



**B.Sc./B.Com/B.C.A. III Semester Degree Examination,
April/May - 2024**

COMPUTER SCIENCE

**Artificial Intelligence (SEC - 2)
(NEP)**

Time : 1 Hour

Maximum Marks : 30

1. You are designing an AI application that uses images to detect cracks in car wind shields and warns drivers when a wind shield should be repaired or replaced. What AI work load is described ? **30x1=30**
(A) Computer vision (B) Anomaly Detection
(C) Natural language processing (D) All of the above

2. What is one aspect that may impair facial detection ?
(A) Glasses (B) Extreme angles
(C) Fast shutter speed (D) None of the above

3. You want to use the language service to determine the key talking points in a text document, which feature of the service should you use.
(A) Sentiment analysis (B) Key phrase Extraction
(C) Entity detection (D) All of the above

4. You are developing an application that must take English input from a microphone and generate a real-time text based transcription in Hindi. Which service should you use ?
(A) Translator (B) Speech (C) Language (D) Spoke

5. Which data format is accepted by Azure cognitive search when you're pushing data to the index ?
(A) CSV (B) SQL (C) JSON (D) All of the above



6. In 2022, Open AI Research Company, created a.
(A) Chatbot (B) DALL-E (C) Chatroom (D) Chat
7. Which data analyst task has a critical performance impact on reporting and data analysis ?
(A) Model (B) Analyze (C) Visualize (D) All of the above
8. Which one of the following options is the most important key benefit of data analysis ?
(A) Decisive analytics (B) Informed business decisions
(C) Complex reports (D) All of the above
9. What type of Expression do you use to Extract data from Microsoft SQL server ?
(A) DAX (B) T-SQL (C) MDX (D) All of the above
10. Which of the following filters are not available in power BI reports ?
(A) Drill through (B) Page type (C) Report level (D) Page level
11. Power BI paginated reports is an Evolved technology that was built from which Original tool ?
(A) SQL Server Analysis Service (B) SQL Server Reporting Services
(C) Microsoft Share point (D) All of the above
12. Where are data set - Scheduled refreshes configured ?
(A) Power BI Service (B) Power BI Desktop
(C) App Source (D) All of the above
13. Where can you test RLS by using different Security roles ?
(A) Power BI Desktop only
(B) Power BI Service only
(C) Both power BI Desktop and power BI Service
(D) All of the above
14. SQL stands for :
(A) Structure Query Language (B) Simple Query Language
(C) Stand Query language (D) Stack Query Language



15. You need to predict the animal population of an area. Which Azure Machine learning type should you use ?
(A) regression (B) clustering
(C) classification (D) numerical value
16. Counting the number of animals in an area based on a video feed is an example of.
(A) Forecasting (B) Computer vision
(C) Conversational AI (D) Anomaly detection
17. Which type of artificial intelligence workload uses sensors to proactively alert users about potential Equipment mechanical failures ?
(A) Anomaly detection (B) Computer vision
(C) Natural language processing (D) Conversational AI
18. Which technique serves as the basis for modern image classification solutions ?
(A) Deep learning (B) Anomaly detection
(C) Linear regression (D) Multiple linear regression
19. You can exchange chatbot activities with other services by implementing _____.
(A) Cards (B) Channels (C) Dialog (D) Turns
20. Which of the following programming languages supported by Azure ?
(A) Java (B) C# (C) PHP (D) all of the above
21. Abbreviation of paas is _____.
(A) Platform As Azure Service (B) Platform As a Service
(C) Internet as a Service (D) information as Azure Service
22. _____ detects and reads car registration plates in an image.
(A) Object detection (B) Image classification
(C) OCR (D) NLP
23. Amongst which of the following is/are tools used in Data Analytics.
(A) SAS (B) R
(C) Python (D) All of the mentioned about



24. Which data analyst task has Critical performance impact on reporting and data analysis ?
(A) Model (B) Analyse (C) Visualise (D) Manage
25. _____ is formed by a flow of activities.
(A) Card (B) Channels (C) Dialog (D) Turns
26. Activities are exchanged across _____, such as web chat, Email or Microsoft teams.
(A) Cards (B) Channels (C) Dialog (D) Turns
27. AML stand for :
(A) Azure Machine learning (B) Azure Machanic learn
(C) Azure Methods level (D) Azure Machanic level
28. _____ is an example of unsupervised machine learning.
(A) Clustering (B) Regression
(C) Computer vision (D) Custom vision
29. In 2022, Open AI, an AI Research Company, Created an image generation application known as _____.
(A) DALL-E (B) Chatroom
(C) Chat (D) Chat bar
30. Natural language Learning models are trained on words or chunks of characters known as _____.
(A) Tokens (B) Identifiers (C) Keywords (D) Literals

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