



INTERNATIONAL SCHOLASTIC TALENT TEST(ISTT) 2016

STD 9

Max. Marks: 100
Time: 2 Hrs.

Code No: F/090/16

Name:..... Reg. No:.....

All the answers should be marked in the answer sheet only.

Select the most suitable answer from the following options and write A,B,C or D in the answer sheet. (All the questions carry 2 marks each)

- As per the Right to Education Act the Government of India has ensured free and compulsory education for all those who are of the age of
A. 3 years
B. 5 years
C. 6 to 21 years
D. 6 to 14 years
- Who was the first Education Minister of free India?
A. Dr.S.Radhakrishnan
B. V.K.krishnan Menon
C. Moulana Abul Kalam Azad
D. Jawaharlal Nehru
- Have another cup of tea, ?
A. Won't you
B. Will you
C. Can't you
D. Didn't you
- It is important to practise everyday you are feeling tired.
A. even if
B. provided that
C. such as
D. in spite of
- Which computer memory is used for storing programs and data currently being processed by the CPU?
A. Mass memory
B. Internal memory
C. Non-volatile memory
D. None of these
- Which is the largest river basin in India?
A. Narmada basin
B. Kaveri basin
C. Ganga basin
D. Sindhu basin
- Liver fluke belong to the family of
A. Mollusca
B. Platyhelminthus
C. Echinodermata
D. Nematode
- Nerve cells are absent in
A. Hydra
B. Starfish
C. Sponges
D. Crab
- An example for complex permanent tissue is
A. Xylem
B. Parenchyma
C. Collenchymas
D. Sclerenchyma
- Which of the following is a heterogeneous mixture?
A. Milk
B. Air
C. Brass
D. Salt water
- What is the mass of one mole of oxygen molecule?
A. 8g
B. 16g
C. 32g
D. 48 g
- The mass of an object on earth is 12kg. What will be its weight on moon?
A. 117.6 newton
B. 98 newton
C. 107.6 newton
D. 12 newton

13. $\sqrt{10} \times \sqrt{15} = ?$
 A. $\sqrt{25}$ B. $5\sqrt{6}$
 C. $6\sqrt{5}$ D. None of these
14. If $x + y + z = 9$ and $xy + yz + 2x = 23$, then the value of $(x^3 + y^3 + z^3 - 3xyz) = ?$
 A. 108 B. 207
 C. 669 D. 729
15. The base of a pyramid is
 A. A triangle only B. A square only
 C. A rectangle only D. Any polygon
16. In the 2016 Olympics at Rio, who got maximum number of gold medals?
 A. Ussain Bolt B. PV Sindu
 C. Ivona Dadic D. Michael Phelps
17. In which year did the bombing at Nagasaki take place?
 A. 1944 B. 1945
 C. 1946 D. 1947
18. Who introduced the reign of terror in France?
 A. Louis XVI B. Robespierre
 C. John lock D. Napoleon
19. On which coast of India lies the Malabar coast?
 A. Western coast B. Eastern coast
 C. Southern coast D. Northern coast
20. Who is the minister for Local Administration of Kerala State?
 A. Dr.K.T.Jaleel B. Mathew T Thomas
 C. A.K.Balan D. Prof. Ravindranath

Cross matching. Select from column B. Write the letter against the question number

Column A

Column B

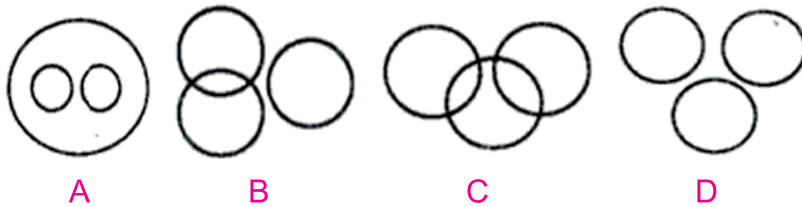
- | | | | |
|-----|----------|---|--------|
| 21. | Agra | A | Hoogly |
| 22. | Hardwar | B | Gomti |
| 23. | Lucknow | C | Ganga |
| 24. | Kolkatta | D | Jhelum |
| 25. | Srinagar | E | Yamuna |

Fill in the blanks.

