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MBA IV Semester

M-452
Artificial Intelligence For Managers

Sample Questions

Part A: Short answer question (up to 25 words)

Part B: Analytical/ problem Solving questions

Part C: Descriptive/ Analytical/ Problem Solving/ Case questions.

Part A

Unit 1 Introduction

Q1. How artificial intelligence is useful for managers?
Q2. What questions can be asked on artificial intelligence?
Q3. What is a good introduction about artificial intelligence?
Q4. What is artificial intelligence short answers?

Unit 2Foundation of AI

Q5. What are the key foundations of AI?
Q6. What is AI basic questions?
Q7. What is the foundation of AI based on?
Q8. What are the four foundations of AI?

Unit 3AI and Business Functions

Q9. What questions can be asked on artificial intelligence?
Q10. What is the relationship between AI and business?
Q11. How does AI contribute to business?
Q12. What are the 4 functions of AI?

Unit 4AI Powered Business Intelligence

Q13. What questions can be asked on artificial intelligence?
Q14. What are the five questions of business intelligence?
Q15. How does AI impact business intelligence?
Q16. What are the 4 powerful examples of artificial intelligence?

Unit 5AI & Machine Learning

Q17. What questions can be asked on artificial intelligence?
Q18. What questions are asked in machine learning?
Q19. What is artificial intelligence AI)? Give any five examples?
Q20. What are the big questions in AI?

Unit 6Application in IT Management

Q21. What are the different types of AI?
Q22What is Deep Learning?
Q23. What are Bayesian Networks?
Q24. What is Q-Learning?

Unit 7Data Science

Q25.What questions can be asked on artificial intelligence?
Q26. What is artificial intelligence AI)? Give any five examples?
Q27. What is an example of artificial intelligence in data science?
Q28. How does artificial intelligence affect business?

Unit 8 AI & Machine Learnings

Q29. What questions can be asked on artificial intelligence?
Q30. What questions are asked in machine learning?
Q31. What is artificial intelligence AI)? Give any five examples?
Q32. What are the big questions in AI?

Part B

Unit 1

Q1What is the difference between Artificial Intelligence, Machine Learning, and Deep Learning?

Q2What are the Different Types of AI?Mention Some Popular Domains of AI.

Q3 What is the difference between Weak AI and Strong AI?

Q4 What is an expert system? What are its characteristics?

Q5 What is an Artificial Neural Network? Name some of the commonly used ones.

Unit 2

Q6. Differentiate between Natural(Human) Intelligence & Artificial Intelligence

Q7. Mention some related fields of Artificial Intelligence

Q8.What is the company's plan to turn AI into an opportunity?

Q9.Does the company have the necessary data to feed the AI model?

Q10.How will AI be integrated with the company's overall strategy?

Unit 3

Q11. Mention some popular Machine Learning Algorithms?

Q12. Differentiate between parametric and non-parametric models.

Q13What is an Artificial Neural Network? Name some of the commonly used ones.

Q14. What are the Advantages of an Expert System?

Unit 4

Q15. What are some reasons that established firms might resist adopting new technologies?

Q 16.What determines whether an industry is likely to have one or a few dominant designs?

Q17. What are the latest trends and innovative strategies to take advantage of the opportunities that digital disruption is creating?

Q18**.** Will these technologies create flexible and customer-oriented productive and logistic processes?

Unit 5

Q19. What are the expected returns from applying this technology?

Q20What is the difference between conventional computing and AI computing ?

Q21.What are the main aspect considered before solving a complex AI problem what is state space representation in AI?

Q22. What is Artificial Intelligence? Give an example of where AI is used on a daily basis?

Q23. Explain the commonly used Artificial Neural Networks.

Feedforward Neural Network

Unit 6

Q24.Explain the assessment that is used to test the intelligence of a machine.

Q25. What is the difference between parametric & non-parametric models?

Q26. Explain the different algorithms used for hyper parameter optimization.

Q27. What is the purpose of Deep Learning frameworks such as Keas, Tensor Flow, and PyTorch?

Q28. Which is better for image classification? Supervised or unsupervised classification? Justify.

Unit 7

Q29. What is Artificial Intelligence? Give an example of where AI is used on a daily basis.

Q30. What is the difference between AI, Machine Learning and Deep Learning?

Q31. How is Machine Learning related to Artificial Intelligence?

Q32. How does Reinforcement Learning work? Explain with an example.

Q33. How will AI be integrated with the company's overall strategy?

Unit 8

Q34. **How will AI be integrated with the company's overall strategy?**

Q35. What is the intelligent agent in AI, and where are they used?

Q36What is an Artificial neural network? Name some commonly used Artificial Neural networks.

Part C

Unit 1

Q1. Explain Goal Based Agent and Utility based Agent architecture with proper diagram.

Q2. What is natural language processing mention it application for many AI what are some problem which ways in natural language understanding for autonomous machine like robots intelligent computers

Unit 2

Q3. What challenges do you face while formulating digital transformation projects? What are some important elements to focus on while developing a website?

Q4.What will you do to get employees on board with digital transformation? How do you manage change for employees in a digital transformation project?

Unit 3

Q5. How can companies organize themselves effectively and creatively for innovation for AI?

Q6. What are the latest trends and innovative strategies to take advantage of the opportunities that AI disruption is creating?

Q7. Is it possible to lead in technological innovation and anticipate the needs and experiences of the future with a positive Artificial Intellegence?

Q8. Will these technologies create flexible and customer-oriented productive and logistic processes for machine learning and business Intellegent?

Unit 4

Q9. In what industries would you expect to see particularly short technology cycles in Future work ?

Q10. In what industries would you expect to see particularly long technology cycles option of AI in Business?

Q11. What factors might influence the length of technology cycles in an industry Adoption of AI in Business?

Unit 5

Q12. What are the latest trends and innovative strategies to take advantage of the opportunities that digital disruption is creating for Intelligence of AI?

Q13. How can businesses use Deep learning with understanding of key player in the AI research to better understand their target audience and develop more effective marketing strategies?

Q14. What are the key ethical considerations that must be taken into account when Application of ML in Business, and how can businesses ensure that they are collecting data in a responsible and transparent manner?

Unit 6

Q15. Finite difference filters in image processing are very susceptible to noise. To cope up with this, which method can you use so that there would be minimal distortions by noise?

Q16. A bank manager is given a data set containing records of 1000s of applicants who have applied for a loan. How can AI help the manager understand which loans he can approve? Explain.

Unit 7

Q17. Let's say that you started an online shopping business and to grow your business, you want to forecast the sales for the upcoming months. How would you do this? Explain.

Q18. 'Customers who bought this also bought this…' we often see this when we shop on Amazon. What is the logic behind recommendation engines?

Unit 8

Q19. What is market basket analysis and how can Artificial Intelligence be used to perform this?

Q20. The crop yield in India is degrading because farmers are unable to detect diseases in crops during the early stages. Can AI be used for disease detection in crops? If yes, explain. **?**