Sample Test Paper
Std 7 Moving

Part – I (Physics)

1. If a centimeter length is divided into 10 parts equally, What will be the length of each part?

(A) One millimeter   (B) One meter   (C) One kilometer   (D) One decimeter

2. Which type of motion is observed in a moving pendulum?

(A) Periodic   (B) Translatory   (C) Random   (D) Non-periodic

3. Which of the following is formed when light rays are blocked by an opaque object ?

(A) A convergent ray   (B) A divergent ray   (C) A reflected ray   (D) A shadow

4. What is the purpose of using a switch in an electric circuit?

(A) To increase the brightness of a bulb.   (B) To save electrical energy in the circuit.

(C) To prevent the melting of insulated wire.   (D) To complete the circuit.

5. Which material given is a conductor of heat and electricity?

(A) Silver   (B) Plastic   (C) Glass   (D) Wood

Passage (Question No. 6 to 8)

Take a comb in your right hand and put it to your hair and look at yourself in mirror. You can see your own face in the mirror. This is your mirror image.

6. In your mirror image you appear to be holding the comb in your :

(a) left hand   (b) right hand   (c) comb is not visible   (d) None of these

7. Images of an object formed in a pin hole camera and that in a mirror are :

(a) similar   (b) different   (c) angle of reflection   (d) All are incorrect

8. The image formed in a mirror is due to

[a] reflection of light   [b] bending of light   [c] Both the above   [d] None of these

Space for Rough Work
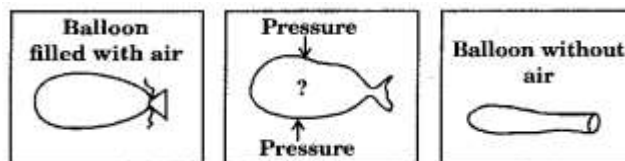
Part – II (Chemistry)

9. Which of the following processes are involved in converting cotton bolls into cotton fabric?

(A) Spinning, Knitting   (B) Weaving, Knitting   (C) Reeling, Weaving   (D) Ginning, Weaving

10. Which of these processes is invisible?

(A) Falling of leaves from trees   (B) Drying of wet clothes

(C) Shaping of wet clay into an article   (D) Counting numbers with fingers

11. Observe the given sequence of figures.

Which of these properties of air is observed in the given figures?

(A) Expansion   (B) Depression   (C) Absorption   (D) Compression

Part – III (Biology)

12. Which of the following sequences is arranged correctly in an increasing order of complexity in a multicellular organism?

(A) Tissue $\rightarrow$ Cell $\rightarrow$ Organ $\rightarrow$ System   (B) Organ $\rightarrow$ System $\rightarrow$ Tissue $\rightarrow$ Cell

(C) Cell $\rightarrow$ Tissue $\rightarrow$ Organ $\rightarrow$ System   (D) System $\rightarrow$ Cell $\rightarrow$ Tissue $\rightarrow$ Organ

13. An organism *X* can walk, climb on a wall or fly in air for a short distance. Which of the following could *X* be?

(A) Cockroach   (B) Snail   (C) Bat   (D) Snake

14. Which one of the following groups of vegetables includes only roots that are eaten as food is stored in them?

(A) Beetroot, Sugarcane, Ginger, Radish   (B) Potato, Carrot, Radish, Beetroot

(C) Carrot, Turnip, Radish, Beetroot   (D) Colocasia, Potato, Onion, Cabbage

Space for Rough Work

Part – IV (Mathematics)

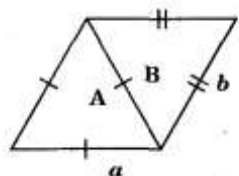**15. What is the difference between the smallest 6-digit odd number and the largest 4-digit even number?**

(A) 90002   (B) 90003   (C) 101113   (D) 101121

16. What is the value of 108 thousandths multiplied by 15 ones?

(A) 1.62   (B) 15.108   (C) 108.0   (D) 16.20

17. The perimeter of figure A is 3a units and that of figure B is (2b + a) units.

Find the perimeter (in units) of the figure given.

(A) 2b + 3a   (B) 2(b + 2a)   (C) 2(a + b)   (D) 2(2b + a)

18. What is the L.C.M. of X and Y if X is the first odd prime number and Y is the only even prime number?

(A) 6   (B) 2   (C) 8   (D) 12

19. If the cost of 30 pens is Rs. 240. What us the cost of 18 pens ?

(A) Rs. 80   (B) Rs. 144   (C) Rs. 222   (D) Rs. 124

20. Which of the following statement is false ?

(A) Every positive integer is greater than zero   (B) Every negative integer is less than zero

(C) -1 is the smallest negative integer.   (D) 0 is neither positive nor negative

21. Which quadrilateral is not a parallelogram ?

(A) Rectangle   (B) Tarpezium   (C) Sqaure   (D) Rhombus

22. If C,D,I,V,X represents roman numerals , then the value of CDI+V+C+X is equal to

(A) 506   (B) 401   (C) 406   (D) 516

Space for Rough Work

Part – V (Reasoning)

Directions: In the following questions numbers are written in a sequence. Find the missing number to replace the question mark from the alternatives.

23. 480,480,240,80,20,?

(A) 4   (B) 1   (C) 5   (D) 10

24. Directions : Find the missing term :

.

(A) 100   (B) 81   (C) 64   (D) 121

25.

42	44	38
23	55	28
37	?	39

(A) 22   (B) 33   (C) 66   (D) 77

26. Neev is fourteenth from the right end in a row of 40 boys . What is the position from the left end ?

(A) 24th   (B) 25th   (C) 26th   (D) 27th

Answer Key

Q.No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Ans	A	A	D	D	A	A	B	A	D	B	D	C	A	C	B
Q.No	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Ans	A	C	A	B	C	B	D	A	A	A	D				

Space for Rough Work

Space for Rough Work