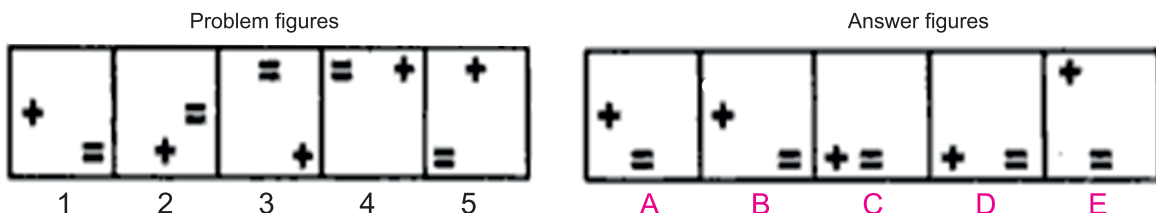
26. The full form of ISRO is
27. The name of famous heavy weight champion who died recently is
28. The seat of Kerala High Court is located at
29. The famous book 'Malgudy Days' was written by
30. The present Vice President of India is

Mental Ability and Logical Reasoning.

31. What least number must be added to 1056 so that the sum is completely divisible by 23?
 A. 2 B. 3 C. 18 D. 21
32. Taxonomy: Classification:: Pedology:?
 A. Nature B. Farming C. Soil D. Mountain
33. Odd one out. One is different from all others. Select it.
 A. Ear B. Lung C. Eye D. Heart E. Kidney
34. In a certain code '253' means ' books are old', '546' means ' man is old' and '378' means 'buy good books'. What stands for 'are' in the code.?
 A. 2 B. 4 C. 5 D. 6
35. Which one of the following four logical diagrams represent correctly the relationship between doctor, nurse, human being?

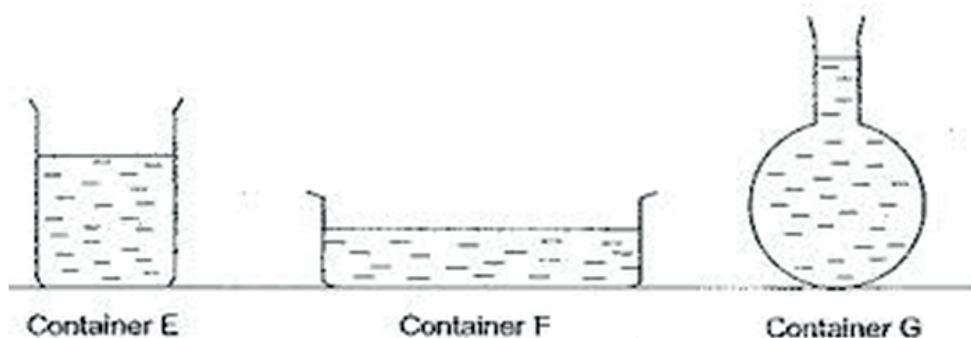


36. In a certain code , PAPER is written as SCTGW. How is MOTHER written in that code?
 A. ORVLGW B. PQVJCT C. PQXJJT D. PQXKJV
37. In a certain code language '526' means 'sky is blue' , '24' means 'blue colour' and '436' means 'colour is fun'. Which digit in that language means 'fun'?
 A. 5 B. 4 C. 3 D. 2
38. P,Q,R and S are playing a game of caroms. P, R and S, Q are partners. S is to the right of R who is facing west. Then Q is facing
 A. North B. South C. East D. West
39. Which figure continues the problem figures in the answer figures?

