

Questions & Answers

Review all questions and their correct answers

240

Questions

Correct Answer is highlighted in green.

1

Question 1

Consider the following statements and answer the given question. If $L + M \Rightarrow L$ is the husband of M , $L / M \Rightarrow L$ is the sister of M and $L + M \Rightarrow L$ is the son of Y , then How is W and Z related from the following statement: $W * X + Y / Z$?

☐

A

Father

☐

B

Uncle

☒

C

Nephew

Correct Answer

☐

D

Son

2

Question 2

Mark the odd one out from the given options

☐

A

WUY

☒

B

NLR

Correct Answer

☐ **C** RPT

☐ **D** HFJ

3

Question 3

Study the following information carefully and answer the questions given below: Eight persons A, B, C, D, E, F, G and H are sitting around a rectangular table in such a way that two persons sit on each of the four sides of the table facing the centre. Persons sitting on opposite sides are exactly opposite to each other. D faces North and sits exactly opposite to H. E; is to the immediate left of H. A and G sit on the same side. G is exactly opposite of B who is to the immediate right of C. A is sitting to the left of D. Who is sitting opposite to A?

☐ **A** C

☐ **B** D

☒ **C** E

Correct Answer

☐ **D** G

☐ **E** None of these

4

Question 4

Mark the odd one out from given options

☐ **A** (16, 112, 12)

☐ **B** (18, 155, 13)

☐ **C** (23, 304, 15)

☒ **D** (15, 151, 8)

Correct Answer

5 Question 5

Choose the alternative which is closely resembles the mirror image of the given combination.

☐ **A** 1

☒ **B** 2

Correct Answer

☐ **C** 3

☐ **D** 4

6 Question 6

Statement: Children are influenced more by their teachers nowadays. Assumptions: I. The children consider teachers as their models. II. A large amount of children's time is spent in school.

☒ **A** Only assumption I is implicit

Correct Answer

☐ **B** Only assumption II is implicit

☐ **C** Neither I nor II is implicit

☐ **D** Either I or II is implicit

☐ **E** Both I and II are implicit

7

Question 7

lions : pride :: owls : complete comparison

☐ **A** Herd

☒ **B** parliament

Correct Answer

☐ **C** Flock

☐ D Pod

8

Question 8

In a certain code "FORGIVE" is written as "DPPHGWC". How would "REQUEST" be written in that code?

☐ A TOFCVUR

☐ B PFOVCUR

☐ C TFOVCRU

☐ D POFCVUR

☒ E None of these

Correct Answer

9

Question 9

Find missing term in the series given below? 13, 25, 39, 57, 83,

☐ A 115

☐ B 119

☐ **C** 125

Correct Answer

☐ **D** 132

10 Question 10

Find missing term in the series given below? 35, 45, 63, 87, 115, ...

☐ **A** 135

☒ **B** 145

Correct Answer

☐ **C** 150

☐ **D** 152

11 Question 11

If in a certain code language QUEUE is written as Q22, and CHURCH is written as 1UR1. Which of the following would be most appropriate code for BANANA in that language?

☐ **A** B5A5

☒ **B** B55A

Correct Answer

☐ **C** B5A5A

☐ **D** BA5A5A

☐ **E** 5N5A

12 Question 12

If LINGER is 123456 and FORCE is 56789, then FIERCE is:

☒ **A** 456678

Correct Answer

☐ **B** 345677

☐ **C** 556789

☐ **D** 345667

13 Question 13

Directions: Read the following informations and select the best answer choice given in question. In a study of five brands of pain relieving tablets P, Q, R, S, and T, the brands were tested and ranked against each other as more or less effective per dose. The following results were obtained. (i) P was more effective than Q. (ii) The effectiveness of R was less than that of S. (iii) T was the least effective

brand tested. (iv) Q and R were equally effective. (v) The effectiveness of S was greater than that of Q. If the above statements are true, which of the following must also be true?

- ☐ **A** S was the most effective.
- ☐ **B** P was the most effective.
- ☐ **C** T did not relieve pain
- ☒ **D** R was less effective than P.
- ☐ **E** P and S were equally effective.

Correct Answer

14 Question 14

All the information in the results given above can be derived from which of the following groups of statements?

