

Questions & Answers

Review all questions and their correct answers

240

Questions

Correct Answer is highlighted in green.

1 Question 1

In a certain code, if; A-B means, A is wife of B A/B means, A is brother of B A+B means, A is daughter of B AxB means, A is son of B Which of the following expressions represent that D is the father of B?

☐ A B/D+I-K

☒ B BxD/K-I

Correct Answer

☐ C B/I-DxK

☐ D I-K+D+B

2 Question 2

In a certain code, if: If 'A x B' means A is the son of B. If 'A + B' means A is the father of B. If 'A > B' means A is the daughter of B. If 'A < B' means A is the wife of B. Which of the following pairs of people represents cousins with regard to the relations given in the expressions, if it is provided that A is the sister of J? 'L > V < J + P' and 'S X A < D + F < E + K'

☐ A SV



B SP

Correct Answer



C LP



D SF

3 Question 3

Biswas is the father of Tilak. Biswas has only two children. Tilak is the brother of Rani. Rani is the daughter of Pratiksha. Anvi is the granddaughter of Pratiksha. Shoban is the father of Anvi. Rani is married to Shoban. How is Shoban related to Tilak if '%' is son, '\$' is son-in-law, '*' is brother, '&' is brother-in-law?



A *



B \$



C %



D &

Correct Answer

4 Question 4

In each of the four pairs of letter-clusters, the letters in the second term are in a rearrange/transformed form of the letters from the first term in a particular pattern. In which two pairs, has the transformation

been done the same way? [A] FLOWER:EKNVDQ [B] TONGUE:SNMFTD [C] COMMON:XPNNPM [D] ARTIST:TISTAR [E] PRAYER:YREPRA

☐ A B and C

☐ B A and C

☐ C D and A

☒ D A and B

Correct Answer

5 Question 5

Eight friends A, B, C, D, E, F, G and H are sitting around a circular table clockwise in the same sequence around a circular table facing the centre at equal distance between them. Who is sitting in the South-east direction? Statements: I. C is sitting diagonally opposite to G. II. B is sitting in West direction.

☐ A Both the Statements I and II together are necessary

☒ B Statement II alone is sufficient

Correct Answer

☐ C Both the Statements I and II together are not sufficient

☐ D Statement I alone is sufficient

6 Question 6

The difference between the circumference and the radius of a circular playground is 185cms. If one fence is needed around the ground, what will be the cost of fencing if the price for fencing is Rs. 12 per cm?

☐ A Rs. 2720

☐ B Rs. 2160

☐ C Rs. 2280

☒ D Rs. 2640

Correct Answer

7 Question 7

The sides of a triangular park are 36 m, 105 m and 111m. The cost (in INR) of levelling the park at INR. 8.50 per m^2 is

☐ A INR 15.980

☒ B INR 16,065

Correct Answer

☐ C INR 17,010

☐ D INR 15,120

8 Question 8

The capacities of three containers X, Y and Z are 1, 2 and 4 liters respectively. Initially, X is empty, while Y and Z are full of water and milk respectively. X is filled from Y, Y is replenished from Z and X is emptied into Z. If this process is repeated once more, then what will be the ratio of milk in Y to water in Z?

☐ A 3 is to 5

☐ B 4 is to 3

☒ C 1 is to 1

Correct Answer

☐ D 4 is to 5

9 Question 9

A Shopkeeper has initially 400 Cookies. He sold 15% Cookies to Bindhu, 20% more Cookies than Bindhu to Preet, 40% Cookies to Raju and remaining Cookies to Karan. How many Cookies did Karan buy?

☐ A 112

☐ B 96

☐ C 84

☒ D 108

Correct Answer

10 Question 10

The volume of a solid right circular cone of height 16 cm is $15085\frac{5}{7} \text{ cm}^3$. What is the curved surface area (in cm^2) of the cone? (Take $\pi = \frac{22}{7}$) (correct to one decimal place)

☐ A 3300.2

☒ B 3205.7

Correct Answer

☐ C 3200.4

☐ D 3105.8

11 Question 11

30L container has pure milk. 3L of milk is taken out and replaced with water. How many times this process must be done so that the concentration of pure milk reduces by 27.1%?

☒ A 3

Correct Answer

☐ B 4

☐ C 2

☐ D 1

12 Question 12

The difference between two numbers is 76. Thrice the smaller number is less than the larger number by 37.5% of the smaller number. What is the larger number?

☒ A 108

Correct Answer

☐ B 120

☐ C 126

☐ D 102

13 Question 13

In 2020, a certain number of students for institute A appeared in the annual examination and 35% of the students failed. In the same year, 250% more students than that of A appeared in the same examination from institute B. If 70% of the total students of A and B, passed the examination, then the fail percentage of students of institute B is _____. (correct to one decimal place)

☐ A 31.4

☐ B 25.7

☐ C 32.2

☒ D 28.57

Correct Answer

14 Question 14

A shopkeeper gains 20% by selling an article at 25% discount on its marked price. If the cost price of the article increases by 20%, how much discount percentage should he give now on the same marked price to get a profit of 8%?

☐ A 20

☒ B 19

Correct Answer

☐ C 16.5

☐ D 12.5

15 Question 15

The List Price of an item was kept 40% above what the shopkeeper had paid to the manufacturer. On selling the item a profit of 8.64% was earned after allowing two successive discounts, the first one of which was 20%. What was the percentage of the second discount?

☐ A 3.25

☐ B 3.6

☐ C 3.84

☒ D 3

Correct Answer

16 Question 16

Six friends A,B,C,D, E, F are standing in a row facing east. 1. C is in between B and D 2. E is in between D and F 3. D is right to E and left to C 4. If A is standing extreme right in the row, who on the extreme left?

☒ A A. F

Correct Answer

☐ B B. B

☐ C C. D

☐ D D. C

17 Question 17

Five persons P, Q, R, S and T are sitting in a row. Who is sitting in the middle? Statements: 1. P is between R and Q. Q is on the left to P 2. T is between Q and S 3. T is on the left of Q but the right of S

☐ A A. Statement III alone is sufficient

☐ B B. Statement II alone is sufficient

☒ C C. Both statements I and II are together sufficient

Correct Answer

☐ D D. Statement I alone is sufficient

18 Question 18

Statement: Our city has got the maximum rainfall this year in comparison to the last 10 years.

Assumptions: I. The city was facing drought since last 10 years II. Many areas in the city got flooded due to such heavy rainfall

☐ A A. Only I is implicit

☐ B B. Both I and II are implicit

☒ **C. Neither I nor II is implicit**

Correct Answer

☐ **D. Only II is implicit**

19 Question 19

Statements: 1. No poet is singer 2. All poets are dancers
Conclusions: 1. No singer is dancer 2. No dancer is singer

☐ **A. Only I follows**

☐ **B. I and II follows**

☐ **C. Only II follows**

☒ **D. None of the conclusions follow**

Correct Answer

20 Question 20

In a group of six friends P,Q,R,S,T and U of different ages but all have their birthdays on the same date. The youngest is seventeen years old and the oldest is T of 22 years. U is somewhere between Q and S in age. P is Older than Q. R is older than S. If Q is 17 years old, which of the following could be the age of S and R respectively?

☐ **A. 18 and 20**

☐ B B. 19 and 18

☒ C C. 19 and 21

Correct Answer

☐ D D. 17 and 20

21 Question 21

Six friends P, Q, R, S, T and U are in a group. 1. Q and R are shorter than U but heavier than P 2. S is heavier than Q and taller than R 3. T is shorter than S but taller than U 4. U is heavier than S 5. P is shorter than T but taller than U Who is tallest in the group?

☐ A A. P

☐ B B. Q

☐ C C. R

☒ D D. S

Correct Answer

22 Question 22

In a certain code, P+Q means P is the husband of Q; P-Q means P is the daughter of Q and P/Q means P is wife of Q If A+B-C/D, then which of the following is true?

