PALAMURU UNIVERSITY

Assignment for academic year 2017-18

PHYSICS (Mechanics) max.marks:5

INTERNAL -I SEMESTER-I

Name: H.T No: Group:

Answer the following question **1x5=5**

1). State and explain the stoke's theorem

PALAMURU UNIVERSITY

Assignment for academic year 2017-18

PHYSICS (Mechanics) max.marks:5

INTERNAL -II SEMESTER-I

Name: H.T No: Group:

Answer the following question **1x5=5**

1) State and explain the kepler's laws

PALAMURU UNIVERSITY

Assignment for academic year 2017-18

PHYSICS (Waves and oscillations) max.marks:5

INTERNAL -I SEMESTER-II

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Explain Combination of two mutually perpendicular simple harmonic vibrations of same frequency

PALAMURU UNIVERSITY

Assignment for academic year 2018-19

PHYSICS (Mechanics) max.marks:5

INTERNAL -I SEMESTER-I

Name: H.T No: Group:

Answer the following question **1x5=5**

1). State and explain the Gauss theorem of divergence.

PALAMURU UNIVERSITY

Assignment for academic year 2018-19

PHYSICS (Mechanics) max.marks:5

INTERNAL -II SEMESTER-I

Name: H.T No: Group:

Answer the following question **1x5=5**

1) State and explain the kepler's laws

PALAMURU UNIVERSITY

Assignment for academic year 2018-19

PHYSICS (Waves and oscillations) max.marks:5

INTERNAL -I SEMESTER-II

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Explain Combination of two mutually perpendicular simple harmonic vibrations of different frequency

PALAMURU UNIVERSITY

Assignment for academic year 2018-19

PHYSICS (Waves and oscillations) max.marks:5

INTERNAL -II SEMESTER-II

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Explain Transverse vibrations in a bar

PALAMURU UNIVERSITY

Assignment for academic year 2018-19

PHYSICS (Thermodynamics) max.marks:5

INTERNAL -I SEMESTER-III

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Deduction of Maxwell's law of distribution of molecular speeds

PALAMURU UNIVERSITY

Assignment for academic year 2018-19

PHYSICS (Thermodynamics) max.marks:5

INTERNAL -II SEMESTER-III

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Explain Wien's displacement law

PALAMURU UNIVERSITY

Assignment for academic year 2018-19

PHYSICS (Optics) max.marks:5

INTERNAL -I SEMESTER-IV

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Explain Fresnel's biprism

PALAMURU UNIVERSITY

Assignment for academic year 2018-19

PHYSICS (Optics) max.marks:5

INTERNAL -II SEMESTER-IV

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Explain Laurent's half shade polarimeter.

PALAMURU UNIVERSITY

Assignment for academic year 2019-20

PHYSICS (Mechanics) max.marks:5

INTERNAL -I SEMESTER-I

Name: H.T No: Group:

Answer the following question **1x5=5**

1) State and explain the stoke's theorem

PALAMURU UNIVERSITY

Assignment for academic year 2019-20

PHYSICS (Mechanics) max.marks:5

INTERNAL -II SEMESTER-I

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Explain Michelson-Morley experiment

PALAMURU UNIVERSITY

Assignment for academic year 2019-20

PHYSICS (Thermodynamics) max.marks:5

INTERNAL -I SEMESTER-II

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Derivation of Maxwell's thermodynamic relations

PALAMURU UNIVERSITY

Assignment for academic year 2019-20

PHYSICS (Thermodynamics) max.marks:5

INTERNAL -II SEMESTER-II

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Explain Disappearing filament optical pyrometer

PALAMURU UNIVERSITY

Assignment for academic year 2019-20

PHYSICS (Thermodynamics) max.marks:5

INTERNAL -I SEMESTER-III

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Define transport phenomena and explain viscosity of gases

PALAMURU UNIVERSITY

Assignment for academic year 2019-20

PHYSICS (Thermodynamics) max.marks:5

INTERNAL -II SEMESTER-III

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Obtain Rayleigh-Jeans law from plank's law

PALAMURU UNIVERSITY

Assignment for academic year 2019-20

PHYSICS (Optics) max.marks:5

INTERNAL -I SEMESTER-IV

Name: H.T No: Group:

