

## Primers Q/A

1. python is a open source or not  
A. open source (T)
2. Absolute value `abs(49.728)` decimal point  
A. 49.728
3. ~~What of random function~~ <sup>Random function</sup> ~~random function~~  
A. `Random.Randint(2, 30)`
4. EC2 compute (or) not.  
A. compute
5. EC2 instance (or) not.  
A. Instance
6. In verification Model who will works.  
A. Developer & Tester.
7. what will scrum do.  
A. scrum divides project into smaller Manageable iterations, called sprints.
8. Lambda is serverless computing (or) not  
A. serverless
9. S3 bucket stores \_\_\_\_  
A. objects.
10. In sql grouping of Attributes by \_\_\_\_  
A. group by
11. Gen AI will Replace human.  
A. No.
12. Gen AI humans source/not.  
A. Not
13. what are html self tags?  
A. Br, hr, input, Image

14. In-Devops, what does shift-left Means

A. Moving tasks & activities traditionally performed later in <sup>or deployment pipeline</sup> SDLC to earlier stages.

15. Service used for data warehouse and for business purposes?

A. AWS Redshift

16. Service for NoSQL database?

A. DynamoDB, MongoDB

17. In transaction how to revert back to the previous version?

A. Rollback.

18. Statements to decide to continue to exit the program to proceed to the next step are called.

A. <sup>conditional</sup> control statements

19. Can Gen AI predict future fashion based on historical data

A. Yes

20. Software configuration Management.

~~Other~~ version control, Synchronisation Management

21. SQL output Rows & columns.

A. . . .

22. Is python scripting language

A. Yes.

23. What is the role of agile methodology.

24. what is the key principle of continuous integration

A. Regularly integrating code changes into a shared repository.

25. HTML get, post operation.

A. Get to request ~~data~~ from the server

To submit data to be processed to service.

26. Scrum Management is framework (or) not

A. Yes.

27. Devops helps to maximize the conversation b/w development team & operations teams?

A. True.

28. Javascript lets you to execute if event occurs (T/F)

A. True.

~~29. what is not the correct form of declaring ID?~~

29. what is not the correct form of declaring ID?

A. Employee Number, 9 Employee

30. In SQL the data is represented in the form of

A. Row & tables

31. IAM IAMI

A. Identity & Access Management.

32. The operator used to compare two values

A. ==



33. The variable type of array is declared by using.

A. `[]`

34. Indexes of Array starts with

A. 0

35. Requirement and feedback are gathered from stakeholders and customers in the \_\_\_\_\_ phase of Devops.

A. plan stage.

36. \_\_\_\_\_ Methodology focus on vizualization flow

A. Kanban.

37. Scrum divides the development into short cycles called as \_\_\_\_\_

A. Sprint cycles.

38. How to know the version of jquery?

A. `$.ui.version`

39. self tag in html?

A. `<br>`, `<hr>`, `<img>`, `<meta>`, `<link>` (`<Input>` is not a self tag)

40. IS html name attribute is obstacle to an anchor tag - true or false?

A. The statement is false.

41. which attribute used for url in audio -

A. SRC.

42. which operator is used to get the range in sql?

A. BETWEEN

43. what will product owner do in agile environment - ~~ask for customers~~.

A. look for customers

44. Scrum agile methodology for day to day activities

A. Scrum.

45. write a SQL query to extract only the name part of an email address (i.e., the part before "@gmail.com") using SQL.

A. 

```
SELECT SUBSTRING-INDEX(email-column, '@', 1) AS name  
FROM your-table-name;
```

46. Key difference b/w EC2 and EBS?

A. EC2 provides resizable compute capacity in the cloud.

EBS provides block-level storage for use with EC2 Instances.

47. foreign key

A. Referential Integrity.

48. \_\_\_\_\_ will not accept Null-value

A. primary key.

49. In MySQL, the count() function is used to count the No. of rows returned by a query.

50. Is discriminative ai is used to a brain generative AI?

A. False

51. \_\_\_\_\_ Methodology is useful when the client requirements are not clear & stable

A. Agile.

52. Determine the cyclomatic complexity

• Begin

accept year

if  $(\text{Cyear} \% 400 = 0) \text{ or } (\text{year} \% 4 = 0 \ \& \ \text{year} \% 100 \neq 0)$

then

print "Leap year"

else

print "Not a leap year"

end if

end

A. 4.

53. The statement(s) within the loop must get executed at least once. T/f.

A. ~~True~~ false [expect-downwhile]

54. The names of all associates undergoing training are stored in an array, `associate_name[50]`. The 5th name is referred as

A. ~~50~~ `associate_name[4]` `associate_name[3+1]`



55. Identify an other term of black box testing.  
A. Behavioural Testing.
56. Can binary search is applicable for unsorted array  
A. false
57.  $d = \lambda s, x: s * x + x$   
 $s = 11$   
 $x = 2$   
A. 24
58.  $ABS(156.986, 2)$   
A. error.
59. Empty place holder in python.  
A. Empty (or) null.
60. what is the syntax to run python  
A. python.
61. Expand RDS  
A. Relational Database ~~service~~ service.
62. Is Array is contiguous (or) not.  
A. True.
63. In GAN Does ~~generator~~ <sup>discriminator</sup> train ~~discriminator~~ generator? T/F  
A. ~~True~~ False.
64. what is the purpose of using devscops  
/ main object of devscops.  
A. security in devops.
65. Devscops.  
A. Development, Security operation.

