

Final Test Semester 4 Paper 21 INDIAN INSTITUTE OF MATERIALS MANAGEMENT Business-Analytics [PGDMM , PGDSCM & L (2 years)]

Instructions:

1. Answer all 50 questions. Each question carries 2 marks Total : 100 Marks
2. Duration 1 Hour.

***Required**

1. Email *

2. Name *

Mark only one oval.

Option 1

3. Roll Number *

4. 1. Business analytics results in which of these?

Mark only one oval.

Evidence Based Decisions

Data Driven Decisions

Better Decisions

All of these are correct

5. 2. The first step in the business analytic process is?

Mark only one oval.

- Determine the needs of the business
- Collect the data
- Analyze the data
- Predict the outcome

6. 3. Business analytics can be used for which of the following?

Mark only one oval.

- Finding patterns
- Verifying previous decisions
- Predicting results
- All of these are correct

7. 4. What should the BA begin analyzing stakeholders to identify those who could potentially influence the deliverables of the project? Choose the best answer

Mark only one oval.

- The mission statement of the business area and its organizational charts
- A description of the type of solution components that will be delivered
- A description of the approach that will be taken to implement a new set of capabilities
- A description of the methodology that will be used to deliver the new set of capabilities

8. 5. The difference between a traditional focus group and an online focus group is

Mark only one oval.

- Traditional focus group is considered a form of qualitative research while an online focus group produces quantitative
- Traditional focus group meets in same physical room while online focus group participate via network connection
- Traditional focus groups requires a moderator while online focus groups does not require moderator
- There is no difference between a traditional focus group and an online focus group

9. 6. The following modeling concept is used to create a set of view of requests, allows the business analytic to determine when info associated with an entity may change the validity of values of info the way decisions are made in a process, and the priorities of an organization:

Mark only one oval.

- Relationships
- Rules
- Events
- Processes

10. 7. All of the following are not outcomes of feasibility analysis except

Mark only one oval.

- Description of the approach that will be taken to implement a new set of capabilities
- Description of the type of solution components that will be delivered
- The mission statement of the buss area and its org charts
- A description of the methodology that will be used to deliver the new set of capabilities

11. 8. To create a navigation flow, a business analyst must use which technology?

Mark only one oval.

- Prototype
- UC
- User stories
- Interface analysis

12. 9. Mr. A has captured a list of required attributes. He would like to express them in a way that can be easily understood by stakeholders. Which type of specification can be used to best express this information?

Mark only one oval.

- Matrix
- A model
- Text
- Diagram

13. 10. All of the following are important ingredients for preparing for Requirements Elicitation sessions except:

Mark only one oval.

- Session objectives so people know the purpose of the session.
- Desired outcome so people know what should be produced as part of the session.
- Gauging the group's ability to reach consensus
- A plan for the Requirements Elicitation techniques to be used during the session

14. 11. What would you do when validating requirements, to assess the individual requirements or features to ensure that they deliver value

Mark only one oval.

- Determine dependencies for benefit realization
- Define measurable evaluation criteria
- Determine business value
- Identify assumption

15. 12. Which one of the following outputs include document appropriate to the technique and capture of the information provided by the stakeholder

Mark only one oval.

- Elicitation results
- Scheduled resources
- Requirements stated
- Supporting material

16. 13. Which one of the following is not a successful measure of decision making?

Mark only one oval.

- Confidence of the participants in the decision analysis process is correct
- The impact of uncertainty and new info when making decisions can be effectively assessed
- Agreement by stakeholder that analysis models effectively and completely describe the domain
- Decisions are effective in addressing the underlying problem

17. 14. Which one of the following is needed as prerequisite to performing a structured walk through?

Mark only one oval.

- Requirements approved
- A moderator and a scribe
- Business need definition
- A list of appropriate reviewers

18. 15. Scoring is

Mark only one oval.

- The process of setting rules for the team
- The process of determining how well a solution meets a requirement
- The process of assigning stakeholder and solution requirement to solution components and to releases
- The process of determining the order of imp for all requirements

19. 16. In which of the following tasks of BA should the BA identify opportunities to improve the operation of the business?