☐ **A** A. C is the mother of A

☐ **B** B. D is the mother of B

☒ **C** **C. D is the father of B**

Correct Answer

☐ **D** D. A is the brother of D

23 Question 23

Below is a question followed by 2 statements, I and II, each containing some information: Among six family members O, P, Q, R, S and T, how many are male in the family? Statements: I. Q is the wife of P and the mother of T. R is the grandmother of O and the mother of P II. T is the granddaughter of S. R is the grandmother of O and T.

☒ **A** **A. Both the statements I and II together are not sufficient**

Correct Answer

☐ **B** B. Statement II alone is sufficient

☐ **C** C. Both the statements I and II together are necessary

☐ **D** D. Statement I alone is sufficient

24 Question 24

Statement : Should all the government departments in the country be handed over to the private sector? Arguments: I. No. The private sector will not be sure to handle the entire government departments which are made for social services II. Yes. Private sector will handle all the departments better than the government.

☐ A A. All of I, II and III are strong

☐ B B. Only argument I is strong

☐ C C. Only argument II is strong

☒ D D. Both I and II are strong

Correct Answer

25 Question 25

How is Seema related to Ram? Statements: I. Ram has a brother, Mohan. Mohan is the son of Rahul. Seema is Rahul's sister. II. Rahul is the father of Ram and brother of Seema.

☐ A A. Either the statement I or II are sufficient

☒ B B. Statement I alone is sufficient

Correct Answer

☐ C C. Both the statements I and II together are necessary

☐ D D. Statement II alone is sufficient.

26 Question 26

A frog is in the bottom of a 20m deep well. Every day it jumps 5 metres upwards and falls 4 metres down. How many days will it take for the frog to get out of the well?

☐ A 15

☒ B 16

Correct Answer

☐ C 19

☐ D 20

27 Question 27

Three runners A, B and C run a race, with runner A finishing 24 meters ahead of B and 36meters ahead of C, while runner B finishes 16 meters ahead of run C. Each runner travels the entire distance at a constant speed. What was the length of race?

☒ A 93 m

Correct Answer

☐ B 72 m

☐ C 120m

☐ D 144 m

28 Question 28

A train starts full of passengers. At the first station, it drops one-third of the passengers and takes 280 more. At the second station, it drops one-half of the new total and takes 12 more. On arriving at the third station, it is found to have 248 passengers. Find the number of passengers in the beginning.

☐ A 248

☐ B 280

☐ C 240

☒ D 288

Correct Answer

29 Question 29

Elephant competitions are of great entertainment value in south India. In one such competition held in Cochin, 200 elephants participated. Each elephant was given equal amount of milk to drink for a certain time period. Whichever elephant could drink the maximum would be the winner. One of the elephants named Garru could drink $\frac{1}{3}$ of the amount of milk offered. Another elephant named Marta could drink only $\frac{1}{20}$ of the amount of milk offered, but it was better than Thorny which could drink $\frac{2}{45}$ of the amount of milk offered. Amazingly Darrru could drink 6 litres more than $\frac{1}{4}$ of the amount of milk

offered, where as Malar could drink $\frac{2}{15}$ of the amount of milk offered. If the amount of milk left over by the elephants Garru and Daru were same, then calculate the total amount of milk offered to each elephant.

☐ A 80 L

☐ B 78 L

☒ C 72 L

Correct Answer

☐ D 76 L

30 Question 30

Find the number of zeros in the expression $15 \times 32 \times 25 \times 22 \times 40 \times 75 \times 98 \times 112 \times 125$

☐ A 7

☒ B 9

Correct Answer

☐ C 12

☐ D 14

31 Question 31

Given table Employees(id, name, dept, salary): 101 Alice Sales 50000 102 Bob IT 60000 103 Carol Sales 55000 104 David IT 45000 105 Eve HR 40000 What is the output of: SELECT COUNT(*) FROM Employees;

☐ A A. 4

☒ B B. 5

Correct Answer

☐ C C. 6

☐ D D. 3

32 Question 32

Given table Employees(id, name, dept, salary): 101 Alice Sales 50000 102 Bob IT 60000 103 Carol Sales 55000 104 David IT 45000 105 Eve HR 40000 What is the output of: SELECT SUM(salary) FROM Employees;

☐ A A. 245000

☒ B B. 250000

Correct Answer

☐ C C. 255000

☐ D D. 200000

33 Question 33

Given table Employees(id, name, dept, salary): 101 Alice Sales 50000 102 Bob IT 60000 103 Carol Sales 55000 104 David IT 45000 105 Eve HR 40000 What is the output of: SELECT DISTINCT dept FROM Employees;

☒ A **A. Sales, IT, HR**

Correct Answer

☐ B B. Sales, IT

☐ C C. Sales, IT, HR, Marketing

☐ D D. IT, HR

34 Question 34

Given table Employees(id, name, dept, salary): 101 Alice Sales 50000 102 Bob IT 60000 103 Carol Sales 55000 104 David IT 45000 105 Eve HR 40000 What is the output of: SELECT name FROM Employees ORDER BY salary ASC LIMIT 1;

☐ A A. Alice

☒ B **B. Eve**

Correct Answer

☐ C C. David

☐ D D. Bob

35 Question 35

Given table Employees(id, name, dept, salary): 101 Alice Sales 50000 102 Bob IT 60000 103 Carol Sales 55000 104 David IT 45000 105 Eve HR 40000 What is the output of: SELECT name, salary FROM Employees WHERE dept = 'IT' ORDER BY salary;

☒ A A. David-45000, Bob-60000

Correct Answer

☐ B B. Bob-60000, David-45000

☐ C C. Bob-60000 only

☐ D D. David-45000 only

36 Question 36

Given table Employees2(id, name, manager_id): 1 Alice NULL 2 Bob 1 3 Carol 1 4 David 2 What is the output of: SELECT COUNT(*) FROM Employees2 WHERE manager_id IS NULL;

☐ A A. 0

☒ B B. 1

Correct Answer

☐ **C** C. 2

☐ **D** D. 4

37 **Question 37**

Given table Employees(id, name, dept, salary): 101 Alice Sales 50000 102 Bob IT 60000 103 Carol Sales 55000 104 David IT 45000 105 Eve HR 40000 What is the output of: SELECT UPPER(name) FROM Employees WHERE id = 101;

☐ **A** A. alice

☐ **B** B. Alice

☒ **C** **C. ALICE**

Correct Answer

☐ **D** D. AlicE

38 **Question 38**

Given table Employees(id, name, dept, salary): 101 Alice Sales 50000 102 Bob IT 60000 103 Carol Sales 55000 104 David IT 45000 105 Eve HR 40000 What is the output of: SELECT LENGTH(name) FROM Employees WHERE name = 'Carol';

☐ **A** A. 4



B

B. 5

Correct Answer



C

C. 6



D

D. 3

39 Question 39

Given table Employees(id, name, dept, salary): 101 Alice Sales 50000 102 Bob IT 60000 103 Carol Sales 55000 104 David IT 45000 105 Eve HR 40000 What is the output of: SELECT SUBSTRING(name, 1, 3) FROM Employees WHERE id = 104;



A

A. Dav

Correct Answer



B

B. Dvd



C

C. David



D

D. avi

40 Question 40

Given table Employees(id, name, dept, salary): 101 Alice Sales 50000 102 Bob IT 60000 103 Carol Sales 55000 104 David IT 45000 105 Eve HR 40000 What is the output of: SELECT

ROUND(AVG(salary), 0) FROM Employees;

☐ A A. 48000

☒ B B. 50000

Correct Answer

☐ C C. 52000

☐ D D. 45000

41 Question 41

Given table Students(id, name, class, marks): 1 Ravi 10 85 2 Sneha 10 92 3 Aman 9 76 4 Priya 9 88 5 Kabir 10 65 What is the output of: SELECT COUNT(*) FROM Students WHERE class = 10;

