



Special TNTET

Paper 1 2026

Mathematics

Answer

Solutions





91. The number of even prime numbers between 1 and 50 is

a) 1

b) 25

c) 15

d) 2



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92. Ram brought 5 litre and 750 ml of water in a bottle to a picnic. His friend drank 1 litre 300 ml from it. How much water is remaining in the bottle?

a) 4540 ml

b) 4 litre 540 ml

c) 4 litre 450 ml

d) 4450 litre



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93. Match the following:

List - I		List - II	
a)	1 km	i)	800 mm
b)	1 mile	ii)	75,000 cm
c)	$\frac{3}{4}$ km	iii)	1,00,000 cm
d)	$\frac{4}{5}$ m	iv)	1.610 km

Choose the correct answer from the options below:

- A) a)-iv), b)-iii), c)-i), d)-ii) (B) a)-ii), b)-iii), c)-i), d)-iv)
- (C) a)-iii), b)-iv), c)-ii), d)-i) (D) a)-ii), b)-iv), c)-iii), d)-i)



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94. Two sisters were playing in a room. A pearl necklace of one of them got cut off. Out of the total pearls in the necklace, one-third fell down on the floor, one-fifth fell on the bed. while the pearls falling down one sister collects one-sixth and another collects one-fifteenth. If 70 pearls remain in the necklace then the total number of pearls in the necklace is:

a) 400 pearls

b) 250 pearls

c) 300 pearls

d) 350 pearls



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95. 1 hand span is equal to :

a) 24 fingers

b) 12 fingers

c) 6 fingers

d) 18 fingers



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96. Total number of diagonals in a cube :

a) 12

b) 8

c) 4

d) 16



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97. Statement (I): Number of unit squares in a rectangle of length 6 cm and breadth 2cm is 12.

Statement (II): Number of unit squares in a square of 4cm side is 8.

- a) Both Statement (I) and Statement (II) are correct.
- b) Both Statement (I) and Statement (II) are incorrect.
- c) Statement (I) is correct but Statement (II) is incorrect.
- d) Statement (I) is incorrect but Statement (II) is correct.



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98. Which of the following has $(x-1)$ as a factor?

a) $x^4 - 1$

b) $x^4 + 1$

c) $x^2 + 1$

d) $x^2 + 4x + 1$



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99. Next pattern in the following :

ADCE, ECGD, IBKC, MAOB, -----

a) QGTH b) QHNI c) QISJ d) QESF



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100. If the code (3, 4) (1, 5) (4, 2) is represent HAT and (2, 2) (4, 5) (3, 1) is RDX. Then the code

(3, 5) (1, 3) (5, 4) is represent by:

(A) HKY (B) BXR (C) FUA (D) CLK



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101. Statement (I): $5^0 < \sqrt{25} < (\sqrt[3]{125})^2 < (\sqrt[4]{125})^4$

Statement (II): $10^5 > 100^2 > 10^3 > 100 > 10^0$

(A) Both Statement (I) and Statement (II) are incorrect.

(B) Both Statement (I) and Statement (II) are correct.

(C) Statement (I) is correct, but Statement (II) is incorrect.

(D) Statement (I) is incorrect, but Statement (II) is correct.



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102. Which among the following rate of interest yields on interest of 270 for the principal of 1800 for one year?

(A) 10% (B) 20% (C) 25% (D) 15%



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103. Lakshmi needs 750ml of milk everyday. If a litre costs ₹50 what is the total amount spent by her for a month?

(a) ₹ 1152 (b) ₹ 1025 (c) ₹ 1125 (d) ₹ 1225



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104. An accurate clock shows 7 am. Through how many degrees will the hour hand rotate when the clock shows 1 pm?