Mark only one oval.

- Organization requirement
- Specify and model requirement
- Confirm elicitation results
- Validate solution

20. 17. All the following benefits are gained from the use of the state diagram tech, except

Mark only one oval.

- Clarify conflicting requirement
- Decrease scope
- Uncover missing data
- Uncover behavioral requirement

21. 18. The difference between accept and eval criteria is

Mark only one oval.

- Accept criteria is used as a scale to evaluate the solution where evaluation criteria is used to rank solutions
- Accept criteria is used to measure the usefulness of a solution where evaluation criteria is used to measure its ability to satisfy the Stake Holder requests
- Eval criteria shows the worth of a solution where accept criteria shows the diff between multiple solutions
- Accept criteria shows the worth of a solution where evaluation criteria shows the diff between multiple solution

22. 19. Which of the following is NOT an improvement opportunity in the Specify and Model Requirements task?

Mark only one oval.

- Improve access to stakeholders
- Improve access to information
- Increase consistency of behavior
- Eliminate redundancy

23. 20. Which statement best describes why the stakeholder list is important to prioritizing requirements?

Mark only one oval.

- It ensures all stakeholders have been involved in the requirements management plan which provides the process for prioritization of requirements
- It indicates levels of power to determine which stakeholders are needed for prioritization
- It helps the project manager create the meeting invitation for the requirements prioritization meeting
- It provides the organizational structure that will be impacted by the solution.

24. 21. What technique might be used to help familiarize the project team with the existing solution scope?

Mark only one oval.

- Context scope diagram
- Requirements workshop
- Structured walkthrough
- Brainstorming

25. 22. All of the following stakeholders participate in the prioritization of requirements except for which one?

Mark only one oval.

- Implementation subject matter expert
- End user
- Domain subject matter expert
- Project manager

26. 23. Which conduct stakeholder analysis technique identifies stakeholder roles that may serve as a useful starting point for identifying actors and roles?

Mark only one oval.

- Scope modeling
- RACI
- Scenario and uses cases and user stories
- Interviews

27. 24. You are the business analyst for your organization. You are currently working with Jeff on the organize requirements process. You and Jeff have elected to use the user stories approach for this process. What is the user stories approach for requirements organization?

Mark only one oval.

- Stakeholders' experiences equate to the stakeholder requirements.
- Stakeholders are interviewed and their experiences are recorded to help identify the requirements.
- Stakeholders' objectives are described to identify the requirements that the solution will need to support.
- Stakeholders are interviewed and their stories are recorded as part of the requirements.

28. 25. You are the business analyst for your organization and have many solutions available to an identified problem. You would like a way to quickly and fairly determine which solution is the best choice for your organization. Which of the following approaches would allow you to determine the top-rated solutions for your organization?

Mark only one oval.

- Scoring system
- Acceptance and evaluation criteria
- Vendor assessment
- Stakeholder assessment

29. 26. Jeff is the business analyst for the ACME Organization. Currently Jeff is working on several work products as part of the requirements development process. He may need to share these work products with the stakeholders. Which of the following is not an example of a work product?

Mark only one oval.

- Requirements documentation
- Interview questions and notes
- Meeting agendas and minutes
- Presentation slides

30. 27. You are completing the requirements for vendor selection and need to create a procurement form that will ask the vendor to provide only a price for commercial-off-the-shelf solution. What type of procurement form will you need to provide to the vendor?

Mark only one oval.

- Request for COTS
- Order
- Request for information
- Request for quote

31. 28. You are creating a model that shows how data moves through a system. Each function that modifies the data in any manner is identified, decomposed to smaller levels, and the system is completely described from start to storage. What type of a modeling technique are you using in this scenario?

Mark only one oval.

- Functional decomposition
- Data flow diagramming
- Work decomposition
- Organization modeling

32. 29. Julie is a business analyst and has just received her performance appraisal. Her manager praised her for the confidence her stakeholders have in the process she uses for helping them select correct solutions on her projects. What competency is Julie being praised for?

