



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) Identify the appropriate option where AI techniques can be applied:
 - a) Agricultural sector
 - b) Health care sector
 - c) Marketing sector
 - d) All of these
 - (ii) State the type of the composition for agents in artificial intelligence?
 - a) Program
 - b) Architecture
 - c) Both a & b
 - d) None of the mentioned
 - (iii) Identify the key component used to improve the agent's performance?
 - a) Perceiving
 - b) Learning
 - c) Observing
 - d) None of the mentioned
 - (iv) Identify how many types of agents available in artificial intelligence?
 - a) 5
 - b) 10
 - c) 100
 - d) 500
 - (v) Select the agent name that does the problem generator concept
 - a) Learning agent
 - b) Observing agent
 - c) Reflex agent
 - d) Passive agent
 - (vi) Relate which one a state space search is formulated by
 - a) Intermediate state
 - b) Initial state
 - c) Successor function, which takes current action and returns next immediate state
 - d) None of these
 - (vii) Express which one among the following can be created by the sum of initial state and goal state.
 - a) Problem Space
 - b) Problem Space Graph
 - c) Problem instance
 - d) Problem abstraction
 - (viii) Identify which one represents State space search concept in artificial intelligence?
 - a) Your definition to a problem
 - b) Problem that you design
 - c) Complete problem
 - d) Representing your problem with variable and parameter