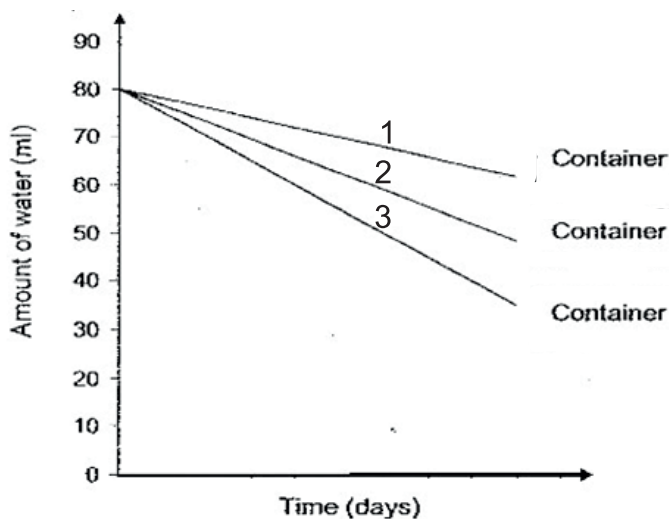


Activity.

Aman conducted an experiment to study the rate of evaporation of water placed in different containers. He poured 80 ml of water into each of the three containers E, F and G.



He placed the three containers on a table beside a window. He recorded the amount of water left in each container at regular intervals and plotted a graph as shown below.



45. Which is true about the graph?
- A. Graph 1, 2,3 represents container E, F,G respectively.
 - B. Graphs 1,2,3 represents the containers F, E, G.
 - C. Graphs 1,2,3 represents the containers G, E, F.
 - D. Graphs 1,2,3 represents the containers E, G, F.
46. This experiment shows that
- A. The less the surface area the more the evaporation.
 - B. Higher the surface area higher the evaporation.
 - C. Surface area has no effect on evaporation.
 - D. The shape of the container affects the rate of evaporation.

Comprehension.

But man is not destined to vanish. He can be killed, but he cannot be destroyed, because his soul is deathless and his spirit is irrepressible. Therefore, though the situation seems dark in the context of the confrontation between the superpowers, the silver lining is provided by amazing phenomenon that the very nations which have spent incalculable resources and energy for the production of deadly weapons are desperately trying to find out how they might never be used. They threaten each other, intimidate each other and go to the brink, but before the total hour arrives they withdraw from the brink.

47. The main point from the author's view is that
- A. Man's soul and spirit can not be destroyed by superpowers.
 - B. Man's destiny is not fully clear or visible.
 - C. Man's soul and spirit are immortal.
 - D. Human society will survive despite the serious threat of total annihilation.
48. The phrase 'Go to the brink' in the passage means
- A. Retreating from extreme danger.
 - B. Declare war on each other.
 - C. Advancing to the stage of war but not engaging in it.
 - D. Negotiate for peace.
49. In the author's opinion
- A. Huge stockpiles of destructive weapons have so far saved mankind from a catastrophe.
 - B. Superpowers have at last realized the need for abandoning the production of lethal weapons.
 - C. Mankind is heading towards complete destruction.
 - D. Nations in possession of huge stockpiles of lethal weapons are trying hard to avoid actual conflict.
50. 'Irrepressible' in the second line means
- A. incompatible.
 - B. strong.
 - C. oppressive.
 - D. unrestrainable.

INTERNATIONAL SCHOLASTIC TALENT TEST(ISTT) 2016

Answer Sheet STD 9

Name:Reg. No :

School :

- | | | |
|----------|----------|----------|
| 1. | 20. | 34. |
| 2. | 21. | 35. |
| 3. | 22. | 36. |
| 4. | 23. | 37. |
| 5. | 24. | 38. |
| 6. | 25. | 39. |
| 7. | 26. | 40. |
| 8. | | 41. |
| 9. | 27. | 42. |
| 10. | | 43. |
| 11. | 28. | 44. |
| 12. | | 45. |
| 13. | 29. | 46. |
| 14. | | 47. |
| 15. | 30. | 48. |
| 16. | | 49. |
| 17. | 31. | 50. |
| 18. | 32. | |
| 19. | 33. | |

