

MANONMANIAM SUNDARANAR UNIVERSITY

DIRECTORATE OF DISTANCE AND CONTINUING EDUCATION

INTERNAL ASSIGNMENT FOR MAY 2025 EXAMINATIONS

B.Sc. Chemistry – First Semester

பொதுத்தமிழ் – தான் – I

தமிழ் இலக்கிய வரலாறு

Sub-Code: J1TL11

1.) (அ) எட்டுத்தொகைப் பத்துப்பாட்டு நூல்களை குறித்து எழுதுக.

(அகவை)

(ஆ) அற இலக்கியங்களின் வைப்பு முறையை எடுத்துரைக்க.

2.) (அ) பன்னிரு திருமுறைகளின் வைப்பு முறையை விவரி.

(அகவை)

(ஆ) சித்தூஉ இலக்கியங்கள் குறித்து கட்டுரை வரைக.

MANONMANIAM SUNDARANAR UNIVERSITY

DIRECTORATE OF DISTANCE AND CONTINUING EDUCATION

INTERNAL ASSIGNMENT FOR MAY 2025 EXAMINATIONS

B.Sc. Chemistry – First Semester

General English - I (Part II English)

Sub-Code: J2EN11

- 1.) (A) Explain the character of Malala from the 1st chapter of “I am Malala”.

(OR)

- (B) Delineate “Alice Fell” poem by Wordsworth.

- 2.) (A) Write a critical appreciation of the poem “Stopping by woods on a snowy Evening” by Robert Frost.

(OR)

- (B) Eluminate the fairies in “The Magic Brocade”.

MANONMANIAM SUNDARANAR UNIVERSITY

DIRECTORATE OF DISTANCE AND CONTINUING EDUCATION

INTERNAL ASSIGNMENT FOR MAY 2025 EXAMINATIONS

B.Sc. Chemistry – First Semester

General Chemistry - I

Sub-Code: JMCH11

- 1.) (A) Discuss the various atom models (any 3)

(OR)

- (B) Explain the general features and classification of periodic table.

- 2.) (A) i) Explain Born-Haber cycle.
ii) Explain Fajan’s Rule

(OR)

- (B) Discuss the VSEPR Theory of AB₂, AB₃, AB₄, AB₆ type molecules.

MANONMANIAM SUNDARANAR UNIVERSITY

DIRECTORATE OF DISTANCE AND CONTINUING EDUCATION

INTERNAL ASSIGNMENT FOR MAY 2025 EXAMINATIONS

B.Sc. Chemistry – First Semester

ALLIED PHYSICS - I

Sub-Code: JEPH11

- 1.) (A) What is simple harmonic motion. Explain the composition of two SHM at right angles.

(OR)

- (B) Describe the different types of elastic constants & Explain the principle behind bending of beam.

- 2.) (A) What is a Heat engine? Explain Carnot's cycle with its efficiency?.

(OR)

- (B) State and prove De Morgan's Theorem.

MANONMANIAM SUNDARANAR UNIVERSITY

DIRECTORATE OF DISTANCE AND CONTINUING EDUCATION

INTERNAL ASSIGNMENT FOR MAY 2025 EXAMINATIONS

B.Sc. Chemistry – First Semester

Food Chemistry

Sub-Code: JSCH11

- 1.) (A) Explain the determination of proteins present in food stuffs.

(OR)

- (B) Discuss the role of various food additives added to the food.

- 2.) (A) Write note on food Additives and how to identify the same in the foods.

(OR)

- (B) i.) Discuss the role of food laboratories and their main functions.
ii) Explain food thicknes and food Additives.

MANONMANIAM SUNDARANAR UNIVERSITY

DIRECTORATE OF DISTANCE AND CONTINUING EDUCATION

INTERNAL ASSIGNMENT FOR MAY 2025 EXAMINAITONS

B.Sc. Chemistry – First Semester

Foundation course in Chemistry

Sub-Code: JFCH11

- 1.) (A) Discus the hybridisation of sp^3d , d^2sp^3 , sp^3d^2 .

(OR)

- (B) Explain the general features of 'f' & 'd' blocks.

- 2.) (A) Discus geometrical and optical isomerism.

(OR)

(B) Give the principle and theory of electron spin resonance spectroscopy.