Syllabus of PAT(PPU)-2019

PhD Admission Test (PAT) of Patliputra University(PPU) will consist of two papers:

1) Paper-I: **General and Research Aptitude Test. (Objective)**
2) Paper-II: **Subject Specific Test. (Descriptive)**

1. Paper-I: General and Research Aptitude Test

The paper consists of 7 Parts

    I.   Research Aptitude
    II.   Language Aptitude
    III.   Logical Reasoning
    IV.   Numerical Ability
    V.   Data Interpretation
    VI.   Environment and Sustainability
    VII.   Computer and Information & Communication Technology (ICT) Awareness

I.   Research Aptitude

Meaning, aims, nature and scope of research
Prerequisites of Research
Types of research: Fundamental or Pure research, Applied research
Research Problem: Meaning of research problem, Sources of research problem
Characteristics of a good research problem
Methods of research
Research proposal or Synopsis
Ethics in Research

II.   Language Aptitude – High School Level

III.   Logical Reasoning – High School Level

IV.   Numerical Ability – High School Level

V.   Data Interpretation

Qualitative and Quantitative Data
Mapping of data: Representation and Interpretation of graphs

VI.   Environment and Sustainability

Sources of Air, Water and Soil Pollutions and their Mitigation, Noise Pollution
Global Warming, Ozone depletion and Acid rain
Current environmental issues and movements in India: Chipko movement, Silent valley, Narmada dam, Tehri dam, Almetti dam etc.
Global Environmental Movements: Biodiversity Conservation and Agenda 21, Paris Convention, Montreal Protocol etc.

VII. **Computer and Information & Communication Technology(ICT) Awareness**

General Abbreviations and Terminology of Computers and ICT Meaning, Advantages, Uses and Risks of Digitalization

Basics of Internets

2. **Paper-II:** Subject Specific based on the UGC syllabus of Post Graduate course of Commerce of Patliputra University and different other Universities of Bihar

Place: Patna
Date: 14.X.2019

Dean & Head
Faculty of Commerce
Patliputra University