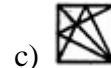**Ch.6 Algorithm &Reasoning**

Q-1   Tick the correct answer.

1) Five books are kept on each other. **E** is above **A**, **C** is below **B**. If **A** is above **B** and **D** is below **C**, then which is at the top?

   a) E   b) A   c) B

2) Write down two numbers with a sum of 9 and difference of **1**.

   a) 4 and 5   b) 6 and 7   c) 6 and 3

3) What is ½ of 4?

   a) 3   b) 2   c) 4

4) Identify the figure that completes the pattern.

   a)   b)   c)

5) Identify the figure that completes the pattern.

   a)   b)   c)

6) In daily life, we come across many situations where we have to take a _____.

   a) Decision   b) Problem   c) Walk

   Suppose you are sitting with your classmates in your school Auditorium during Annual Function Day. Here are some questions based on this situation.

7) Your school Principal is delivering a presentation on the screen. Which software is she using for it?

   a) MS-Word   b) MS-Paint   c) MS-PowerPoint

8) Your Principal is giving a speech, which input device is she using for it?

   a) Keyboard   b) Microphone   c) Mouse

9) Everyone is listening to the speech, which output device is being used?

   a) Printer   b) Monitor   c) Speakers

10) For capturing the moments of celebration, which input device is used?

    a) Digital Camera   b) Microphone   c) Scanner

11) Find the missing number in the given pattern? 4, 8, 12,16.___, 24, ____,32.

    a) 20, 28   b) 26, 30   c) 25, 30

Q-2 Rearrange the following steps and write numbers accordingly.

1) Make chocolate milk shake.

- Combine ingredients: - Milk, ice-cream, Chocolate syrup
- Stick a tall glass in the freezer
- Blend it properly.
- Serve in a cold glass.
- Let the ice cream soften.

2) What do you generally do after coming back home from school?

- Get something to eat.
- Go for study.
- Take some rest.
- Take off your school dress.
- Go to playground to play with your neighbourhood friends.

3) The steps to switch ON the computer.

- Press the computer power button.
- Switch ON the UPS.
- Login and use.
- Wait while the computer boots.
- Switch ON the main power button.

Q-3 Answer the following questions.

1) Rhea is a sister of Paul. Anny is a mother of Rita. Rita is the aunt of Paul. Then, how is Rhea related to Anny?

2) If you are facing north and turn 90 degrees to your left, which direction are you facing now?

3) Your age is double your brother's age and he is five years old. What is your age?

4) In three hours, how many times will the hands of clock meet together?

5) Sarah has a basket with 5 red apples, 3 green apples, and 2 yellow apples. If she gives away 2 red apples, how many apples are left in the basket?

6) There are 24 students in a class. If 1/4 of the students are girls, how many girls are there in the class?

7) If you fold a piece of paper in half once, how many layers do you have?