Answer the following question **1x5=5**

1) **Determination of diameter of wire-Newton's rings in reflected light and transmitted light**

PALAMURU UNIVERSITY

Assignment for academic year 2019-20

PHYSICS (Optics) max.marks:5

INTERNAL -II SEMESTER-IV

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Explain principle, construction of Nicol prism and also as polarizer and analyser

PALAMURU UNIVERSITY

Assignment for academic year 2019-20

PHYSICS (Electromagnetic theory) max.marks:5

INTERNAL -I SEMESTER-V (paper-V)

Name: H.T No: Group:

Answer the following question **1x5=5**

1) **Obtain electric field of a uniformly charged sphere using gauss law**

PALAMURU UNIVERSITY

Assignment for academic year 2019-20

PHYSICS (Electromagnetic theory) max.marks:5

INTERNAL -II SEMESTER-V (paper-V)

Name: H.T No: Group:

Answer the following question **1x5=5**

1) **Obtain Maxwell equations in integral form**

PALAMURU UNIVERSITY

Assignment for academic year 2019-20

PHYSICS (Solid state physics) max.marks:5

INTERNAL -I SEMESTER-V (paper-VI)

Name: H.T No: Group:

Answer the following question **1x5=5**

1) **Explain seven crystal system with neat diagram**

PALAMURU UNIVERSITY

Assignment for academic year 2019-20

PHYSICS (Solid state physics) max.marks:5

INTERNAL -II SEMESTER-V (paper-VI)

Name: H.T No: Group:

Answer the following question **1x5=5**

1) **Explain Kronig Penny model**

PALAMURU UNIVERSITY

Assignment for academic year 2019-20

PHYSICS (Modern physics) max.marks:5

INTERNAL -I SEMESTER-VI (paper-VII)

Name: H.T No: Group:

Answer the following question **1x5=5**

1) **Explain Photoelectric effect with neat diagram**

PALAMURU UNIVERSITY

Assignment for academic year 2019-20

PHYSICS (Modern physics) max.marks:5

INTERNAL -II SEMESTER-VI (paper-VII)

Name: H.T No: Group:

Answer the following question **1x5=5**

1) **Explain semi-empirical mass formula**

PALAMURU UNIVERSITY

Assignment for academic year 2019-20

PHYSICS (Basic electronics) max.marks:5

INTERNAL -I SEMESTER-VI (paper-VIII)

Name: H.T No: Group:

Answer the following question **1x5=5**

1) **Explain Thevenin's Theorem**

PALAMURU UNIVERSITY

Assignment for academic year 2019-20

PHYSICS (Basic electronics) max.marks:5

INTERNAL -II SEMESTER-VI (paper-VIII)

Name: H.T No: Group:

Answer the following question **1x5=5**

1) **Explain input and out characteristics of common emitter configuration of transistor.**

PALAMURU UNIVERSITY

Assignment for academic year 2020-21

PHYSICS (Mechanics and oscillation) max.marks:5

INTERNAL -I SEMESTER-I

Name: H.T No: Group:

Answer the following question **1x5=5**

1) State and explain the stoke's theorem

PALAMURU UNIVERSITY

Assignment for academic year 2020-21

PHYSICS (Mechanics and oscillation) max.marks:5

INTERNAL -II SEMESTER-I

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Explain Michelson-Morley experiment

PALAMURU UNIVERSITY

Assignment for academic year 2020-21

PHYSICS (Thermodynamics) max.marks:5

INTERNAL -I SEMESTER-II

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Derivation of Maxwell's thermodynamic relations

PALAMURU UNIVERSITY

Assignment for academic year 2020-21

PHYSICS (Thermodynamics) max.marks:5

INTERNAL -II SEMESTER-II

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Explain Disappearing filament optical pyrometer

PALAMURU UNIVERSITY

Assignment for academic year 2020-21

PHYSICS (Electromagnetic theory) max.marks:5

INTERNAL -I SEMESTER-III

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Obtain electric field of a uniformly charged sphere using gauss law

PALAMURU UNIVERSITY

Assignment for academic year 2020-21

PHYSICS (Electromagnetic theory) max.marks:5

INTERNAL -II SEMESTER-III

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Obtain Maxwell equations in integral form

