



Campus K D Campus Pvt. Ltd							
21 (1) As							
	MOTOR						
	\$ * @ * #						
	And,						
	$u + \alpha \% \pi$ Similarly						
	M O T I O N						
	\$ * @ % * π						
22. (2)	23. (4) 24. (4) 25. (1)						
28. (3)	After the incident there was national and international outrage on a large scale due to which the Government of Punjab was compelled to create a 'Disorder Inquiry Committee'. This committee is also known as the Hunter committee as it was headed by Lord William Hunter, Senator of the College of Justice in Scotland.						
29. (2)	The Great Temple of Abu Simbel was dedicated to the Sun God. A most remarkable feature of the temple was that the rays of the rising sun shone into the temple, so it has been called the 'temple of the rising sun'.						
32. (2)	Plantation is a type of commercial farming. In this type of farming, a single crop is grown on a large area. The plantation has an interface of agriculture and industry. Plantations cover large tracts of land, using capital intensive inputs, with the help of migrant labourers. AH the produce is used as raw material in respective industries. In India, tea, coffee, rubber, sugarcane, banana, cashew, oil plam, coconut, spices etc are important plantation crops.						
34. (2)	The speed of light will be minimum while passing through glass because the optical density of glass is very high.						
35. (1)	The World Health Organization (WHO) launched the Global Initiative on Digital Health (GIDH) as part of India's G20 presidency. The initiative aims to democratize digital health technologies, featuring components such as a country needs tracker and a transformation toolbox.						
36. (3)	Akbar was the first Muslim ruler to coordinate the Haj Pilgrimage at the expense of the state and provide pilgrims with subsidies.						
39. (1)	The 'sphinx' is a mythological animal with the body of a lion and the head of man. Each sphinx was carved out of a single solid stone.						
40. (2)	The Pacific Ocean is the largest and deepest of the world ocean basins. Covering approximately 63 million square miles and containing more than half of the free water on Earth, the Pacific is by far the largest of the world's ocean basins.						
41. (2)	The urban population of the world is growing faster than Its rural population. This is mainly because of Rural-urban migration. Rural-urban migration is the movement of people from the countryside to the city.						
42. (2)	Narain joined with other opposition parties to form the Janata alliance to face Mrs. Gandhi's Congress party. Narain once again stood against her from the Rae Bareli constituency. He defeated her with a margin of more than fifty thousand votes.						
43. (4)	When a bullet is fired from a gun, the gun exerts a force on the bullet in the forward direction. This is force is called as the action force. The bullet also exerts an equal and opposite force on the gun in the backward direction. Therefore a gun recoils when a bullet is fired from it.						
44. (3)	Sodium thiosulphate Na2S2O3.5H2O is extensively used as 'hypo' in photography because of its ability to dissolve out excess of silver salts in a photographic paper. It is thus used to fix the image on the paper.						
45. (1)	Spleen is called the graveyard of RBCs because after completion of lifespan, RBCs are destroyed in spleen where they are ingested by free macrophages. About 2.5 million of RBCs are destructed in one second.						

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46.(4) Most remote controls send signal using infrared radiation, though some use radio waves instead. In infrared radiation TV and remote control have to be in straight line for functioning while in Radio waves TV can even be controlled from another room.  
47. (2) The Grammy Award (stylized as GRAMMY, originally called Gramophone Award), or just Grammy, is an award presented by the US Recording Academy to recognize "Outstanding Achievement in the music industry" of the United States.  
49. (2) As the name implies, a read-only memory(ROM) is a memory unit that performs the read operation only: it does not have a write capability.  
50. (1) Lough Neagh, the largest freshwater lake in the British Isles, faces an alarming cosystem collapse in 2024, marked by the absence of its native 
$$Q$$
, Sitting water.  
51. (1) Speed of train relative to man =  $45 + 5 - 50$  km/h =  $50 \times \frac{5}{18} < \frac{250}{18}$  m/s.  
51. (1) Speed of train relative to man =  $45 + 5 - 50$  km/h =  $50 \times \frac{5}{18} < \frac{250}{18}$  m/s.  
52. (2) Downstream Speed of boat =  $\frac{84}{2} = 21$  kmph  
53. (3) Length of platform =  $225 - \frac{500}{3} = \frac{175}{3} = 58 \frac{1}{3}$  m  
54. (2) Downstream Speed of boat =  $\frac{84}{6} = 14$  kmph  
Speed of train still water =  $(\frac{21 + 144}{2}) = 17.5$  kmph  
55. (3) Let the CP of 1 litre milk = x  
Profit - 25%  
Milk Water  
x  $1.25 - 0$  :  $(x-x/1.25)^{x}$ ,  $(x-x/1$ 









