





NATIONAL LEVEL SCIENCE TALENT SEARCH EXAMINATION

CLASS - 3

Question Paper Code : 1B107

KEY

1.0	2. C	2 0			6 D	7 .	ο Λ		10 D
1. C	2. C	э. р	4. C	5. C	0. Б	7. A	0. A	9. Б	10. D
11. D	12. C	13. A	14. C	15. D	16. B	17. Del	18. C	19. D	20. A
21. C	22. D	23. D	24. D	25. D	26. A	27. B	28. C	29. A	30. D
31. C	32. B	33. B	34. A	35. C	36. C	37. C	38. A	39. B	40. D
41. C	42. B	43. B	44. C	45. C	46. C	47. D	48. D	49. C	50. A
51. D	52. C	53. A	54. C	55. B	56. D	57. B	58. D	59. A	60. A

SOLUTIONS

MATHEMATICS

- 01. (C) Among the options only (C) shows correct venn diagram.
- 02. (C) Digit at ones place has same place value and face value. And, numbers 6592,8562 and 9082 has 2 at ones place.
- 03. (B) The greatest possible product of 2 digit by 1 digit is 99 × 9 = 981 (3 digit)



05. (C) $208 \div 3 = 69 \text{ R } 2$ $208 \div 4 = 52$ $208 \div 2 = 104$ $208 \div 5 = 41 \text{ R } 3$ 06. (B) Total number of equal parts = 10

Number of unshaded parts = 4

So, fraction of unshaded part = $\frac{4}{10}$

07. (A) Among the options only 8 is possible to replace the 💿

$$\frac{5}{9} < \frac{8}{9}$$

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GENERAL SCIENCE

- 26. (A) A crane is a wading bird.
- 27. (B) Soup and juice are liquid states of matter
- 28. (C) Trees give out water during the process of photosynthesis in the form of watervapour. This is called transpiration. Transpiration make us to feel cool under a big tree.
- 29. (A) Handlens magnify objects hence it is used to see the tiny pants of an insects.
- 30. (D) Topsoil, subsoil and bedrock soil form the soil profile.
- 31. (C) Arrow labelled 3 represents evaporation
- 32. (B) The moon is the closest neighbour to the earth than the stars. Hence the moon looks larger and bigger than the stars.
- 33. (B) In the given options option (B) is sparrow. The beak of sparrow is best adapted for cracking seeds.
- 34. (A) Tailor uses measuring tape for measuring clothes.
- 35. (C) A magnet attracts pins. It helps to pick them up without touching.
- 36. (C) Carrot is the root part of the plant.
- 37. (C) Fallen seed grows into a new plant.
- (A) A plant in a food chain make its own food. Hence they are called producers.
- 39. (B) A rabbit that eats carrot is a herbivore.
- (D) The sweet potato is a storage root plant. Besides helping to absorb water and mineral salts for the plant. It also stores food.
- 41. (C) The beak of the duck help to scoop fish.
- 42. (B) Millilitres and litres are the units used to measure the volume of liquid (I).
- 43. (B) When air is blown into the balloon, it occupies the space inside it.
- 44. (C) Plants with weak stems are called climbers. They need support to climb to get sunlight.

	45.	(C)	The heart, blood and blood vessels make			CRITICAL THINKING				
			up the circulatory system. The lungs and windpipe belong to the respiratory system.	56.	(D)	Let us assume two lawyers are lawyer A and lawyer B.				
46. ((C)	Insects have wings to fly, bat is a			If Lawyer A is the father of Lawyer B's son, then					
			mammal that has wings to fly and has wings to fly and has two legs, Whereas			Lawyer A is a man (since he is the father).				
			birds are the only living things that has feathers.			Lawyer B must be a woman (since the son must have a mother).				
	47.	(D)	The mushroom and bread mould can be grouped under fungi.			Therefore, Lawyer A is the father and Lawyer B is his wife (the mother of the son).				
	48.	(D)	The puppy is a living thing. It is able to bark, drinks milk and wag its tail. Having four legs does not necessarily mean that it is a living thing. The table has four	57.	(B)	Longest fish ate 4 flies and short fish ate 3 flies. So remaining 2 flies are eaten by medle fish.				
			it is a living thing. The table has four legs but it is not a living thing.	58.	(D)	From step 1 we get weight of circle.				
	49.	(C)	We get eggs from hens.							
	50.	(A)	Cheetah is the fastest running animal.							
	51.	(D)	All the animals in the box give birth to young, feed on plants and suckle younger			Therefore, 🔵 = 📃				
	50	(\mathbf{c})	ones.							
	52.	(C)	The leaves of pine tree are needle shaped. So that they can retain water & helps the trees to survive in winter.			\\ \\ \\ \\				
	53.	(A)	Birds push the wings against air.	59.	(A)					
	54.	(C)	Formation of water droplets on surface of tumbler is called condensation.	60.	(A)	4 + 3 + (6 × 2) + (1 + 1 + 1)				
	55.	(B)	Humus \rightarrow Topsoil \rightarrow Subsoil \rightarrow Bed			7 + 12 + 3 = 22				
			The	The End						

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