Mark only one oval.

- Effectiveness of Julie's decision-making abilities.
- Effectiveness of Julie's problem-solving abilities.
- Stakeholders include the BA in the decision making process.
- Effectiveness of Julie's creative thinking abilities.

33. 30. Point out the correct statement.

Mark only one oval.

- Raw data is original source of data
- Pre-processed data is original source of data
- Raw data is the data obtained after processing steps
- None of the mentioned

34. 31. Which of the following is performed by Data Scientist?

Mark only one oval.

- Define the question
- Create reproducible code
- Challenge results
- All of the mentioned

35. 32. Which of the following is the most important language for Data Science?

Mark only one oval.

- Java
- Ruby
- R
- None of the mentioned

36. 33. Which of the following approach should be used to ask Data Analysis question?

Mark only one oval.

- Find only one solution for particular problem
- Find out the question which is to be answered
- Find out answer from dataset without asking question
- None of the mentioned

37. 34. Which of the following is one of the key data science skills?

Mark only one oval.

- Statistics
- Machine Learning
- Data Visualization
- All of the mentioned

38. 35. Which of the following is a key characteristic of a hacker?

Mark only one oval.

- Afraid to say they don't know the answer
- Willing to find answers on their own
- Not Willing to find answers on their own
- All of the mentioned

39. 36. Which of the following is characteristic of Processed Data?

Mark only one oval.

- Data is not ready for analysis
- All steps should be noted
- Hard to use for data analysis
- None of the mentioned

40. 37. Often, Where do the BI applications gather data from?

Mark only one oval.

- Data warehouse
- Data mart
- Both a and b
- Database

41. 38. What does a typical BI environment comprise of?

Mark only one oval.

- Data warehouse
- Data mart
- OLAP TOOLS
- All of the above

42. 39. Which of the following are BI tools?

Mark only one oval.

- Informatica
- Siebel
- Cognos
- All of the above

43. 40. Which of the following is/are correct types of data?

Mark only one oval.

- a. Semi-structured
- b. unstructured data
- c. Both a and b
- d. Semi data

44. 41. Point out the wrong statement with respect to FDR.

Mark only one oval.

- FDR is difficult to calculate
- FDR is relatively less conservative
- FDR allows for more false positives
- None of the mentioned

45. 42. Which of the following is the oldest multiple testing correction?

Mark only one oval.

- Bonferroni correction
- Bernoulli correction
- Likelihood correction
- All of the mentioned

46. 43. The pooled estimator is a mixture of the group variances, placing greater weight on whichever has a larger sample size.

Mark only one oval.

- True
- False
- Continuous
- All of the mentioned

47. 44. Which of the following tool is used for constructing confidence intervals and calculating standard errors for difficult statistics?

Mark only one oval.

- baggyer
- bootstrap
- jackknife
- none of the mentioned

48. 45. Which of the following tool is used for estimating standard errors and the bias of estimators?

Mark only one oval.

- knitr
- jackknife
- ggplot2
- all of the mentioned

49. 46. Power is the probability of rejecting the null hypothesis when it is true.

Mark only one oval.

- True
- False
- Alternative hypothesis
- All of the above

50. 47. Which of the following gave rise to need of graphs in data analysis?

Mark only one oval.

- Data visualization
- Communicating results
- Decision making
- All of the mentioned

51. 48. Which of the following is characteristic of exploratory graph?

Mark only one oval.

- Made slowly
- Axes are not cleaned up
- Color is used for personal information
- All of the mentioned

52. 49. Point out the correct statement.

Mark only one oval.

- coplots are one dimensional data graph
- Exploratory graphs are made quickly
- Exploratory graphs are made relatively less in number
- All of the mentioned

53. 50. Which of the following graph can be used for simple summarization of data?

Mark only one oval.

- Scatterplot
- Overlaying
- Barplot
- All of the mentioned

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