



**BAL BHARATI PUBLIC SCHOOL, PITAMPURA, DELHI – 110034**

**WEEKEND ACTIVITIES**

**Class IX and X**

**SUBJECT: ART**

**Topic: Story Board (COVID- 19 Warriors)**

**Task**

- Illustrate a story related to the present situation of COVID- 19 and of the people taking care of us.... (Doctors/nurses/sanitation staff/police/ and anyone you can think of.
- The story board should comprise of four to five boxes.
- You must think of a story related to the above given topic and illustrate or draw with the help of the references given below.
- You may add any other objects/. figures according to your story line.

**Material required**

- A3 size Cartridge Sheet
- Pencil, Eraser, Scale
- Colour pencils /crayons/sketch pens

*You may take reference from the internet also*





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**Subject: Critical Thinking**




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**Puzzle 1:**

**THE WORLD AROUND**

Water decomposes into hydrogen & oxygen when an electric current is passed through it. Hydrogen & Oxygen, on the other hand, cannot be decomposed into simpler substance. They are, therefore, the elementary or simplest chemical substances which contain only one kind of atom- elements. Elements combine to form chemical compounds. In a compound, atoms combine in a fixed proportion to form a molecule. In a mixture, the individual components are simply put together & they can be separated from each other easily.

**Q.1. Look at the diagrams in the boxes below & match them with their correct descriptions:**

(a)		(i) Mixture
(b)		(ii) Molecule
(c)		(iii) Pure Element

Option (A): a (iii), b(ii) & c (i)

Option (B): a (ii), b(iii) & c (i)

Option (C): a (i), b(ii) & c (iii)

**Q.2 Which of the above has only one type of atoms?**

- (A) Image (a)                      (B) Image (b)                      (C) Image (c)

**Puzzle 2:**

**Q.1) According to Dr. B. R. Ambedkar, which of the following is 'heart and soul' of our Constitution?**

- A. The Preamble
- B. Right to Constitutional Remedies
- C. Right to Equality
- D. Right against Exploitation

**Puzzle 3:**

**Q2. Democracy is considered to be better than other forms of government. Which of the following statements supports this claim?**

- A. It is a more accountable form of government.
- B. It improves the quality of decision making
- C. It ensures rapid economic development of citizens
- D. It enhances the dignity of citizens

- A) A, B and C
- B) B, C and D
- C) A, B and C
- D) A and C

**Puzzle 4:**

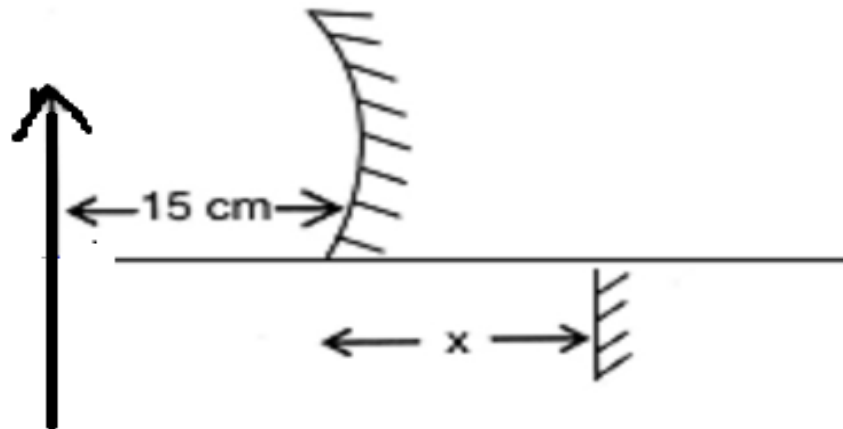
**Q.3) The following statements are about democracy in the contemporary world.**

- A. Democracy expanded throughout the 20th century
- B. Democracy did not spread evenly throughout the world
- C. All the member states of the International Monetary Fund (IMF) are democracies
- D. All the permanent members of the United Nations Security Council are democracies

- A) A, B and C
- B) B, C and D
- C) A, B and D
- D) A and B

**Puzzle 5**

A Concave mirror forms virtual as well as real image. It forms a virtual image when the object is placed between the pole & the focus. But a Plane mirror always forms a virtual image irrespective of the position of the object. Look at the diagram given below:



An object is placed in front of the concave & plane mirror as shown in the image given above. Given that focal length of concave mirror is 25 cm & the virtual images coincide each other. **Find the value of x?**

- (a) 11.25 cm
- (b) 22.5 cm
- (c) 35 cm
- (d) 12.5 cm

## SUBJECT: - Meal Planning

### I. Pizza Muffins

A delicious version of our all-time favourite pizza:

#### Ingredients

- All Purpose Flour....1 cup
- Wheat Flour.....1/2 cup
- Baking Soda .....1/4 tsp
- Baking Powder .....1 tsp
- Salt .....1/4 tsp
- Chopped Bell Pepper or Capsicum, Tomato....1 cup
- Tomato Sauce .....1 tbsp
- Red Chilli Flakes .....1/2 tsp
- Mixed Italian Herbs....1 tsp
- Pepper.....to taste
- Cheese .....As per requirement
- Olive Oil .....1/2 cup
- Curd.....1/4 cup
- Milk.....3/4 cup

#### Method

**STEP 1:** Sift all-purpose flour, wheat flour, salt, baking soda and baking powder. Add Italian herbs and mix well.

**STEP 2:** In a broader bowl, add olive oil, milk, curd, 2 teaspoons of Tomato sauce, 1 tablespoon of Cheese. Mix well

**STEP3:** Gently fold dry ingredients into wet ones. Add one half of chopped vegetables into it and fold in.

**STEP 4:** Grease muffin tray and pre heat oven at 180-degree C. Fill half the cup with batter (all the cups). Add tomato sauce, some chopped vegetables and some cheese. Thereafter, add more batter and top them off with more cheese.

**STEP 5:** Bake them at 180 degree for 15-17 mins or insert toothpick to check as they must come out clean.

Relish these healthy delights with your family members.

Happy and safe cooking.



## II. Biscuit Cupcakes

Here is a recipe made from broken biscuits or a variety of leftover cookies.

### Ingredients

- Biscuit Powder.....1 cup
- Wheat Flour.....1/4 cup
- Powdered Sugar....1/8 cup
- Baking Powder.....1 tsp
- Baking Soda.....1 tsp
- Refined Oil.....1/8 cup
- Milk.....3/4 cup
- Vanilla Essence.....1/2 tsp
- Tutti fruity/ Dry fruits for garnishing

### Method

**STEP 1:** Crush or grind the leftover or broken biscuits into fine powder.

**STEP 2:** Put the powder in a bowl. Add wheat flour, powdered sugar, baking powder and baking soda to it.

**STEP 3:** Now add refined oil and vanilla essence to the mix of dry ingredients. Pour in milk gradually and mix to form a smooth batter of dropping consistency.

**STEP 4:** Pour the prepared batter into greased cupcake tins or paper cups (only three- fourth full.) Garnish suitably.

**STEP 5:** Bake in a preheated oven at 180 degrees for 10 to 15 minutes. You may use a microwave oven for the same.



Serve hot cupcakes to your loved ones with beverages of your choice.

Happy and safe cooking.



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PUT ON YOUR THINKING CAP

LEVEL II

(Answer Key to the Mental Ability Worksheet shared on 2 May 2020)

1. B
2. C
3. D
4. D
5. B
6. C
7. B
8. C
9. A
10. D
11. B
12. D
13. D
14. B
15. A

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