

Roll No.: \_\_\_\_\_ Date : \_\_\_\_\_ Class : VIII Section : \_\_\_\_\_

**SUBJECT : SCIENCE (MULTIPLE CHOICE QUESTION)**

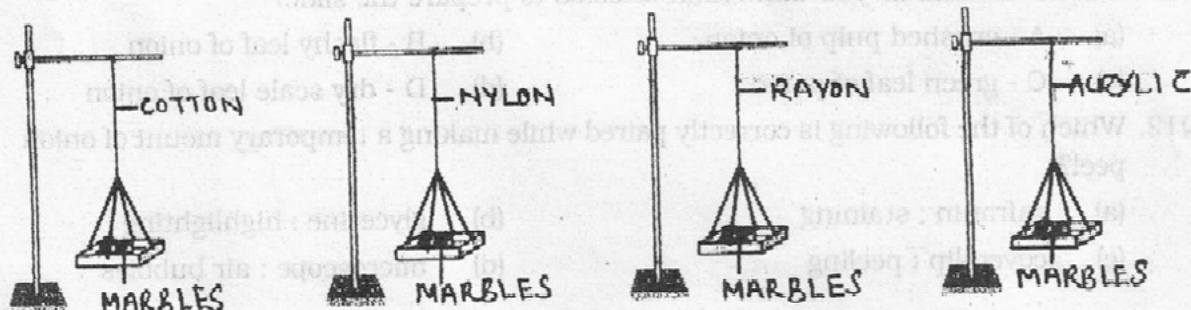
Time : 30 minutes

MM : 15

**General Instructions :**

- i) Attempt all the questions.
- ii) There are 15 multiple choice questions in total. Only one of the options in every question is correct. Put a (✓) against the correct option.
- iii) Each question carries 1 mark.
- iv) Do not use white fluid on these sheets.
- v) Use only pen to mark the answers.

- Q1. Which of the following musical instrument is different from others?
- (a) guitar (b) sitar  
(c) veena (d) whistle
- Q2. If amplitude increases 100 times, then the loudness will increase -
- (a) 1000 times (b) 10000 times  
(c) 200 times (d) 10 times
- Q3. A body shape which offers very little resistance to the flow of air (or water) around it is called -
- (a) trimlined shape (b) treaklined shape  
(c) streamlined shape (d) steamlined shape
- Q4. Which of the following cannot be charged by friction?
- (a) a plastic scale (b) an inflated balloon  
(c) a woollen cloth (d) a copper rod
- Q5. The same force  $F$  acts on four different objects having the areas given below, one by one. In which case will the pressure exerted be the maximum?
- (a)  $10 \text{ m}^2$  (b)  $20 \text{ m}^2$   
(c)  $50 \text{ m}^2$  (d)  $100 \text{ m}^2$
- Q6. A student performed the following activity using threads made of different type of fibre having same length and thickness.



The thread which could hold maximum number of marbles was :

- (a) cotton
- (b) nylon
- (c) rayon
- (d) acrylic

Q7. Poorv took sulphur powder in a spatula and heated it. He collected the gas evolved in a test tube and dissolved it in water. The solution formed turned blue litmus red due to the formation of \_\_\_\_\_.

- (a) sulphur dioxide
- (b) sulphur hydroxide
- (c) sodium sulphate
- (d) sulphurous acid

Q8.  $X + O_2 \longrightarrow XO_2$

$X + HCl \longrightarrow$  no reaction

$X + H_2O \longrightarrow$  no reaction

Element 'X' is \_\_\_\_\_.

- (a) carbon
- (b) magnesium
- (c) zinc
- (d) sodium

Q9. How will you identify the gas evolved when a metal taken in a test tube is reacted with dil. hydrochloric acid?

- (a) by bringing moist blue litmus paper near the mouth of the test tube.
- (b) by bringing moist red litmus paper near the mouth of the test tube.
- (c) by bringing a burning matchstick near the mouth of the test tube.
- (d) by passing the gas through limewater.

Q10. A strip of iron is placed in a saturated solution of copper sulphate. After sometime the iron will \_\_\_\_\_.

- (a) dissolve in solution
- (b) turn black
- (c) get coated with brown copper metal
- (d) show no change

Q11. Amit's teacher gave him the following four materials and asked him to select one to prepare a temporary mount of onion peel.

A - crushed pulp of onion

B - fleshy leaf of onion

C - green leaf of onion

D - dry scale leaf of onion

Which material do you think Amit selected to prepare the slide?

- (a) A - crushed pulp of onion
- (b) B - fleshy leaf of onion
- (c) C - green leaf of onion
- (d) D - dry scale leaf of onion

Q12. Which of the following is correctly paired while making a temporary mount of onion peel?

- (a) safranin : staining
- (b) glycerine : highlighting
- (c) coverslip : peeling
- (d) microscope : air bubbles

Q13. Study the information given below regarding parts of a cell.

P - a jelly like substance containing cell organelles

Q - gives shape and rigidity to plant cells

R - contains genetic information.

What do P, Q and R represent?

- (a) P - nucleus , Q - cell wall , R - cytoplasm.
- (b) P - cell wall , Q - cytoplasm , R - nucleus
- (c) P - nucleus , Q - cytoplasm , R - cell wall
- (d) P - cytoplasm , Q - cell wall , R - nucleus

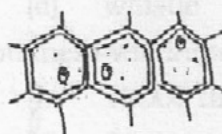
Q14. Four students W, X, Y and Z observed a section of the onion peel under the microscope and made the following sketches.



W



X



Y



Z

Who made the correct sketch?

- (a) W
- (b) X
- (c) Y
- (d) Z

Q15. Conversion of milk to curd is effected by Lactobacillus. Lactobacillus belongs to the group of \_\_\_\_\_.

- (a) algae
- (b) fungi
- (c) bacteria
- (d) protozoa