☐ A A. 2

☒ B B. 3

Correct Answer

☐ C C. 4

☐ D D. 1

42 Question 42

Given table Students(id, name, class, marks): 1 Ravi 10 85 2 Sneha 10 92 3 Aman 9 76 4 Priya 9 88 5 Kabir 10 65 What is the output of: SELECT AVG(marks) FROM Students WHERE class = 9;

☐ A A. 80

☒ B B. 82

Correct Answer

☐ C C. 84

☐ D D. 78

43 Question 43

Given table Students(id, name, class, marks): 1 Ravi 10 85 2 Sneha 10 92 3 Aman 9 76 4 Priya 9 88 5 Kabir 10 65 What is the output of: SELECT name FROM Students WHERE marks > 80 ORDER BY marks DESC;

☒ A A. Sneha, Priya, Ravi

Correct Answer

☐ B B. Ravi, Priya, Sneha

☐ C C. Sneha, Ravi, Priya

☐ D D. Priya, Sneha, Ravi

44 Question 44

Given table Students(id, name, class, marks): 1 Ravi 10 85 2 Sneha 10 92 3 Aman 9 76 4 Priya 9 88 5 Kabir 10 65 What is the output of: SELECT MAX(marks) FROM Students;

☐ A A. 88

☐ B B. 85

☒ C C. 92

Correct Answer

☐ D D. 76

45 Question 45

Given table Students(id, name, class, marks): 1 Ravi 10 85 2 Sneha 10 92 3 Aman 9 76 4 Priya 9 88 5 Kabir 10 65 What is the output of: SELECT class, COUNT(*) FROM Students GROUP BY class;

☒ A A. 10-3, 9-2

Correct Answer

☐ B B. 10-2, 9-3

☐ C C. 10-3, 9-3

☐ D D. 10-2, 9-2

46 Question 46

Given table Students(id, name, class, marks): 1 Ravi 10 85 2 Sneha 10 92 3 Aman 9 76 4 Priya 9 88 5 Kabir 10 65 What is the output of: SELECT name FROM Students WHERE marks BETWEEN 70 AND 90;



A

A. Ravi, Aman, Priya

Correct Answer



B

B. Ravi, Sneha, Priya



C

C. Aman, Priya



D

D. Ravi, Priya

47 Question 47

Given table Students(id, name, class, marks): 1 Ravi 10 85 2 Sneha 10 92 3 Aman 9 76 4 Priya 9 88 5 Kabir 10 65 What is the output of: SELECT name FROM Students WHERE class = 10 AND marks < 70;



A

A. Kabir

Correct Answer



B

B. Ravi



C

C. Sneha

☐ D D. No rows returned

48 Question 48

Given table Books(id, title, author, price, genre): 1 Book1 AuthorA 300 Fiction 2 Book2 AuthorB 450 NonFiction 3 Book3 AuthorA 250 Fiction 4 Book4 AuthorC 500 Fiction 5 Book5 AuthorB 150 NonFiction
What is the output of: `SELECT COUNT(*) FROM Books WHERE genre = 'Fiction';`

☐ A A. 2

☒ B B. 3

Correct Answer

☐ C C. 4

☐ D D. 1

49 Question 49

Given table Books(id, title, author, price, genre): 1 Book1 AuthorA 300 Fiction 2 Book2 AuthorB 450 NonFiction 3 Book3 AuthorA 250 Fiction 4 Book4 AuthorC 500 Fiction 5 Book5 AuthorB 150 NonFiction
What is the output of: `SELECT SUM(price) FROM Books WHERE author = 'AuthorA';`

☐ A A. 500

☒ B B. 550

Correct Answer

☐ **C** C. 600

☐ **D** D. 450

50 Question 50

Given table Books(id, title, author, price, genre): 1 Book1 AuthorA 300 Fiction 2 Book2 AuthorB 450 NonFiction 3 Book3 AuthorA 250 Fiction 4 Book4 AuthorC 500 Fiction 5 Book5 AuthorB 150 NonFiction
What is the output of: SELECT title FROM Books WHERE price > 300 ORDER BY price DESC;

☒ **A** **A. Book4, Book2**

Correct Answer

☐ **B** B. Book2, Book4

☐ **C** C. Book1, Book4

☐ **D** D. Book4, Book1

51 Question 51

Given table Books(id, title, author, price, genre): 1 Book1 AuthorA 300 Fiction 2 Book2 AuthorB 450 NonFiction 3 Book3 AuthorA 250 Fiction 4 Book4 AuthorC 500 Fiction 5 Book5 AuthorB 150 NonFiction
What is the output of: SELECT DISTINCT author FROM Books;

☐ **A** A. AuthorA, AuthorB

**B****B. AuthorA, AuthorB, AuthorC****Correct Answer****C****C. AuthorA, AuthorC****D****D. AuthorB, AuthorC****52 Question 52**

Given table Books(id, title, author, price, genre): 1 Book1 AuthorA 300 Fiction 2 Book2 AuthorB 450 NonFiction 3 Book3 AuthorA 250 Fiction 4 Book4 AuthorC 500 Fiction 5 Book5 AuthorB 150 NonFiction
What is the output of: SELECT genre, AVG(price) FROM Books GROUP BY genre;

**A****A. Fiction-350, NonFiction-300****Correct Answer****B****B. Fiction-300, NonFiction-350****C****C. Fiction-350, NonFiction-350****D****D. Fiction-300, NonFiction-300****53 Question 53**

Given table Books(id, title, author, price, genre): 1 Book1 AuthorA 300 Fiction 2 Book2 AuthorB 450 NonFiction 3 Book3 AuthorA 250 Fiction 4 Book4 AuthorC 500 Fiction 5 Book5 AuthorB 150 NonFiction
What is the output of: SELECT title FROM Books WHERE genre = 'NonFiction' AND price < 200;



A

A. Book5

Correct Answer



B

B. Book2



C

C. No rows returned



D

D. Book2, Book5

54 Question 54

Given table Accounts(acc_id, holder, balance): 1 Ram 5000 2 Shyam 12000 3 Gita 8000 4 Sita 3000
What is the output of: SELECT COUNT(*) FROM Accounts WHERE balance > 5000;



A

A. 1



B

B. 2

Correct Answer



C

C. 3



D

D. 4

55 Question 55

Given table Accounts(acc_id, holder, balance): 1 Ram 5000 2 Shyam 12000 3 Gita 8000 4 Sita 3000
What is the output of: SELECT holder FROM Accounts ORDER BY balance DESC LIMIT 1;

☐ A A. Gita

☒ B B. Shyam

Correct Answer

☐ C C. Ram

☐ D D. Sita

56 Question 56

A developer wants partial success when inserting a list of records. Which approach is appropriate?

☒ A A. Database.insert(records, false)

Correct Answer

☐ B B. insert records ALWAYS

☐ C C. Database.insert(records, true) only

☐ D D. Savepoint.rollback()

57 Question 57

A developer uses `Database.insert(records, false)`. What does the returned result provide?

☐ A A. Only the successful record count

☒ B **B. Per-record success/failure information and errors**

Correct Answer

☐ C C. The governor limits

☐ D D. The trigger execution order

58 Question 58

A transaction needs to attempt several DML operations and then undo them if a business rule fails. Which Apex mechanism is designed for this?

☒ A **A. Savepoint and Database.rollback()**

Correct Answer

☐ B B. Queueable

☐ C C. `Test.startTest()`

☐ D D. Future method

59 Question 59

Which asynchronous Apex type is generally preferred when a job needs complex processing and chaining of subsequent jobs?

☒ A **A. Queueable Apex**

Correct Answer

☐ B B. Workflow Rule

☐ C C. Validation Rule

☐ D D. Formula Field

60 Question 60

Which wire adapter is commonly used to retrieve a record's fields without writing Apex?

☒ A **A. getRecord from lightning/uiRecordApi**

Correct Answer

☐ B B. getObjectInfo only

☐ C C. getRecords from Apex

☐ D D. queryRecord

61 Question 61

What happens when a Lead is converted?