66. Non-functional Requirements are tested by —

A. system testing.

67. Meta data is described as — in SQL

A. Data ~~dictionary~~ dictionary/data about data.

68. In multibranch, pipeline name should not contain?

A. spaces, slashes, backslashes, special characters.

69. Gen AI doesn't required large datasets

A. false.

70. — operator is used to get the range in SQL.

A. Between

71. — search requires array to be sorted

A. Binary.

72. Name the type of join used to include rows that do not have matching values

A. outer join.

73. Agile technology does not accept change of requirement at any stage

A. false.

74. DevOps maximize the conversion b/w development team & operation team.

A. True.



75. In which phase of SDLC unit testing is performed.

A. construction.

76. what is the use of generative AI in videogames

A. ~~Render~~ procedural data

77. why do we need devscops.

A. TO ~~managing~~ collab blw development & security team.

78. My name: num = 1000, My name: ~~name~~

A. NaN

79. what will be the product owner do in agile. environment.

A. Approach customer

80. Agile methodology main purpose in terms of SW developer.

A. fairly & faster access to customers.

81. precision abstract (49.982)(2) - 49.96

↓  
rounded to 2 decimal

82. what is array.

A. sequence, Randomly, continuous.

83. Gen ai human emotions & intelligence

A. false

84. Identity one (or) more truthful & accurate choices?

a. inline views are utilized for writing complex sql queries without join and sub query operations.

b. In correlated subqueries, Inner query uses values from outer query

c. correlated sub-queries are used for row by row processing

d. None of the given option.

A. B & C

85. IaaS is a type of cloud computing services which offers storage

A. false.

86. MC cube → also known as cyclomatic complexity

→ to measure complexity of software.

87. In devops infrastructure as code means?

A. (practice of Managing & provisioning computer Infrastructure

→ practice of Automatically providing staging environment at the time of deployment

88. In python which operator is used to select the elements in given range?

A. colon(:)

89. phase of analysis?

A. A. - Requirement gathering

B - Requirement specification.

90. how to create empty in python?

A. list-[]

Tuple-()

Set-(), {} empty-set = {}, set()

Dict- {}

91. what is the invocation period for AWS lambda

A. 15 minutes

92. what is the purpose of AWS S3

A. object storage.

93. which of the following options used in natural language processing (NLP)

A. transformer.

94. ~~Q~~ Expand DOD.

A. Definition of Done.

95. Does CSS Modelers & XPath techniques used in jQuery?

A. are not directly used in jQuery itself

But jQuery does offer functionality that allows you to use in DOM (Document object Model).

96. In which sw development model both testing & development happens parallel in

A. V model



97. which of the following options use variation auto encoders.

- A. image generation
- data compression
- Anomaly detection
- semi-supervised.
- Data-imputation.

98. No SQL in AWS

- A. Dynamodb.

99. comments in python?

- A. single line  $\rightarrow \#$
- Multi line  $\rightarrow " " "$

100. ci means  $\rightarrow$  continuous Integration

CD means  $\rightarrow$  continuous Delivery.

101. AWS dynamo DB

- A. NoSQL, non relational, document type, key value.

102. Agile methodology main purpose in terms of s/w development?

- A. Early & faster access to customers.

103. how to declare length of array?

- A. Number = [1, 2, 3, 4, 5]  
len (var)

104. In multibranch pipeline name should not contains?

A. spaces.

105. In CI, we have to select

A. frequently integration.

106. To find an element in an array.

A. Search (or) Index

107. To join  $n+1$  tables how many joins needed

A.  $n$  joins.

108. what is meant by CD?

A.

109. Diff b/w Amazon RDS & Amazon mongodb?

A. No sql  $\rightarrow$  mongodb

Rds  $\rightarrow$  Relational database service

110. Do you have optional else statement in for & while loop?

A. True.

111. Tester + developer works on which model?

A. V-model.

112. Devops SVN (David, Ashwin)  $\rightarrow$  subversion.

A. conflict Resolution.

113. when we don't know condition what type of control structure used

A. while.

Q 114. Hello world 5 times loop based.

A. for i in range 5:

    print('Hello world')

115. when we don't know condition what type of control structure used

A while.

116. GenAI 3gpt prompt uses

A. Generative pre-trained transformer.

117. what does IAM does?

A. Manage access to AWS service & resources securely

118. Devops maximize the communication b/w development team & operation team

A. True.

119. Join Query syntax

A. Join orders ON customers.

customers - id = orders.customer.

120. Agile technology does not accept change of requirement.

A. false

121. what is security sprint.

A. sprint involving in solely on addressing security issues tasks & concerns.



122. Sprint space in Agile?

A.

123. how to declare length of Array?

A. number = [1, 2, 3, 4, 5]

len(~~arr~~ number)

124. Listing slicing problem

• L[-2:-1] print last two numbers.