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**EXAMPLE 1000** COPOSITE MILERATE NAGAR POLICE STATION, OUTRAM LINES, GTE NAGAR, NEW DELHI- 69  
Subtract equation (ii) from (i),  

$$\frac{a^2 + ab + b^2 = 16}{2ab - 20}$$
  
 $ab = 10$   
72. (3) Total age of 80 boys = 80 × 19 = 1520  
Total age of 180 boys = 15 × 21 = 315  
Total age of 180 boys = 15 × 21 = 315  
Total age of 180 boys = 15 × 21 = 315  
Total age of 180 boys = 18 × 25 = 450  
Average of the remaining boys  
 $= \frac{1520 - (315 + 450)}{80 - (52 - 25)} = \frac{1520 - 765}{40} = 785}{40} = 18.875$  years  
73. (2) Percentage of expenditure on salary = 20%  
 $20\% = (2.8 \times \text{crores})$   
 $100\% = (\frac{2.8}{20} \times 100)$  crores = 14 crores  
Difference between expenditure incurred on advertisement and tax = (15 - 10)\% = 5%  
 $100\% = 14 \text{ crores}$   
 $5\% = (\frac{14000000}{100} \times 5) = 770 \text{ lakhs}$   
74. (3) The number of qualified students in 2011 and 2012 together = 2029 × 2 = 4058  
The number of qualified students in 2011 = 4058 - 4270 ×  $\frac{60}{100} = 4058 - 2562 = 1496$   
 $\therefore$  Required  $\% = \frac{1496}{2720} \times 100 = 55\%$   
75. (4) Required ratio =  $\frac{984122}{1224141} = \frac{220}{253} = \frac{20}{23} = 20 : 23$ 

Campus K D Campus Pvt. Ltd 1997, GROUND FLOOR OPPOSITE MUKHERJEE NAGAR POLICE STATION, OUTRAM LINES, GTB NAGAR, NEW DELHI – 09

## **MEANINGS IN ALPHABETICAL ORDER**

Autonomy	the right or condition of self-government	स्वशासन
Breed	a stock of animals or plants within a	नस्ल
	species having a distinctive appearance	
Broach	raise (a sensitive or difficult subject) for	एक संवेदनशील विषय पर
	discussion	चर्चा छेड़ देना
Broad	having an ample distance from side to side;	विस्तृत
	wide	
Constituent	a component part of something	घटक
Confer	grant or bestow	उपाधि प्रदान करना
	(a title, degree, benefit, or right)	
Confide	tell someone about a secret or private	गुप्त बात कहना
	matter	
Confined	limited to a certain extent	सीमित
Concede	admit that something is true or valid	स्वीकार करना
Desultory	lacking a plan, purpose, or enthusiasm	असंगत
Dung	the excrement of animals	गोबर
Eliminate	completely remove or get rid of something	उन्मूलन करना
Exemplary	serving as a desirable model	अनुकरणीय
Faecal	relating to the solid waste passed out of	मल-मूत्र संबंधी
	the body of a human or animal through	
	the bowels	
Feign	pretend to be affected by (a feeling, state,	बहाना करना
	or injury)	
Hazard	a danger or risk	खतरा
Immaculate	perfectly clean, neat, or tidy	बेदाग
Magnitude	the great size or extent of something	परिमाण, मात्रा
Parity	the state or condition of being equal	समता
Parasites	an organism that lives in or on another	परजीवी
	organism (its host) and benefits by deriving	
	nutrients at the host's expense.	
Pathogens	a bacterium, virus, or other microorganism	एक जीवाणु, वायरस या
	that can cause disease	अन्य सूक्ष्मजीव जिनसे
		बामारी फलती है
Privy	informed of something secret or private	किसी गूढ़ बात से परिचित
Sprout	a shoot of a plant	अकुर
Sterilised	something made free from bacteria or	कोटाणुरहित
	other living microorganisms	
Valour	great courage in the face of danger	साहस
Venerable	accorded a great deal of respect	आदरणीय
Visceral	of or relating to the viscera	आत संबंधा

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Campus

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КX

## SSC MOCK TEST - 428 (ANSWER KEY)

1. 2. 3.	(1) (4) (4)	26. (2) 27. (3) 28. (3)	51. (1) 52. (2) 53. (3)	76. (2) 77. (4) 78. (3)
4.	(2)	29. (2)	54. (2)	79. (2)
5.	(2)	30. (1)	55. (2)	80. (4)
6.	(3)	31. (1)	56. (3)	81. (1)
7.	(4)	32. (2)	57. (4)	82. (1)
8.	(1)	33. (4)	58. (4)	83. (1)
9.	(1)	34. (2)	59. (2)	84. (2)
10.	(2)	35. (1)	60. (4)	85. (2)
11.	(1)	36. (3)	61. (1)	86. (1)
12.	(4)	37. (2)	62. (3)	87. (4)
13.	(3)	38. (3)	63. (2)	88. (2)
14.	(3)	39. (1)	64. (3)	89. (4)
15.	(1)	40. (2)	65. (4)	90. (3)
16.	(2)	41. (2)	66. (1)	91. (1)
17.	(1)	42. (2)	67. (2)	92. (3)
18.	(1)	43. (́4)	68. (3)	93. (4)
19.	(2)	44. (3)	69. (4)	94. (3)
20.	(3)	45. (1)	70.(1)	95. (́4)
21.	(1)	46. (4)	71. (4)	96. (1)
22.	(2)	47. (2)	72. (3)	97. (1)
23.	(4)	48. (4)	73. (2)	98. (2)
24.	(4)	49. (2)	74. (3)	99. (3)
25.	(1)	50. $(1)$	75. (4)	100. (1)
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- 76. (2) Replace 'his' by 'their' as it comes for its antecedent 'those players'.
- 77. (4) No error
- 79. (2) 'Brood over' means 'to worry anxiously or be despondent about something or someone'.
- 86. (1) Change 'the riches' into 'the rich'. 'Riches' means 'money'.
- 87. (4) No improvement
- 90. (2) The correct spelling of 'Beleive' is 'Believe'.
- 91. (2) The correct spelling of 'Anearobic' is 'Anaerobic'.

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