- ☐ A A. Only a Case is created
- ☒ B **B. Account, Contact, and optionally Opportunity can be created** Correct Answer
- ☐ C C. Lead becomes a Campaign
- ☐ D D. Lead is archived only

62 Question 62

Which feature allows sales users to manage stages and probabilities for Opportunities?

- ☐ A A. Sales Path
- ☒ B **B. Sales Process** Correct Answer
- ☐ C C. Opportunity Process
- ☐ D D. Forecast Category only

63 Question 63

Which sharing mechanism provides access based on a user's position in the role hierarchy?



A. Role Hierarchy

Correct Answer



B. Permission Set



C. Profile



D. Page Layout

64 Question 64

Which object is commonly used to track customer support issues?



A. Case

Correct Answer



B. Lead



C. Quote



D. Campaign

65 Question 65

Which feature can automatically assign incoming Cases to users or queues based on criteria?



A. Case Assignment Rule

Correct Answer



B. Validation Rule



C. Sharing Rule



D. Escalation Rule only

66 Question 66

Which rule can automatically escalate Cases when they remain unresolved for a specified time?



A. Assignment Rule



B. Escalation Rule

Correct Answer



C. Validation Rule



D. Auto-Response Rule

67 Question 67

Which feature sends an automatic email response when a Lead or Case is created?



A **A. Auto-Response Rule**

Correct Answer



B B. Sharing Rule



C C. Assignment Rule



D D. Workflow Field Update

68 Question 68

Which report format displays data in rows and columns and supports grouping?



A A. Tabular



B **B. Summary**

Correct Answer



C C. Matrix



D D. Joined

69 Question 69

Which dashboard component can display a single key metric?



A. Gauge

Correct Answer



B. Table



C. Funnel



D. Scatter

70 Question 70

Which report type allows combining multiple report blocks from different report types?



A. Tabular



B. Summary



C. Joined

Correct Answer



D. Matrix

71 Question 71

Which security control can restrict login based on IP ranges configured in a profile?



A. Login IP Ranges

Correct Answer



B. Sharing Rules



C. OWD



D. Permission Sets

72 Question 72

Which security control limits when a user can log in?



A. Login Hours

Correct Answer



B. Session Timeout only



C. Role Hierarchy



D. Record Types

73 Question 73

Which authentication method provides an additional verification factor during login?

☐ A A. SSO only

☒ B **B. MFA**

Correct Answer

☐ C C. CAPTCHA only

☐ D D. Encryption

74 Question 74

Which Salesforce feature allows users to access records through a queue before assignment?

☒ A **A. Queue**

Correct Answer

☐ B B. Role

☐ C C. Profile

☐ D D. Public Group only

75 Question 75

Which Apex access modifier makes a class available outside its namespace?

☐ A A. private

☐ B B. protected

☐ C C. public

☒ D D. global

Correct Answer

76 Question 76

Which Apex keyword is used to prevent a method from being overridden?

☐ A A. static

☒ B B. final

Correct Answer

☐ C C. virtual

☐ D D. override

77 Question 77

Which Apex statement is used to handle exceptions?

☐ A A. if/else

☒ B B. try/catch

Correct Answer

☐ C C. switch/case

☐ D D. loop/catch

78 Question 78

Which DML statement updates existing Salesforce records?

☐ A A. insert

☒ B B. update

Correct Answer

☐ C C. create

☐ D D. modify

79 Question 79

Which DML operation can insert records and return their IDs?



A. **insert**

Correct Answer



B. select



C. query



D. merge

80 Question 80

Which SOQL relationship query retrieves parent fields from a child object?



A. **Child-to-parent**

Correct Answer



B. Parent-to-child



C. Cross-object DML



D. Aggregate relationship

81 Question 81

Which SOQL relationship query retrieves child records from a parent?

☐ A A. Child-to-parent

☒ B B. Parent-to-child

Correct Answer

☐ C C. Lookup-to-parent

☐ D D. Aggregate-to-child

82 Question 82

Which LWC decorator is used to expose a property or method to a parent component?

☐ A A. @wire

☒ B B. @api

Correct Answer

☐ C C. @track

☐ D D. @public

83 Question 83

Which LWC decorator connects a property or function to a Salesforce data source?

☐ A A. @api

☐ B B. @track

☒ C C. @wire

Correct Answer

☐ D D. @data

84 Question 84

Which communication method is commonly used for child-to-parent communication in LWC?

☒ A A. CustomEvent

Correct Answer

☐ B B. SOQL

☐ C C. Apex Trigger

☐ D D. Platform Cache

85 Question 85

Which Salesforce feature allows components to communicate across unrelated components?

☒ A A. Lightning Message Service

Correct Answer

☐ B B. Lookup Relationship

☐ C C. Workflow Rule

☐ D D. Record Type

86 Question 86

Which Apex sharing keyword enforces the running user's record-level sharing rules?

☐ A A. without sharing

☐ B B. inherited sharing

☒ C C. with sharing

Correct Answer

☐ D D. private sharing

87 Question 87

Which Apex feature is used to execute code at a specified future time or repeatedly?

☒

A. **Schedulable Apex**

Correct Answer

☐

B. Queueable Apex

☐

C. Trigger

☐

D. Invocable Apex

88 Question 88

Which governor limit restricts the total CPU time used by Apex in a transaction?

☐

A. Heap Size

☒

B. **CPU Time**

Correct Answer

☐

C. SOQL Rows

☐

D. DML Statements

89 Question 89

Which Salesforce feature allows admins to track changes to important setup configuration?

☐ A A. Field History Tracking

☒ B **B. Setup Audit Trail**

Correct Answer

☐ C C. Login History

☐ D D. Debug Logs

90 Question 90

Which feature tracks changes made to selected fields on records?

☐ A A. Setup Audit Trail

☒ B **B. Field History Tracking**

Correct Answer

☐ C C. Login History

☐ D D. Audit Rule

91 Question 91

Callout limit per transaction?

☐ A 10

☐ B 50

☒ C 100

Correct Answer

☐ D 200

92 Question 92

What is an Apex transaction?

☒ A Single execution context

Correct Answer

☐ B Database only

☐ C UI only

☐ D API only

93 Question 93

Can triggers perform callouts directly?

☐ A Yes

☒ B No

Correct Answer

☐ C Only Before Trigger

☐ D Only After Trigger

94 Question 94

What annotation creates test setup data?

☐ A @isTest

☒ B @TestSetup

Correct Answer

☐ C @future

☐ D @AuraEnabled

95 Question 95

Minimum test coverage for deployment?

☐ A 50%

☐ B 60%

☒ C 75%

Correct Answer

☐ D 100%

96 Question 96

Can test methods see org data by default?

☐ A Yes

☒ B No

Correct Answer

☐ C Sometimes

☐ D Only Sandbox

97 Question 97

What is System.debug used for?

☐ A Deployment

☒ B **Logging**

Correct Answer

☐ C SOQL

☐ D DML

98 Question 98

Which collection is ordered?

☐ A Set

☐ B Map

☒ C **List**

Correct Answer

☐ D None

99 Question 99

What is an SObject?

☒ A Database Table Representation

Correct Answer

☐ B Trigger

☐ C Class

☐ D Interface

100 Question 100

Schema Builder is used for?

☐ A Code

☒ B Data Model

Correct Answer

☐ C Testing

☐ D Deployment

101 Question 101

Relationship field on Contact to Account?

☐ A ContactId

☒ B AccountId

Correct Answer

☐ C OwnerId

☐ D ParentId

102 Question 102

What is a Roll-Up Summary?

☒ A Aggregates child data

Correct Answer

☐ B Trigger

☐ C Flow

☐ D Validation

103 Question 103

Before trigger best for?

☐ A Callout

☒ B Field updates

Correct Answer

☐ C Delete

☐ D Batch

104 Question 104

After trigger best for?

