

B.Sc/BCA/BBA/BVA. IV Semester (NEP) Degree Examination
COMPUTER SCIENCE
Artificial Intelligence
Paper : SEC -2

Maximum Time : 90 Minutes (1½ Hours)

Maximum Marks : 30

Roll No.

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Answer Sheet No.

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INSTRUCTIONS

PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY

1. Mark the Roll Number and Answer Sheet No. in the space provided on the Question Booklet and on the Answer Sheet.
2. Candidates are not allowed to carry any papers, notes, books, calculators, mobile phones, bluetooth, scanning devices etc. in the Examination Hall. Any candidate found using or in possession of such unauthorized material or indulging in copying or impersonation or adopting unfair means/reporting late/without Roll No Slip will not be permitted to take the written Test.
3. Strictly follow the instructions given by the Centre Supervisor/Room Invigilator and those given on the Question Booklet.
4. Use ONLY blue/black ball point pen for darkening the circles on the OMR Answer Sheet. Use of eraser, whitener (fluid) and cutting is not allowed on the OMR Answer Sheet.
5. After finishing the examination, hand over OMR answer sheet to the Room Invigilator.
6. This Question Booklet contains a total of **30 objective type questions carrying one (1) mark each** and the maximum **time allotted for the test is 90 minutes.**
7. The test is Objective type. Each objective question is followed by four responses. Choose the correct/best response and mark your response on the OMR Answer Sheet and not in the Question Booklet.
8. **There will be no Negative Marking. One mark will be awarded for each correct answer.**
9. Completely darken the CIRCLE so that the alphabet inside the CIRCLE is not visible as shown in the example below

Correct Method

(A) ● (C) (D)

Wrong Methods

(A) (B) (C) (D) / (A) (X) (C) (D) / (A) (B) (C) (D)
10. Darken ONLY ONE CIRCLE for each answer. If you darken more than one circle, it will be treated as a wrong answer.
11. Mark answer only in the space provided. DO NOT make any stray mark any where on the OMR Answer Sheet. DO NOT fold or wrinkle the OMR Answer Sheet. Rough work MUST NOT be done on the answer sheet. Use your test booklet for this purpose.

DO NOT OPEN THIS BOOKLET UNTIL TOLD TO DO SO

1. AI is abbreviated as
- ☒ A) Artificial Intelligence
 - B) Aerial Intelligence
 - C) Anticraft Intelligence
 - D) None of these
2. What is Artificial Intelligence?
- ☒ A) Making a machine intelligent
 - B) Putting your intelligence into computer.
 - C) Programming with your own intelligence computer
 - D) Putting more memory into
3. The World of Artificial Intelligence revolves around _____
- A) Operator
 - B) Flow chart
 - C) Decision table
 - ☒ D) Data
4. AI is a _____ designed machine
- A) Nature
 - B) Animal
 - ☒ C) Human
 - D) All the above
5. AI is divided into which of the following branches?
- A) Cyber forensics
 - ☒ B) Machine learning
 - C) Full-stack developer
 - D) Network design
6. Which is not commonly used programming languages for AI?
- A) Prolog
 - B) Lisp
 - ☒ C) Perl
 - D) Java Script.

7. The full form of NLG is _____
A) Natural Language Group
B) Natural Language Gap
C) Natural Language Unity
D) Natural Language Understanding
8. In which university the first demonstrations of AI program run?
A) Oxford University.
B) Cambridge University.
C) Carnegie Mellon University
D) Standard University
9. AI was established in the year _____
A) 1956
B) 1966
C) 1972
D) 1980
10. The first computer-controlled Autonomous Vehicle builds in the year _____
A) 1990
B) 1978
C) 1976
D) 1980
11. Dartmouth conference focused on how many AI research concepts?
A) 5
B) 6
C) 7
D) 8
12. AI was coined by _____
A) John Mc Carthy
B) John Lee
C) Richard
D) None of the above

13. Which of the following areas cannot contribute to build an intelligent system?
- A) Neuron Science
 - B) Mathematics
 - C) Computer Science
 - ~~D) Geology~~
14. Modern Computers normally use 2 Watts of energy whereas human brains use about _____
- ~~A) 25 Watts~~
 - B) 35 Watts
 - C) 55 Watts
 - D) 65 Watts
15. The mechanics of human intelligence investigates in _____
- A) Sociology
 - B) Psychology
 - ~~C) Cognitive Science~~
 - D) History
16. A person's ability to recognize and create sounds, rhythms and sound patterns is known as _____ intelligence.
- A) Naturalist
 - B) Interpersonal
 - C) Intrapersonal
 - ~~D) Musical~~
17. Which of the following are the application of AI?
- A) GPS
 - B) Gaming
 - C) Brain Stimulation
 - ~~D) All the above~~
18. Which of the following are the disadvantages of AI?
- A) High Cost
 - B) Slow to implement practically
 - C) Very few engineers available
 - ~~D) All the above~~

19. Which of the following is not an application of AI?

- A) Computer Vision
- B) Natural language processing
- ☒ C) DBMS.
- D) Digital Assistants.

20. In the year _____ first time, AI entered the home in the form of Roomba, a vacuum cleaner.

- ☒ A) 2000
- B) 2001
- C) 2002
- D) 2003

21. Which of the following is not a virtual assistant?

- A) Alexa
- ☒ B) Chat bot
- C) Cortana
- D) Siri

22. In AI navigation. GPS technology can provide users with _____

- A) Accurate
- B) Timely
- C) Detailed information to improve safety
- ☒ D) All of the above

23. What is the advantage of AI in education?

- A) Monitor and analyze student progress
- B) Saves time
- C) Improve efficiency
- ☒ D) All of the above.

24. Robotics institute in the USA is located at.

- A) SRI
- B) MIT
- C) RAND
- ☒ D) CMU

25. Which of the following is the very First humanoid robot?

- ☒ A) Sophia
- B) ASIMO
- C) Pepper
- D) Romeo

26. One of the following rotational motions of a robot arm?

- A) Retrograde
- ☒ B) Roll
- C) Swivel
- D) Axle

27. Drivers are called

- A) Sensors
- B) Manipulator
- ☒ C) Actuators
- D) Controller

28. Which of the following premises is least likely to include operational robots?

- A) Car Showroom
- B) Private homes ✓
- C) Hospitals
- D) Factory

29. Which of the following is not a application of Robotics?

- ☒ A) Hills
- B) Medicine
- C) Military
- D) Industries

30. DARPA the agency that has funded a great deal of American Artificial Intelligence research is part of the _____

- A) Education
- ☒ B) Defence
- C) Energy
- D) Justice