Term End External Examination 1st Semester (Session-Feb 2025)
Subject: Multidisciplinary Course
Course No and Title: BOT022I/ Plants for Human Welfare
Time: 1.15 hours Max Marks:50 Min. Marks:20

Section A: Objective Type Questions

Q1. Choose the appropriate Answer: (4x1.5=06)

i. Which part of the Saffron is used as spice and coloring agent?
A Tepals **B** Stamens
C Carpels **D** Stigma

ii. Curcumin, the most well-known curcuminoid, known for its potent antioxidant and anti-inflammatory properties is obtained from
A Ginger **B** Turmeric
C Cumin **D** Garlic

iii. Pine species a good source of timber in Kashmir is
A *Pinus halepensis* **B** *Pinus wallichiana*
C *Pinus roxburgii* **D** *Pinus gerardiana*

iv. Which of the following oils is rich in omega-3 fatty acids
A Linseed oil **B** Sunflower oil
C Mustard oil **D** Coconut oil

Section-B: Descriptive Type Questions (Short Type)

Q2: Answer all the Questions (4 x 4 =16)

i. Name any five imported varieties of apple grown in Kashmir
ii. Write traditional uses of *Rheum* (Rubarb)
iii. Write a short note on wood carving
iv. Write scientific names of Peach and Walnut

Section – C: Descriptive Type Questions (Medium Type)

Answer all the questions: (2 x 7=14)

Q3. Write a short note on origin and domestication of Maize

OR

Write short note on morphology and cultivation of wheat

Q4. Discuss cultivation and economic significance of *Cumin*

OR

Name fungal disease of apple in Kashmir and their treatment strategies.

Section – D: Descriptive Type Questions (Long Type)

Answer any one of the following: (1 x 14=15)

Q5. Elaborate on origin, cultivation, and economic importance of wheat

Q6. Name any five endemic medicinal plants of Kashmir with their conservation status and potential ethnobotanical uses.