☒ A Setting Id-dependent relationships

Correct Answer

☐ B Validation

☐ C Formula

☐ D Debug

105 Question 105

Can one trigger exist per object?



A Recommended

Correct Answer



B Not required



C Impossible



D Mandatory

106 Question 106

What is a sandbox?



A Production Org



B Testing Environment

Correct Answer



C Package



D API

107 Question 107

Which tool deploys metadata?



A **Change Sets**

Correct Answer



B Reports



C Dashboards



D Cases

108 Question 108

What is Apex?



A **Programming Language**

Correct Answer



B Database



C Report



D Flow

109 Question 109

Can SOQL be inside loops?

☐ A Best Practice

☒ B **Avoided**

Correct Answer

☐ C Required

☐ D Mandatory

110 Question 110

Which statement inserts records?

☐ A save

☒ B **insert**

Correct Answer

☐ C create

☐ D add

111 Question 111

Which statement updates records?

☐ A modify

☒ B **update**

Correct Answer

☐ C edit

☐ D save

112 Question 112

What does delete do?

☒ A **Removes record**

Correct Answer

☐ B Updates record

☐ C Queries record

☐ D Clones record

113 Question 113

What is OwnerId?



A **Record Owner**

Correct Answer



B Parent Record



C Lookup



D Formula

114 Question 114

Which automation tool is declarative?



A **Flow**

Correct Answer



B Apex Class



C Trigger



D Batch

115 Question 115

Can Flow call Apex?

☒ A Yes

Correct Answer

☐ B No

☐ C Only LWC

☐ D Only API

116 Question 116

What is a custom object suffix?

☐ A __r

☒ B __c

Correct Answer

☐ C __x

☐ D __o

117 Question 117

What is relationship suffix in SOQL?

☐ A __c

☒ B __r

Correct Answer

☐ C __x

☐ D __y

118 Question 118

Which method runs once after batch completion?

☐ A execute

☒ B finish

Correct Answer

☐ C start

☐ D run

119 Question 119

What is a validation rule?

☒ A Data Quality Check

Correct Answer

☐ B SOQL

☐ C Trigger

☐ D Class

120 Question 120

Which access modifier is widest?

☐ A private

☐ B protected

☐ C public

☒ D global

Correct Answer

121 Question 121

What primary characteristic distinguishes mainframe computers from standard servers?

- ☐ A Higher clock speeds on single threads
- ☒ B **Extreme reliability, availability, and massive I/O throughput**
- ☐ C Lower operational cost and power consumption
- ☐ D Focus on graphical processing power

Correct Answer

122 Question 122

What does RAS stand for in the context of mainframe computing?

- ☒ A **Reliability, Availability, and Serviceability**
- ☐ B Random Access System
- ☐ C Redundant Array Storage
- ☐ D Real-time Architecture Security

Correct Answer

123 Question 123

Which metric measures a mainframe's processor capacity, representing millions of instructions per second?

☐ A FLOPS

☒ B MIPS

Correct Answer

☐ C RPM

☐ D TFLOPS

124 Question 124

Mainframes excel primarily in processing which type of workload?

☐ A High-performance 3D rendering

☒ B High-volume Online Transaction Processing (OLTP)

Correct Answer

☐ C Crypto mining

☐ D Desktop virtualization

125 Question 125

What is the concept of processing large batches of data without user interaction called?

☐ A Interactive processing

☒ B **Batch processing**

Correct Answer

☐ C Stream processing

☐ D Edge processing

126 Question 126

Which term refers to the mainframe's ability to maintain operations without unscheduled downtime?

☐ A Scalability

☒ B **Availability**

Correct Answer

☐ C Portability

☐ D Usability

127 Question 127

Mainframe I/O operations are offloaded from the main CPU to dedicated processors known as:

- ☐ A GPUs
- ☒ B **Channel Subsystems / Channel Processors** Correct Answer

☐ C Southbridges

☐ D FPGA Accelerators

128 Question 128

What percentage of global enterprise data is estimated to reside on or touch mainframes?

☐ A Less than 10%

☐ B Around 25%

☒ C **Roughly 70-80%** Correct Answer

☐ D 100%

129 Question 129

Which industry is one of the largest consumers of mainframe computing?

☒ A Banking and Financial Services

Correct Answer

☐ B Independent Game Development

☐ C Mobile App Startups

☐ D Graphic Design Agencies

130 Question 130

Which famous mainframe family was announced by IBM in April 1964, establishing modern mainframe standards?

☒ A IBM System/360

Correct Answer

☐ B IBM System/370

☐ C IBM System/390

☐ D IBM AS/400

131 Question 131

What key innovation did the IBM System/360 introduce to computing?

- ☐ A The binary mouse
- ☒ B **A unified architecture compatible across a range of system models** Correct Answer
- ☐ C Personal portable computing
- ☐ D GUI interface

132 Question 132

Which architecture succeeded System/360 in the 1970s and introduced Virtual Storage?

- ☒ A **System/370** Correct Answer
- ☐ B System/380
- ☐ C System/390
- ☐ D z/Architecture

133 Question 133

What major architectural shift occurred with the introduction of z/Architecture in 2000?

☐ A Shift from 16-bit to 32-bit addressing

☒ B Shift from 31-bit to 64-bit addressing

Correct Answer

☐ C Transition to ARM processors

☐ D Elimination of hardware channels

134 Question 134

What character encoding scheme was traditionally developed and heavily used in IBM mainframes?

☐ A ASCII

☒ B EBCDIC

Correct Answer

☐ C UTF-8

☐ D UTF-16

135 Question 135

The System/390 (S/390) generation was famous for introducing which technology in the 1990s?

☒ A CMOS technology replacing bipolar chips

Correct Answer

☐ B Quantum processors

☐ C PCI Express expansion slots

☐ D Touchscreen operator consoles

136 Question 136

What did the 'z' in IBM 'zSeries' or 'IBM Z' originally stand for?

☒ A Zero downtime

Correct Answer

☐ B Zero latency

☐ C Zip speed

☐ D Zone security

137 Question 137

What capability allowed early mainframes to share workload across multiple interconnected CPUs in a cluster?

☒ A **Parallel Sysplex**

Correct Answer

☐ B Hyper-Threading

☐ C Beowulf Clustering

☐ D MPI Protocol

138 Question 138

In mainframe architecture, what is an LPAR?

☐ A Logical Processing Array Unit

☒ B **Logical Partition**

Correct Answer

☐ C Linear Parallel Architecture Region

☐ D Local Processor Access Route

139 Question 139

What is PR/SM in IBM Z architecture?

☒ A **Processor Resource/Systems Manager (hypervisor)** Correct Answer

☐ B Parallel Routing/System Method

☐ C Primary Recovery/Storage Module

☐ D Program Register/Status Memory

140 Question 140

Which specialty processor is designed specifically to run Java, z/OS Container Extensions, and XML workloads?

☐ A IFL

☒ B **zIIP (IBM Z Integrated Information Processor)** Correct Answer

☐ C ICF

☐ D SAP

141 Question 141

What type of specialty processor is used exclusively for running Linux on mainframes?



A IFL (Integrated Facility for Linux)

Correct Answer



B zAAP



C zIIP



D CBP

142 Question 142

What is the function of a System Assist Processor (SAP)?



A Executing user COBOL programs



B Managing I/O operations between processors and channels

Correct Answer



C Running web application servers



D Handling user authentication

143 Question 143

How does a mainframe prevent single points of failure in hardware?

- ☐ A By replacing parts weekly
- ☒ B **By utilizing redundant components and concurrent maintenance capabilities** Correct Answer
- ☐ C By shutting down automatically on errors
- ☐ D By reducing workload capacity during peak hours

144 Question 144

What technology allows IBM mainframes to communicate with storage devices using fiber optics?

- ☒ A **FICON (Fibre Connection)** Correct Answer
- ☐ B SCSI
- ☐ C SATA
- ☐ D IDE

145 Question 145

What is Parallel Sysplex?