PALAMURU UNIVERSITY

Assignment for academic year 2020-21

PHYSICS (Waves and Optics) max.marks:5

INTERNAL -I SEMESTER-IV

Name: H.T No: Group:

Answer the following question **1x5=5**

1) **Explain** modes **of vibration of transverse wave in a string**

PALAMURU UNIVERSITY

Assignment for academic year 2020-21

PHYSICS (Waves and Optics) max.marks:5

INTERNAL -II SEMESTER-IV

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Explain principle, construction of Nicol prism and also as polarizer and analyser

PALAMURU UNIVERSITY

Assignment for academic year 2020-21

PHYSICS (Electromagnetic theory) max.marks:5

INTERNAL -I SEMESTER-V (paper-V)

Name: H.T No: Group:

Answer the following question **1x5=5**

1) **Obtain electric field of a uniformly charged sphere using gauss law**

PALAMURU UNIVERSITY

Assignment for academic year 2020-21

PHYSICS (Electromagnetic theory) max.marks:5

INTERNAL -II SEMESTER-V (paper-V)

Name: H.T No: Group:

Answer the following question **1x5=5**

1) **Obtain Maxwell equations in integral form**

PALAMURU UNIVERSITY

Assignment for academic year 2020-21

PHYSICS (Solid state physics) max.marks:5

INTERNAL -I SEMESTER-V (paper-VI)

Name: H.T No: Group:

Answer the following question **1x5=5**

1) **Explain seven crystal system with neat diagram**

PALAMURU UNIVERSITY

Assignment for academic year 2020-21

PHYSICS (Solid state physics) max.marks:5

INTERNAL -II SEMESTER-V (paper-VI)

Name: H.T No: Group:

Answer the following question **1x5=5**

1) **Explain Kronig Penny model**

PALAMURU UNIVERSITY

Assignment for academic year 2020-21

PHYSICS (Modern physics) max.marks:5

INTERNAL -I SEMESTER-VI (paper-VII)

Name: H.T No: Group:

Answer the following question **1x5=5**

1) **Explain Photoelectric effect with neat diagram**

PALAMURU UNIVERSITY

Assignment for academic year 2020-21

PHYSICS (Modern physics) max.marks:5

INTERNAL -II SEMESTER-VI (paper-VII)

Name: H.T No: Group:

Answer the following question **1x5=5**

1) **Explain semi-empirical mass formula**

PALAMURU UNIVERSITY

Assignment for academic year 2020-21

PHYSICS (Basic electronics) max.marks:5

INTERNAL -I SEMESTER-VI (paper-VIII)

Name: H.T No: Group:

Answer the following question **1x5=5**

1) **Explain Norton's Theorem**

PALAMURU UNIVERSITY

Assignment for academic year 2020-21

PHYSICS (Basic electronics) max.marks:5

INTERNAL -II SEMESTER-VI (paper-VIII)

Name: H.T No: Group:

Answer the following question **1x5=5**

1) **Explain input and out characteristics of common emitter configuration of transistor.**

PALAMURU UNIVERSITY

Assignment for academic year 2021-22

PHYSICS (Mechanics and oscillation) max.marks:5

INTERNAL -I SEMESTER-I

Name: H.T No: Group:

Answer the following question **1x5=5**

1) State and explain the stoke's theorem

PALAMURU UNIVERSITY

Assignment for academic year 2021-22

PHYSICS (Mechanics and oscillation) max.marks:5

INTERNAL -II SEMESTER-I

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Explain Michelson-Morley experiment

PALAMURU UNIVERSITY

Assignment for academic year 2021-22

PHYSICS (Thermodynamics) max.marks:5

INTERNAL -I SEMESTER-II

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Derivation of Maxwell's thermodynamic relations

PALAMURU UNIVERSITY

Assignment for academic year 2021-22

PHYSICS (Thermodynamics) max.marks:5

INTERNAL -II SEMESTER-II

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Explain Disappearing filament optical pyrometer

PALAMURU UNIVERSITY

Assignment for academic year 2021-22

PHYSICS (Electromagnetic theory) max.marks:5

INTERNAL -I SEMESTER-III

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Obtain electric field of a uniformly charged sphere using gauss law

PALAMURU UNIVERSITY

Assignment for academic year 2021-22

PHYSICS (Electromagnetic theory) max.marks:5

INTERNAL -II SEMESTER-III

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Obtain Maxwell equations in integral form

