



# BRAINWARE UNIVERSITY

Term End Examination 2023

Programme – Dip.CSE-2018/Dip.CSE-2019/Dip.CSE-2020

Course Name – Artificial Intelligence

Course Code - DCSE602

( Semester VI )

LIBRARY  
Brainware University  
Barasat, Kolkata -700125

Full Marks : 60

Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

## Group-A

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

- (i) 'John is very intelligent' – relate the method by which this statement can be completely represented
- a) FOPL  
b) Default logic  
c) Fuzzy logic  
d) Propositional logic
- (ii) Select the correct option which can be the proper meaning of the word 'Artificial'
- a) Natural  
b) Machine made  
c) Man made  
d) Automation made
- (iii) Select the appropriate one that isn't a machine learning method
- a) Supervised  
b) Semi supervised  
c) Unsupervised  
d) Hill-climbing
- (iv) Interpret the Key task of a problem-solving agent
- a) Solve the given problem and reach to goal  
b) To find out which sequence of action will get it to the goal state  
c) Both a and b  
d) None of these
- (v) Predict about the type of environment if the number of unambiguous states is limited or finite:
- a) Discrete  
b) Continuous  
c) Static  
d) Dynamic
- (vi) Associate the category of environment for a car self-driving agent
- a) Discrete  
b) Continuous  
c) Static  
d) Dynamic
- (vii) Identify the test environment, where one real and another one artificial agents are simultaneously tested?
- a) Utility based Test environment  
b) Turing Test environment  
c) Model based Test environment  
d) None of these