- ☐ A A single processor running multiple threads
- ☒ B **A cluster of IBM mainframes acting as a single logical system** Correct Answer
- ☐ C A programming language compiler
- ☐ D A disk storage array

146 Question 146

What component facilitates high-speed data sharing and synchronization among systems in a Parallel Sysplex?

- ☒ A **Coupling Facility (CF)** Correct Answer
- ☐ B Main Store
- ☐ C Control Unit
- ☐ D Channel Subsystem

147 Question 147

Which generation of IBM Z server was introduced in 2022 featuring the Telum processor?

☐ A IBM z14

☐ B IBM z15

☒ C **IBM z16**

Correct Answer

☐ D IBM z13

148 Question 148

What key hardware feature was integrated directly onto the chip in the IBM Telum processor (z16)?

☒ A **Integrated On-Chip AI Accelerator**

Correct Answer

☐ B Integrated GPU unit

☐ C Integrated Wi-Fi 6 Module

☐ D Integrated Sound Processing

149 Question 149

What capability allows IBM Z mainframes to encrypt 100% of data at rest and in transit without performance degradation?

☒ A Pervasive Encryption

Correct Answer

☐ B BitLocker

☐ C FileVault

☐ D SSL-only mode

150 Question 150

What is the maximum number of LPARs supported on a modern IBM Z system (e.g., z16)?

☐ A 16

☐ B 32

☒ C 85

Correct Answer

☐ D 256

151 Question 151

IBM Z systems use Quantum-Safe cryptography to protect against what future threat?

- ☒ **A Quantum computers decrypting historical and sensitive data** Correct Answer
- ☐ **B Power grid failure**
- ☐ **C Heat dissipation issues**
- ☐ **D Solar flares**

152 Question 152

Which physical form factors are modern IBM Z systems (like z16) available in?

- ☐ **A Only custom mega-frames**
- ☒ **B Standard 19-inch rack frames as well as multi-frame configurations** Correct Answer
- ☐ **C Desktop tower format only**
- ☐ **D Blade chassis only**

153 Question 153

What is IBM Dynamic Capacity / Capacity on Demand?

- ☒ **A Ability to temporarily activate extra CPU cores and memory without restarting hardware** Correct Answer
- ☐ **B Automatic purchase of cloud servers**
- ☐ **C Downloading more RAM from the internet**
- ☐ **D Upgrading hardware manually at midnight**

154 Question 154

What is a Crypto Express module in IBM Z?

- ☐ **A A high-speed software algorithm**
- ☒ **B Hardware Security Module (HSM) dedicated to cryptographic operations** Correct Answer
- ☐ **C A cryptocurrency mining chip**
- ☐ **D A backup power supply**

155 Question 155

What is the primary flagship 64-bit operating system for IBM Z mainframes?

☐ A z/VM

☒ B **z/OS**

Correct Answer

☐ C z/VSE

☐ D Linux on Z

156 Question 156

In z/OS, what does JCL stand for?

☐ A Java Control Language

☒ B **Job Control Language**

Correct Answer

☐ C Joint Core Library

☐ D Journal Code Log

157 Question 157

Which system component in z/OS receives batch jobs, queues them, and manages their output?

☒ A JES (Job Entry Subsystem, e.g., JES2 / JES3)

Correct Answer

☐ B TMSO

☐ C VSAM

☐ D RACF

158 Question 158

Which IBM security product is widely used in z/OS for access control and authorization?

☒ A RACF (Resource Access Control Facility)

Correct Answer

☐ B Kerberos

☐ C SELinux

☐ D Windows Defender

159 Question 159

What is TSO/E in the z/OS environment?

- ☒ **A Time Sharing Option/Extensions (interactive command-line interface)** Correct Answer
- ☐ **B Total Storage Optimizer**
- ☐ **C Technical System Operator**
- ☐ **D Thread Scheduling Option**

160 Question 160

What is ISPF in relation to TSO/E?

- ☒ **A Interactive System Productivity Facility (menu-driven panel interface)** Correct Answer
- ☐ **B Internal Storage Processing Format**
- ☐ **C Integrated Security Policy Framework**
- ☐ **D Internet Server Protocol Facility**

161 Question 161

What type of data storage organization is VSAM in z/OS?

☒ A **Virtual Storage Access Method**

Correct Answer

☐ B Variable System Memory

☐ C Vector Stream Allocation Method

☐ D Visual Storage Array Management

162 Question 162

In z/OS file management, what is a PDS?

☒ A **Partitioned Data Set**

Correct Answer

☐ B Primary Data Source

☐ C Parallel Directory Structure

☐ D Program Distribution System

163 Question 163

Which z/OS subsystem acts as an enterprise database management system (RDBMS)?

☐ A IMS DB

☒ B **Db2 for z/OS**

Correct Answer

☐ C VSAM

☐ D Adabas

164 Question 164

What is z/OS UNIX System Services (USS)?

☐ A An emulator running Linux

☒ B **A certified UNIX environment integrated natively inside z/OS**

Correct Answer

☐ C A standalone UNIX server connected via LAN

☐ D A deprecated terminal software

165 Question 165

What feature allows modern mainframes to run OCI-compliant Linux containers natively inside z/OS?



A **z/OS Container Extensions (zCX)**

Correct Answer



B Docker for Windows



C VMware ESXi



D VirtualBox

166 Question 166

Which REST API interface enables modern applications to interact seamlessly with z/OS assets?



A **z/OS Connect Enterprise Edition**

Correct Answer



B SOAP Mesh



C FTP Client



D Telnet 3270

167 Question 167

What open-source framework brings modern CLI, APIs, and DevOps tools to z/OS management?

☒

A **Zowe**

Correct Answer

☐

B Kubernetes

☐

C Ansible Tower

☐

D Jenkins

168 Question 168

How can modern developers edit COBOL or PL/I mainframe code using modern IDEs?

☒

A **Using IBM z/OS Debugger and VS Code extensions (e.g. Red Hat OpenShift / Zowe plugin)**

Correct Answer

☐

B They must use 3270 green screen terminals only

☐

C They convert all code to HTML first

☐

D It is impossible to edit mainframe code off-platform

169 Question 169

What role does Red Hat OpenShift play on IBM Z?

- ☒ **A Allows running cloud-native containerized microservices alongside mainframe enterprise data** Correct Answer
- ☐ **B Replaces z/OS entirely**
- ☐ **C Used only for desktop virtualization**
- ☐ **D Manages mainframe hardware power consumption**

170 Question 170

What feature enables real-time AI inference directly during transactional processing without external latency?

- ☒ **A On-chip AI accelerator on IBM Z (e.g., Telum)** Correct Answer
- ☐ **B Sending data to cloud GPUs via REST API**
- ☐ **C Nightly offline batch AI jobs**
- ☐ **D Exporting data to CSV files**

171 Question 171

Which automation tool is commonly used to automate z/OS configuration management and task execution?

- ☒ **A Ansible Content Collection for IBM Z** Correct Answer
- ☐ **B** Bash script on Windows
- ☐ **C** Autolt
- ☐ **D** PowerShell 1.0

172 Question 172

What is Hyper-Protect Services in IBM Cloud / IBM Z?

- ☒ **A Confidential computing environments where even cloud administrators cannot access customer data** Correct Answer
- ☐ **B** A firewall hardware card
- ☐ **C** An antivirus scanner for JCL
- ☐ **D** A physical lock on mainframe racks

173 Question 173

Which programming language, created in 1959, still runs a massive portion of core mainframe business applications?

☒ A **COBOL**

Correct Answer

☐ B Fortran

☐ C Pascal

☐ D BASIC

174 Question 174

What does CICS stand for in mainframe transaction processing?

☒ A **Customer Information Control System**

Correct Answer

☐ B Central Integrated Communication Server

☐ C Core Information Computing Subsystem

☐ D Client Interface Control System

175 Question 175

What is IBM IMS?

