

MANONMANIAM SUNDARANAR UNIVERSITY

DIRECTORATE OF DISTANCE AND CONTINUING EDUCATION

INTERNAL ASSIGNMENT FOR EXAMINATIONS

B.Sc. Chemistry – First Semester

பொதுத்தமிழ் - தாள் - 1

தமிழ் இலக்கிய வரலாறு

Sub-Code: J1TL11

1.) (அ) எட்டுத்தொகை, பத்துப்பாட்டு நூல்களை குறித்து எழுதுக.

(அல்லது)

(ஆ) அற இலக்கியங்களின் வைப்பு முறையை எடுத்துரைக்க.

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

(அல்லது)

(ஆ) சித்தர் இலக்கியங்கள் குறித்து கட்டுரை வரைக.

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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 Words worth.

- 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”.

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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.

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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 Carno't's cycle with its efficiency?.

(OR)

(B) State and prove Demorgan's Theorem.

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INTERNAL ASSIGNMENT FOR 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.

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INTERNAL ASSIGNMENT FOR EXAMINATIONS

B.Sc. Chemistry – First Semester

Foundation course in Chemistry

Sub-Code: JFCH11

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

(OR)

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

2.) (A) Discuss geometrical and optical isomerism.

(OR)

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