(A) 90° (B) 180° (C) 200° (D) 110°



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105. A quadrilateral in which a pair of opposite sides are parallel is:

- (A) Parallelogram (B) Trapezium (C) Rhombus (D) Rectangle



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106. Match the following:

a) 1 tonne i) 8 grams

b) 1 quintal ii) 1000 g

c) 1 sovereign iii) 1000 kg

d) 1 kilogram iv) 100 kg

(A) (a)-(iii), (b)-(iv), (c)-(ii), (d)-(i)

(B) (a)-(iii), (b)-(iv), (c) - (i) (d)-(ii)

(C)(a)-(iii), (b)-(i), (c)-(iv), (d)-(ii)

(D) (a)-(iii), (b)-(ii), (c)-(i), (d)-(iv)



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107. Add 3 to the number. Then multiply by 7 and subtract 13 and divide now by 5 and the answer is 24 then the number is:

- (A) 14 (B) 19 (C) 15 (D) 16



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108. In a particular year, additionally we have two days Monday and Tuesday except from complete weeks, then the first day of the year will fall in:

(A) Sunday (B)Monday (C) Tuesday (D) Wednesday



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109. In 6 hours duration, with uniform decrease in temperature, the temperature dropped How many degrees did the 42°C . temperature drop each hour?

(A) 5°C (B) 6°C (C) 7°C (D) 8°C



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110. The clock is set at 6 a.m. If the clock slows down four minutes every hour. Find the time shown by the clock at 7 p.m.

(A) 6:52 p.m

(B) 6:52 a.m

(C) 5:52 a.m

(D) 6:08 p.m



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111. Father is 7 times as old of his son. After 3 years father will be 4 times as old as his son, then the present age of son and father respectively are:

- (A) 4,28 (B) 3, 21 (C) 5,35 (D) 6, 42



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112. A book was bought at ₹ 160 and sold at a loss of 10% then its selling price is:

- (A) ₹ 170 (B) ₹ 150 (C) ₹ 144 (D) ₹ 174



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113. The volume of the cube with side $(x + 5)$ cm is:

(A) $(x^3 + 15x^2 + 75x + 125) \text{ cm}^3$

(B) $(x^3 + 75x^2 + 15x + 125) \text{ cm}^3$

(C) $(x^3 + 125x^2 + 15x + 75) \text{ cm}^3$

(D) $(5x^3 + 15x^2 + 75x + 125) \text{ cm}^3$



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114. Kumar deposits $\frac{3}{4}$ part of ₹ 24,000 in a bank. He gives the remaining amount to his two

daughters equally. How much amount will they get individually?

(A) 6,000 (B) 3,000 (C) 4,500 (D) 4,000



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115. Given are the two statements:

Statement (I): A linear equation in two variables represents a straight line in 'xy'-plane.

Statement (II): $2y - 3 = 7$ a linear equation.

(A) Both Statements (I) and (II) are true. (B) Both Statements (I) and (II) are false.

(C) Statement (I) is true, but Statement (II) is false.

(D) Statement (I) is false, but Statement (II) is true.



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116. A total of 100 currency notes, consisting of ₹ 5 and ₹ 10 denominations amount to ₹ 600. Then the number of notes in each denomination is:

- (A) (60, 40) notes (B) (50, 50) notes (C) (80, 20) notes (D) (75, 25) notes



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117. Statement (I): A ratio has no unit.

Statement (II): Order of the terms in a ratio cannot be reversed.

In light of the above statements, choose the most appropriate answer from the options given below:

(A) Both Statement (I) and Statement (II) are correct.

(B) Both Statement (I) and Statement (II) are incorrect.

(C) Statement (I) is correct, but Statement (II) is incorrect

(D) Statement (I) is incorrect, but Statement (II) is correct



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118. The quarter share, half share and three-fourth share of ₹ 1,00,000 are respectively:

(A) ₹25,000 ₹ 50,000 ₹ 75,000

(B) ₹40,000 ₹ 20,000 ₹ 30,000

(C) ₹25,000 ₹5000 ₹30000

(D) ₹40,000 ₹ 25,000 ₹75,000



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119. Identify the incorrect statement:

(A) 0 is an even number

(B) 6 is a perfect number

(C) The total number of primes from 1 to 100 is 25

(D) 1 is either prime or composite



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120. Which is correct?

(A) $2.945 = \frac{579}{200}$

(B) $2.176 = \frac{272}{125}$

(C) $0.35 = \frac{5}{20}$

(D) $0.28 = \frac{7}{250}$



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THANK YOU

