Cannot say

Answer: **B. No Z are Y**

295) Which fills the blank: $81 = 3^4$, $256 = 4^4$, $625 = ?$

- A. 5^4
- B. 6^4
- C. 7^4
- D. 8^4

Answer: **A. 5^4**

296) Inductive: pattern of differences: 2, 5, 10, 17, differences 3,5,7 — next difference 9 so next term after 17 is:

- A. 26
- B. 27

C. 28

D. 29

Answer: **A. 26**

297) Abstract: which two shapes when combined make a rectangle? (Right triangle + right triangle)

A. Two congruent right triangles

B. Two isosceles triangles

C. Two circles

D. Two squares

Answer: **A. Two congruent right triangles**

298) Deductive: If "Some A are B" and "All B are C", then which must be true?

A. Some A are C

B. All A are C

C. No A are C

D. Some C are not A

Answer: **A. Some A are C**

299) Inductive pattern: letters skipping 1,2,3 positions: A (skip1) C (skip2) F (skip3) ?

A. J

B. K

C. I

D. H

Answer: **A. J**

300) Final reasoning: If the statements are "All cement mixers are machines" and "No machines are fragile", which conclusion is valid?

A. Some cement mixers are fragile

B. All cement mixers are fragile

C. No cement mixer is fragile

D. Cannot determine

Answer: **C. No cement mixer is fragile**