

51. The difference of 5671 and the number obtained on reversing its digits is

- (1) 3916 (2) 7436 (3) 3906 (4) 4906

52. Study the following pattern :

$$1 \times 1 = 1$$

$$11 \times 11 = 121$$

$$111 \times 111 = 12321$$

.....

.....

What is 11111×11111 ?

- (1) 123454321 (2) 123453421 (3) 1234321
(4) 123454321

53. Which of the following is correct ?

- (1) predecessor of predecessor of 1000 is 999
(2) Successor of predecessor of 1000 is 1001
(3) Successor of predecessor of 1000 is 1002
(4) predecessor of successor of 1000 is 1000.

54. A shop has 239 toys. Seventy more toys were brought in. Then 152 of them were sold. The number of toys left was

$$(1) 239 - 70 + 152$$

$$(2) 239 + 70 - 152$$

$$(3) 239 - 70 - 152$$

$$(4) 239 + 70 + 152$$

55. A pencil costs two and a half rupees. Amit buys one and a half dozen pencils and gives a 100-rupee note to the shopkeeper. The money he will get back is

$$(1) ₹ 65$$

$$(2) ₹ 30$$

$$(3) ₹ 55$$

$$(4) ₹ 45$$

56. In the product 3759×9573 , the sum of tens' digit and units' digit is

$$(1) 9$$

$$(2) 16$$

$$(3) 0$$

$$(4) 7$$

57. What time is 4 hours 59 minutes before 2 : 58 P.M. ?

$$(1) 10 : 01 \text{ A.M.}$$

$$(2) 9 : 59 \text{ P.M.}$$

$$(3) 9 : 57 \text{ A.M.}$$

$$(4) 9 : 59 \text{ A.M.}$$

58. 19 thousands + 19 hundreds + 19 ones is equal to

$$(1) 20919$$

$$(2) 19919$$

$$(3) 191919$$

$$(4) 21090$$

59. If 567567567 is divided by 567, the quotient is

$$(1) 10101$$

$$(2) 1001001$$

$$(3) 3$$

$$(4) 111$$

60. How many $\frac{1}{8}$ are in $\frac{1}{2}$?

$$(1) 4$$

$$(2) 2$$

$$(3) 16$$

$$(4) 8$$

Part III : ENVIRONMENTAL STUDIES

Directions : Answer the following questions by selecting the most appropriate option.

61. Weight-lifters are generally required to make more muscles and body mass. For this purpose, they need to take a diet which is rich in

- (1) Carbohydrates (2) Fats (3) Vitamins
(4) Proteins

62. Rekha's mother adds Phitkari (Alum) to water collected from the pond every day in order to

- (1) sediment light suspended impurities (2) change hard water into soft water (3) kill germs in water (4) decolourize water

63. Which one of the following teaching strategies will be most effective for maximum involvement of students in teaching the concept of food chain ?

- (1) Ask students to copy all examples of different food chains written on the black-board (2) Make play-cards of organisms and ask student groups to arrange them to depict different food chains (3) Ask students to explore possible food chains operating in different habitats (4) Ask students to collect related information from internet

64. In order to separate a mixture of sand and salt, which one of the following four sequences of processes has to be used ?

- (1) Evaporation, sedimentation, decantation, filtration (2) Decantation, sedimentation, evaporation, filtration (3) Sedimentation, decantation, filtration, evaporation (4) Filtration, decantation, evaporation, sedimentation

65. A Science teacher administered a test after teaching the topic on 'Respiration' and observed that majority of the students did not understand the difference between respiration and breathing. This could be due to the reason that

- (1) she was not their class teacher (2) the students could not understand the question correctly (3) there was usually lot of indiscipline in her class (4) she could not explain the related concept effectively in the class

66. Which one of the following is a good cooking practice ?

- (1) Cutting the vegetables and then washing these in running water (2) Keeping the vegetables in sunshine for some time before cutting and cooking (3) Cooking the vegetables by deep frying to kill bacteria (4) Washing the vegetables nicely and then cutting.

67. While teaching the topic on 'Air', an EVS teacher wanted to demonstrate that air has weight and occupies space. Her colleague suggested the following four different activities for this purpose to her :

- (a) place an empty inverted beaker on the surface of the water and start pressing it down
(b) Suck the juice through a straw
(c) Blow air in a balloon
(d) Tie two inflated balloons to a rod and establish equilibrium. Then puncture one of the balloons.