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Unit 3 - Week 0 Assignment

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment.

The questions in this assignment are FAQ based. Please visit the course preview (https://swayam.gov.in/nd1_noc20_cs81/preview) page and check out videos on “How does an NPTEL online course work?” (https://onlinecourses.nptel.ac.in/noc20_cs81/unit?unit=1&lesson=87) and recent announcements (https://onlinecourses.nptel.ac.in/noc20_cs81/announcements) and the forum before attempting the assignment.

1) The reasons why you have registered for the AI:SMPS course are

- A certificate from NPTEL IIT will be good on your resume
- You are curious why AI is such a buzz word nowadays
- The course will help with a similar course you plan to do in college
- You are interested in exploring how machines can be made intelligent
- You are interested in cognition in general
- You think this course is about machine intelligence and data science
- You want to explore how computers can solve problems autonomously

No, the answer is incorrect.
Score: 0
Accepted Answers:
A certificate from NPTEL IIT will be good on your resume
You are curious why AI is such a buzz word nowadays
The course will help with a similar course you plan to do in college
You are interested in exploring how machines can be made intelligent
You are interested in cognition in general
You think this course is about machine intelligence and data science
You want to explore how computers can solve problems autonomously

2) The course runs over 12 weeks culminating in a final 3 hour exam (assuming things become normal by October). Which of the following are good strategies to get a good certificate on completion?

- Study only in the last two weeks since the final exam has 75% weight
- Sample the videos every week, and binge watch them in the last two weeks
- Watch the videos as soon as you can. Think about them. Then attempt the quizzes
- Look at the weekly quiz. Scan the videos for answers and do them quickly

No, the answer is incorrect.
Score: 0
Accepted Answers:
Watch the videos as soon as you can. Think about them. Then attempt the quizzes

3) The online exams are evaluated automatically. Which of the following are true in your opinion when there are multiple choice questions with multiple correct choices?

- It is best to tick all answers, you will cover all correct choices
- Tick all choices you think are correct. Any negative marks for wrong choices will get compensated by correct choices. This maximizes your chances
- Tick all answers you know are correct. Because any wrong answer will result in zero for the entire question
- You need to mark all correct answers and no wrong answers to get any marks in the question
- You need to mark some correct answers and no wrong answers to get partial marks in the question

No, the answer is incorrect.
Score: 0
Accepted Answers:
Tick all answers you know are correct. Because any wrong answer will result in zero for the entire question You need to mark some correct answers and no wrong answers to get partial marks in the question
4) The online exams are evaluated automatically. Which of the following are true in your opinion when there are multiple choice questions with one correct choice?

- If you do not know the answer it is okay to guess. There are no negative marks.
- If you do not know the answer it is not okay to guess. There are negative marks.
- Negative marks are a fraction of the positive marks. If you can eliminate a couple of choices it is better to guess.
- Negative marks are the same as positive marks. If you guess wrong you get full negative marks.

No, the answer is incorrect.
Score: 0
Accepted Answers:
If you do not know the answer it is okay to guess. There are no negative marks.

5) The online exams are evaluated automatically. Which of the following are true in your opinion when there are short answer type questions?

- You need to read the instructions about the expected format of the answers very carefully.
- The answers are evaluated by string matching. Your answer needs to be exact.
- A natural language processing system is reading your answers. It will understand what you meant to say.
- Extra blanks are taken care of during processing. You can insert them freely.
- Extra punctuation marks, including brackets, are ignored.

No, the answer is incorrect.
Score: 0
Accepted Answers:
You need to read the instructions about the expected format of the answers very carefully.
The answers are evaluated by string matching. Your answer needs to be exact.

6) Which of the following statements are true about this course?

- You may take this course any number of times and also take the exam any number of times, there is no upper limit. Some students take this course multiple times to improve their score.
- It takes much more than one hour to understand the contents of a one hour lecture, so accordingly plan your time. Last minute preparation is not useful.
- Assignments are released one week in advance. That gives you enough time to watch the videos and work out the assignments. Again, last minute preparation is not useful.
- Some assignment questions will be drawn from forum discussions. So regularly check the forum.
- Some participants try the assignments first and then watch the lectures. Some watch the lectures and then try the assignments. Some go back and forth.
- Participants come from diverse backgrounds, with different skill sets and different priorities, so do not compare yourself with other participants. Complete this course at your own pace.
- Many talented people come from non-English speaking backgrounds. So do not worry about lack of English speaking/writing skills. Feel free to post your doubts in the forum. Language is not an issue.
- All the above statements are true, so do go back and read the points, then mark all the options including this option.

No, the answer is incorrect.
Score: 0
Accepted Answers:
You may take this course any number of times and also take the exam any number of times, there is no upper limit. Some students take this course multiple times to improve their score.
It takes much more than one hour to understand the contents of a one hour lecture, so accordingly plan your time. Last minute preparation is not useful.
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All the above statements are true, so do go back and read the points, then mark all the options including this option.

7) Programming requirements for the course.

- Fundamental concepts presented in this course can be understood without prior programming experience.
- To work out assignments you need a Wikipedia level exposure to Algorithms, Tuple, List, Stack, Array, Tree, Graph. Some basic operations on Lists are covered in the lecture.
- Participants with programming experience have the opportunity to implement and test the algorithms presented in this course.
- For participants who are learning to program, this course is a goldmine. There is so much you can practice here.
- Participants who are strong in programming tend to implement the algorithms presented in this course and they use their programs to solve assignment problems. Smart move. They score well in assignments and not so well in exams. It is a disaster. Therefore, it is a good idea to work out the assignments by hand and use your programs to verify your answers.

No, the answer is incorrect.
Score: 0
Accepted Answers:
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To work out assignments you need a Wikipedia level exposure to Algorithms, Tuple, List, Stack, Array, Tree, Graph. Some basic operations on Lists are covered in the lecture.
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8) Course material: Which of the following is a recommended Text book for this course? 1 point

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:

9) Course material: Which of the following are recommended Reference books for this course? 1 point
   - Eugene Charniak, Drew McDermott. Introduction to Artificial Intelligence, Addison-Wesley, 1985
   - Patrick Henry Winston. Artificial Intelligence, Addison-Wesley, 1992

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - Eugene Charniak, Drew McDermott. Introduction to Artificial Intelligence, Addison-Wesley, 1985
   - Patrick Henry Winston. Artificial Intelligence, Addison-Wesley, 1992

10) What else, in addition to the suggested readings on the course page, fall in the category of course material? 1 point
    - Weekly video lectures
    - Lecture slides
    - New material, problems, clarifications and addendum posted in the forum
    - Video-transcripts (subject to availability)
    - The mighty Google. As always Google is your friend

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - Weekly video lectures
   - Lecture slides
   - New material, problems, clarifications and addendum posted in the forum
   - Video-transcripts (subject to availability)
   - The mighty Google. As always Google is your friend