



# Provincial Department of Education

## Northern Province.

### Second Term Practical Examination - 2023



**Grade - 11**

**Science**

**25 Minutes**

### Students' Worksheet

#### Practical Number 01

01. Name the displayed equipment A, B, C, D in the given practical set-up?

A: .....

B: .....

C: .....

02. What liquid is placed in the boiling tube?

.....

03. Why does the boiling tube placed in a water bath?

.....

04. What is the reason behind the green colour of the solution in the boiling tube?

.....

05. Mention the chemical substance that is used in confirming starch present in the leaf?

.....

#### Practical Number 02

01. Identify the laboratory equipment P, Q, R, and S that are required to prepare standard solution?

P: .....

Q: .....

R: .....

S: .....

02. What is the volume of equipment P?

.....

03. Among above given equipment which one is used in weighing accurate mass of solute?

.....

04. What is the minimum weighing limit of the above given equipment?

.....

05. Give two information, to write on the label of standard solution bottle?

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**Practical Number 03**

01. Identify the given optical instruments A, B, C, and D?

A: ..... B: .....  
C: ..... D: .....

02. Figure out the approximate focal length of the optical instrument A?

.....

03. State what changes occur to the parallel light rays as they pass through the optical instrument B?

.....

04. What is the optical instrument separates the white light into seven colours?

.....

05. Hold the optical instrument D near your face and write two properties of the observed image?

.....  
.....

**Practical Number 04**

01. Identify the parts P, Q, R, and S of Human digestive tract from given model?

P: ..... Q: .....  
R: ..... S: .....

02. What is the special name for the food movement through the part A?

.....

03. Mention the enzyme secreted by the part B?

.....

04. Mention two hormones secreted by the part C?

.....

05. Write two adaptations poses by the part D to increase the efficiency of absorption?

.....  
.....

**Practical Number 05**

01. Mention the human parts which match with the parts in the given structure explaining the function of human respiratory system?

- a. Glass tube (A) : .....
- b. Balloon (B) : .....
- c. Rubber membrane (C) : .....

02. What is your observation when the rubber membrane is pulled down?

.....

03. Mention which human respiratory function is similar to the above activity?

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04. What are the muscles contribute to the function mentioned in question (03) ?

.....

05. Mention two adaptations of the part in human respiratory system which is similar to the Part B or balloon in the given structure for efficient function?

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**Practical Number 06**

01. Figure out the chemical substances in the petri dishes A, B, and C using given pH paper whether they are acid or base or salt?

A: ..... B: ..... C: .....

02. Mention two chemical substances which are similar to the substance A and are available in school laboratories?

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03. Mention two chemical substances which are similar to the substance B and are available in school laboratories?

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04. Mention two chemical substances which are similar to the substance C and are available in school laboratories?

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05. Given an example for neutralization reaction?

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**Practical Number 07**

01. Mention the connecting wire types for the holes P, Q, and R in the electric device A?

P: ..... Q: ..... R: .....

02. Mention two electric appliances that need to be connected to electricity through the device B?

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03. What type of electric bulb gives more light emission using minimum amount of watts?

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04. An electric light indicates 230V, 60W on it. Write down the meaning of the indication.

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05. What is the worse effect will be caused to the environment by leaving the burned out electric light D?

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**( 5 x 4 ) x 5 = 100 Marks**