- ☒ **A Information Management System (a database and transaction management system)** Correct Answer
- ☐ **B Internal Mail System**
- ☐ **C Integrated Memory Subsystem**
- ☐ **D Internet Management Server**

176 Question 176

Besides COBOL, which programming language is heavily used on mainframes for high-efficiency system programming?

- ☒ **A High Level Assembler (HLASM)** Correct Answer
- ☐ **B JavaScript**
- ☐ **C PHP**
- ☐ **D Ruby**

177 Question 177

In CICS, what is a BMS map used for?



A Defining terminal screen layouts for 3270 display devices

Correct Answer



B Geographic mapping of server locations



C Memory map configuration



D Database schema definition

178 Question 178

Which language is heavily used on mainframes for business logic alongside COBOL, especially in scientific and procedural domains?



A PL/I (Programming Language One)

Correct Answer



B Rust



C Swift



D Dart

179 Question 179

What is the function of IBM MQ on mainframes?

- ☒ **A Message queuing middleware for reliable asynchronous communication between applications** Correct Answer
- ☐ **B Database query optimizer**
- ☐ **C Mainframe web browser**
- ☐ **D Disk partition utility**

180 Question 180

What type of modern application strategy involves surrounding core COBOL/CICS assets with APIs rather than rewriting them?

- ☒ **A Mainframe Modernization / API-fication** Correct Answer
- ☐ **B Rip and Replace**
- ☐ **C Cloud Wipe**
- ☐ **D Terminal Emulation Bypass**

181 Question 181

Which of the following can the Explain capability in Joule provide?



A

Simple explanations of ABAP code

Correct Answer



B

Automatic generation of UIs



C

Performance analysis of ABAP code



D

Suggestions for database optimization

182 Question 182

In ABAP source code, how do you navigate to the definition of a development object?



A

Double-click the name of the object



B

Position the cursor on the name of the object and press F2



C

Position the cursor on the name of the object and press F3

Correct Answer



D

None

183 Question 183

Which of the following characters is not allowed in the name of an ABAP class?

☐ A 8

☒ B \$

Correct Answer

☐ C –

☐ D C

184 Question 184

Which of the following is a key feature of ABAP AI Capabilities?

☐ A Automated deployment to SAP BTP

☒ B Predictive code completion

Correct Answer

☐ C Real-time monitoring of application performance

☐ D Automatic translation of ABAP code to other languages

185 Question 185

What is the primary purpose of the ABAP AI SDK?

- ☐ A To provide a development environment for creating ABAP code
- ☐ B To manage user authorizations in ABAP systems
- ☒ C **To enable the development of custom AI-enabled business applications** Correct Answer
- ☐ D To automate the deployment of ABAP applications to the cloud

186 Question 186

The result of the expression `result = var MOD 2` is 1. What does this tell you about the value of variable `var`?

- ☐ A `var` is an even number.
- ☒ B **`var` is an odd number** Correct Answer
- ☐ C `var` is zero
- ☐ D None

187 Question 187

You want to concatenate two strings. Which is the correct operator?

☐

A +

☐

B &

☒

C &&

Correct Answer

☐

D \$\$

188 Question 188

What is the work area of an internal table?

☐

A The first row of the internal table

☐

B The current row of the internal table

☒

C A variable with the same type as the row type of the internal table

Correct Answer

☐

D None

189 Question 189

You declare a variable as follows: DATA var TYPE I VALUE 100. Subsequently, you use the statement CLEAR var. What is the value of var after the CLEAR statement?

☒

A 0

Correct Answer

☐

B 1

☐

C null

☐

D none

190 Question 190

What information do you see when you position the mouse pointer over a variable in the debugger?

☐

A The data type of the variable

☒

B The current contents of the variable

Correct Answer

☐

C The current memory consumption of the variable

☐

D None

191 Question 191

When do you choose Resume (F8) in the debugger?

- ☒ **A To execute the program up to the next breakpoint** Correct Answer
- ☐ **B To execute a single step**
- ☐ **C To terminate the debug session**
- ☐ **D To execute the program up to the current cursor position**

192 Question 192

The IF condition IF a > 10. is followed by the ELSEIF condition ELSEIF a = 25. The variable a has the value 25. Which code branch or branches are executed?

- ☒ **A The branch introduced by IF a > 10.** Correct Answer
- ☐ **B The branch introduced by ELSEIF a = 25.**
- ☐ **C Both branches.**
- ☐ **D None**

193 Question 193

You have defined a class containing instance attributes and static attributes. You have also declared a reference variable but not yet created an instance of the class. Which components of the class can you access at this point, and how?

☐ A Instance components using the reference variable.

☐ B Instance components using the name of the class.

☐ C Static components using the reference variable.

☒ D Static components using the name of the class.

Correct Answer

194 Question 194

A class `my_class` contains the public static method `my_method`. What is the correct code to call this method?

☐ A `my_class->my_method()`.

☐ B `my_class=>my_method()`.

☐ C `my_class->my_method( )`.

☒ D `my_class=>my_method( )`.

Correct Answer

195 Question 195

Which of the following signature elements may an instance constructor have?

☒ A Importing parameters

Correct Answer

☐ B Exporting parameters

☐ C Changing parameters

☐ D None

196 Question 196

A functional method must have

☐ A Exactly one importing parameter

☐ B Exactly one exporting parameter

☐ C No changing parameters

☒ D Exactly one returning parameter

Correct Answer

197 Question 197

In which order do you define the visibility sections of a class?

- ☒ **A PUBLIC SECTION. PROTECTED SECTION. PRIVATE SECTION.** Correct Answer
- ☐ **B PRIVATE SECTION. PROTECTED SECTION. PUBLIC SECTION.**
- ☐ **C PROTECTED SECTION. PRIVATE SECTION. PUBLIC SECTION.**
- ☐ **D None**

198 Question 198

Which part of SQL is represented by ABAP SQL?

- ☐ **A Data Control Language**
- ☐ **B Data Definition Language**
- ☒ **C Data Manipulation Language** Correct Answer
- ☐ **D None**

199 Question 199

You are writing a SELECT statement that reads data using a CDS view entity. In the field list, you want to read a field from an associated table. What do you use?

☐ A A logical expression

☒ B A path expression

Correct Answer

☐ C A regular expression

☐ D A logical expression

200 Question 200

What is the shortcut to preview the content of a database table?

☐ A F1

☐ B F2

☐ C F3

☒ D F8

Correct Answer

201 Question 201

In our scenario, what is coded in a behavior implementation?



A

Validations

Correct Answer



B

Update



C

Insert



D

Delete

202 Question 202

The type tt_table is defined as follows: TYPES tt_table TYPE STANDARD TABLE OF st_connection WITH NON-UNIQUE KEY carrier_id connection_id. Which DATA statement would you use to create an internal table with this type?



A

DATA table TYPE tt_table.

Correct Answer



B

DATA table TYPE TABLE OF tt_table.



C

DATA table TYPE REF TO tt_table.

☐ D None

203 Question 203

Which of the following can you use to fill an internal table?

☐ A READ

☒ B **VALUE #()**

Correct Answer

☐ C LOOP...ENDLOOP

☐ D Write

204 Question 204

Which of the following statements is true for a standard internal table?

☐ A The key is always unique

☒ B **The key is always non-unique**

Correct Answer

☐ C You can choose whether the key should be unique or non-unique

☐ **D** None

205 Question 205

You want to read data from two database tables so that the SELECT statement returns a single result set that contains no duplicate entries. Which of the following techniques would you use?

☐ **A** LEFT OUTER JOIN

☒ **B** UNION

Correct Answer

☐ **C** INNER JOIN

☐ **D** UNION ALL

206 Question 206

A structure struct contains a component comp. How do you address the component?

