



Delhi Public School, Howrah

PERIODIC TEST II PRACTICAL EXAM (2024-2025)

Class-XI

Subject: - Biology (Code No. 044)

Time: - 3 hours

F.M.-30

A. Read the following instructions carefully. With the help of a sharp razor blade cut a longitudinal section of the specimen:

- a) Display the floral whorls on a filter paper. (2)
- b) Mention the procedure and precaution for the experiment performed. (2)
- c) Mention the family to which the flower belongs and the nature of the stamens. (2)

B. Given below is provided a picture of a compound microscope. Answer the following questions :



- a) Which part of the microscope helps in viewing the object? (0.5)
- b) Mention 1 precaution a student needs to follow while using a microscope. (0.5)
- c) A specimen is provided to a student. Mention the steps used by the student to view the specimen under microscope. (2)

C. Read the following instructions carefully. Cut a transverse section of the given specimen.

- a) Prepare a temporary slide using the section of the given specimen. (2)
- b) Mention the procedure and precaution for the experiment performed. (2)
- c) Draw a well labelled diagram of the T.S of the given specimen. (2)

D. Read the instructions carefully:

- a) Identify the given specimen marked as 'A' , 'B' , 'C' , 'D' (6)
- b) State one identifying feature and represent the specimen with a labelled diagram.
 - Distribution of marks as follows:
 - a. Identify the slide (0.5)
 - b. State one identifying feature (0.5)
 - c. Draw a well labelled diagram of the given specimen. (0.5)

E. Practical file record+ viva (3+2)

F. Project + viva (2+2)