PALAMURU UNIVERSITY

Assignment for academic year 2021-22

PHYSICS (Waves and Optics) max.marks:5

INTERNAL -I SEMESTER-IV

Name: H.T No: Group:

Answer the following question **1x5=5**

1) **Explain** modes **of vibration of transverse wave in a string**

PALAMURU UNIVERSITY

Assignment for academic year 2021-22

PHYSICS (Waves and Optics) max.marks:5

INTERNAL -II SEMESTER-IV

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Explain principle, construction of Nicol prism and also as polarizer and analyser

PALAMURU UNIVERSITY

Assignment for academic year 2021-22

PHYSICS (Modern physics) max.marks:5

INTERNAL -I SEMESTER-V

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Explain stern-Gerlach experiment

PALAMURU UNIVERSITY

Assignment for academic year 2021-22

PHYSICS (Modern physics) max.marks:5

INTERNAL -II SEMESTER-V

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Explain Photoelectric effect

PALAMURU UNIVERSITY

Assignment for academic year 2021-22

PHYSICS (Electronics) max.marks:5

INTERNAL -I SEMESTER-VI

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Explain full wave rectifier

PALAMURU UNIVERSITY

Assignment for academic year 2021-22

PHYSICS (Electronics) max.marks:5

INTERNAL -II SEMESTER-VI

Name: H.T No: Group:

Answer the following question **1x5=5**

1) explain demorgan's law

PALAMURU UNIVERSITY

Assignment for academic year 2022-23

PHYSICS (Mechanics and oscillation) max.marks:5

INTERNAL -I SEMESTER-I

Name: H.T No: Group:

Answer the following question **1x5=5**

1) State and explain the stoke's theorem

PALAMURU UNIVERSITY

Assignment for academic year 2022-23

PHYSICS (Mechanics and oscillation) max.marks:5

INTERNAL -II SEMESTER-I

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Explain Michelson-Morley experiment

PALAMURU UNIVERSITY

Assignment for academic year 2022-23

PHYSICS (Thermodynamics) max.marks:5

INTERNAL -I SEMESTER-II

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Derivation of Maxwell's thermodynamic relations

PALAMURU UNIVERSITY

Assignment for academic year 2022-23

PHYSICS (Thermodynamics) max.marks:5

INTERNAL -II SEMESTER-II

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Explain Disappearing filament optical pyrometer

PALAMURU UNIVERSITY

Assignment for academic year 2022-23

PHYSICS (Electromagnetic theory) max.marks:5

INTERNAL -I SEMESTER-III

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Obtain electric field of a uniformly charged sphere using gauss law

PALAMURU UNIVERSITY

Assignment for academic year 2022-23

PHYSICS (Electromagnetic theory) max.marks:5

INTERNAL -II SEMESTER-III

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Obtain Maxwell equations in integral form

PALAMURU UNIVERSITY

Assignment for academic year 2022-23

PHYSICS (Waves and Optics) max.marks:5

INTERNAL -I SEMESTER-IV

Name: H.T No: Group:

Answer the following question **1x5=5**

1) **Explain** modes **of vibration of transverse wave in a string**

PALAMURU UNIVERSITY

Assignment for academic year 2022-23

PHYSICS (Waves and Optics) max.marks:5

INTERNAL -II SEMESTER-IV

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Explain principle, construction of Nicol prism and also as polarizer and analyser

PALAMURU UNIVERSITY

Assignment for academic year 2022-23

PHYSICS (Modern physics) max.marks:5

INTERNAL -I SEMESTER-V

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Explain stern-Gerlach experiment

PALAMURU UNIVERSITY

Assignment for academic year 2022-23

PHYSICS (Modern physics) max.marks:5

INTERNAL -II SEMESTER-V

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Explain Photoelectric effect

PALAMURU UNIVERSITY

Assignment for academic year 2022-23

PHYSICS (Electronics) max.marks:5

INTERNAL -I SEMESTER-VI

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Explain full wave rectifier

PALAMURU UNIVERSITY

Assignment for academic year 2022-23

PHYSICS (Electronics) max.marks:5

INTERNAL -II SEMESTER-VI

Name: H.T No: Group:

Answer the following question **1x5=5**

1) Explain demorgan's law