☐ **A** struct.comp

☒ **B** struct-comp

Correct Answer

☐ **C** struct->comp

☐ D struct=>comp

207 Question 207

What do you have to remember when copying data between structures using the CORRESPONDING expression?

☒ A Only components with identical names are copied

Correct Answer

☐ B Components are copied according to their positions.

☐ C Only components with identical types are copied.

☐ D None

208 Question 208

You declare a variable using the statement DATA struct TYPE . Which of the following can you use to declare a structure?

☒ A A database table

Correct Answer

☐ B A CDS view

☐ **C** A predefined ABAP type

☐ **D** None

209 Question 209

Which of the following are valid data sources for a CDS view entity?

☐ **A** An internal table

☒ **B** A database table

Correct Answer

☐ **C** A structure

☐ **D** None

210 Question 210

Which of the following can you use to fill an internal table?

☐ **A** ADD

☒ **B** INSERT

Correct Answer

☐ C DO- WHILE

☐ D APPEND

211 Question 211

Which of the following is true about an abstract class in Java?

☐ A An abstract class can be instantiated directly.

☒ B **An abstract class can contain both abstract and non-abstract methods.** Correct Answer

☐ C All methods in an abstract class must be abstract.

☐ D An abstract class cannot have a constructor.

212 Question 212

In Java, we can make a class abstract by

☒ A **Declaring it abstract using the abstract keyword.** Correct Answer

☐ B Making at least one method final.

- ☐ **C** Declaring all methods as static.
- ☐ **D** Declaring at least one method as abstract.

213 Question 213

What happens if you access an invalid index of an array in Java?

- ☒ **A** **ArrayIndexOutOfBoundsException** Correct Answer
- ☐ **B** **NullPointerException**
- ☐ **C** **Segmentation Fault**
- ☐ **D** **No Error**

214 Question 214

What happens if you do not define a constructor in a Java class?

- ☐ **A** The program will not compile.
- ☒ **B** **The compiler provides a default constructor.** Correct Answer

- ☐ C The class cannot be instantiated.
- ☐ D The constructor from another class will be used.

215 Question 215

What will happen if you explicitly define a constructor with parameters but do not define a no-argument constructor?

- ☐ A Java will provide a default no-argument constructor.
- ☒ B **You cannot create an object without passing arguments.** Correct Answer

- ☐ C Compilation error occurs.
- ☐ D The constructor will be inherited from Object class.

216 Question 216

Can a Java constructor be private?

- ☐ A No, it must be public.
- ☒ B **Yes, but the class cannot be instantiated outside the class.** Correct Answer

☐ **C** Yes, and it can be accessed from anywhere.

☐ **D** No, Java does not allow private constructors.

217 Question 217

Which of the following is/are advantages of packages?

☐ **A** Packages avoid name clashes

☐ **B** Classes, even though they are visible outside their package, can have fields visible to packages only

☐ **C** We can have hidden classes that are used by the packages, but not visible outside.

☒ **D All of the above**

Correct Answer

218 Question 218

Which of the following is TRUE about constructors?

☐ **A** Constructors must always have a return type

☐ **B** Constructors cannot be overloaded

☒ **C Constructors can have parameters**

Correct Answer

☐ **D A class cannot have multiple constructors**

219 Question 219

In Java, when we implement an interface method, it must be declared as:

☐ **A Private**

☐ **B Protected**

☒ **C Public**

Correct Answer

☐ **D Friend**

220 Question 220

What is the correct way to define a class in Java?

☐ **A public Example {}**

☒ **B class Example {}**

Correct Answer

☐ **C** void Example {}

☐ **D** object Example {}

221 Question 221

What is the use of final keyword in Java?

☐ **A** When a class is made final, a subclass of it can not be created.

☐ **B** When a method is final, it can not be overridden.

☐ **C** When a variable is final, it can be assigned value only once.

☒ **D** All of the above

Correct Answer

222 Question 222

When is the object created with new keyword?

☒ **A** At run time

Correct Answer

☐ **B** At compile tile

☐ **C** Depends on the code

☐ **D** None

223 Question 223

Arrays in Java are

☐ **A** Object reference

☒ **B** **Objects**

Correct Answer

☐ **C** Primitive data type

☐ **D** None

224 Question 224

Identify the keyword among the following that makes a variable belong to a class, rather than being defined for each instance of the class.

☐ **A** final

☒ **B** **static**

Correct Answer

☐ **C** volatile

☐ **D** abstract

225 Question 225

To which of the following does the class String belong to.

☐ **A** java.String

☐ **B** java.util

☒ **C** **java.lang**

Correct Answer

☐ **D** java.character

226 Question 226

Identify the return type of a method that does not return any value.

☐ **A** int

☐ **B** void

☐ C double

☒ D **char**

Correct Answer

227 Question 227

Identify the incorrect Java feature.

☐ A Object oriented

☐ B Dynamic

☒ C **Use pointers**

Correct Answer

☐ D Architectural neutral

228 Question 228

Do you want to access the data members of a class, you have to create _____?

☒ A **an object**

Correct Answer

☐ B a variable

☐ **C** a method

☐ **D** an array

229 Question 229

In java, the Scanner class is comes under _____ package?

☐ **A** java.io

☐ **B** java.lang

☒ **C** **java.util**

Correct Answer

☐ **D** java.String

230 Question 230

A data type is converted into another data type by the programmer is known as

☐ **A** Type Conversion

☐ **B** Implicit conversion

☒ **C** Type Casting

Correct Answer

☐ **D** None of the above

231 Question 231

Which of the following correctly declares a 2D integer array with 3 rows and 4 columns?

☐ **A** `int[] matrix = new int[3,4];`

☒ **B** `int matrix[][] = new int[3][4];`

Correct Answer

☐ **C** `int matrix = new int[3][4];`

☐ **D** `int[] matrix = new int[][3][4];`

232 Question 232

When an array is passed as an argument to a method in Java, what is passed?

☐ **A** A copy of the array

☒ **B** The memory address (reference) of the array

Correct Answer

☐ **C** The first element of the array

☐ **D** The length of the array

233 Question 233

Which of the following methods is used to sort an array in Java?

☐ **A** Array.sort()

☒ **B** **Arrays.sort()**

Correct Answer

☐ **C** ArrayList.sort()

☐ **D** Collections.sort()

234 Question 234

Which of these operators is used to allocate memory to array variable in Java?

☐ **A** malloc

☐ **B** calloc



C new

Correct Answer



D new malloc

235 Question 235

Which of these is an incorrect array declaration?



A int arr[] = new int[5]



B int [] arr = new int[5]



C int arr[] = new int[5]



D int arr[] = int [5] new

Correct Answer

236 Question 236

Which of the following statements is true?



A The enhanced for loop can't be used within a regular for loop.



B The enhanced for loop can't be used within a while loop.

☒ **C** The enhanced for loop can be used within a do-while loop.

Correct Answer

☐ **D** The enhanced for loop can't be used within a switch construct.

237 Question 237

Which statements about decision structures is true?

☐ **A** A for-each loop can be executed on any Collections Framework object.

☐ **B** The body of a while loop is guaranteed to be executed at least once.

☒ **C** The conditional expression of a for loop is evaluated before the first execution of the loop body

Correct Answer

☐ **D** The body of a do/while loop is guaranteed to be executed at least once.

238 Question 238

Which of the following is reserved keywords?

☒ **A** void

Correct Answer

☐ **B** main

☐ **C** String

☐ **D** args

239 Question 239

Which statements is true?

☐ **A** A class can only be extended by one class.

☒ **B** Every Java object has a public method named equals.

Correct Answer

☐ **C** Every Java object has a public method named length.

☐ **D** A class can extend any number of classes.

240 Question 240

Is it possible to create arrays of length zero?

☒ **A** Yes, you can create arrays of any type with length zero.

Correct Answer

☐ **B** Yes, but only for primitive data types.

☐ **C** Yes, but only for arrays of reference types.

☐ **D** No, it is not possible to create arrays of length zero in Java.