- ☐ **A** Statements i, iii, iv
- ☐ **B** Statements ii, iii, iv, v
- ☐ **C** Statements ii, iii, iv
- ☐ **D** Statements i, ii, iii

**E****Statements i, ii, iii, iv****Correct Answer****15****Question 15**

If a sixth brands M is tested and found to be more effective than S, then which of the followings must be true if the findings of the study are correct?

**A****M is less effective than P.****B****M is most effective of all six brands tested.****C****At least four of the six brands tested are less effective than M.****Correct Answer****D****M is more effective than P.****E****No more than four of the six brands tested are more effective than T.****16****Question 16**

Find the ratio in which rice at Rs. 7.20 a kg be mixed with rice at Rs. 5.70 a kg to produce a mixture worth Rs. 6.30 a kg.

**A****A 1 : 3**

**B****B 2 : 3**

Correct Answer

**C****C 3 : 4****D****D 4 : 5****17****Question 17**

In what ratio must a grocer mix two varieties of tea worth Rs. 60 a kg and Rs. 65 a kg so that by selling the mixture at Rs. 68.20 a kg he may gain 10%?

**A****A 3 : 2**

Correct Answer

**B****B 3 : 4****C****C 3 : 5****D****D 4 : 5****18****Question 18**

The cost of Type 1 rice is Rs. 15 per kg and Type 2 rice is Rs. 20 per kg. If both Type 1 and Type 2 are mixed in the ratio of 2 : 3, then the price per kg of the mixed variety of rice is:

**A****A Rs. 18**

Correct Answer

☐ **B** B Rs. 18.50

☐ **C** C Rs. 19

☐ **D** D Rs. 19.50

19 Question 19

8 litres are drawn from a cask full of wine and is then filled with water. This operation is performed three more times. The ratio of the quantity of wine now left in cask to that of water is 16 : 65. How much wine did the cask hold originally?

☐ **A** A 18 litres

☒ **B** B 24 litres

Correct Answer

☐ **C** C 32 litres

☐ **D** D 42 litres

20 Question 20

A merchant has 1000 kg of sugar, part of which he sells at 8% profit and the rest at 18% profit. He gains 14% on the whole. The quantity sold at 18% profit is:

☐ **A** A 400 kg

☐ **B** B 560 kg

☒ **C** C 600 kg

Correct Answer

☐ **D** D 640 kg

21

Question 21

In a mixture 60 litres, the ratio of milk and water 2 : 1. If this ratio is to be 1 : 2, then the quantity of water to be further added is:

☐ **A** A 20 litres

☐ **B** B 30 litres

☐ **C** C 40 litres

☒ **D** D 60 litres

Correct Answer

22

Question 22

The ratio of the number of boys and girls in a college is 7 : 8. If the percentage increase in the number of boys and girls be 20% and 10% respectively, what will be the new ratio?

☐

A 8 : 9

☐

B 17 : 18

☒

C 21 : 22

Correct Answer

☐

D Cannot be determined

23

Question 23

Salaries of Ravi and Sumit are in the ratio 2 : 3. If the salary of each is increased by Rs. 4000, the new ratio becomes 40 : 57. What is Sumit's salary?

☐

A Rs. 17,000

☐

B Rs. 20,000

☐

C Rs. 25,500

☒

D Rs. 38,000

Correct Answer

24

Question 24

The salaries A, B, C are in the ratio 2 : 3 : 5. If the increments of 15%, 10% and 20% are allowed respectively in their salaries, then what will be new ratio of their salaries?

☐**A** 3 : 3 : 10☐**B** 10 : 11 : 20☒**C** 23 : 33 : 60

Correct Answer

☐**D** Cannot be determined

25

Question 25

Two number are in the ratio 3 : 5. If 9 is subtracted from each, the new numbers are in the ratio 12 : 23. The smaller number is:

☐**A** 27☒**B** 33

Correct Answer

☐**C** 49☐**D** 55

26

Question 26

If VXUPLVH is written as SURMISE, what is SHDVD written as?

**A**

a) PEASA

Correct Answer

**B**

b) PBASA

**C**

c) PEBSB

**D**

d) None of the above

27

Question 27

If A is the brother of B; B is the sister of C; and C is the father of D, how D is related to A?

**A**

a) Brother

**B**

b) Sister

**C**

c) Nephew

**D****d) Cannot be determined****Correct Answer****28****Question 28**

Introducing a boy, a girl said, "He is the son of the daughter of the father of my uncle." How is the boy related to the girl?

**A****a) brother****Correct Answer****B****b) Sister****C****c) uncle****D****d) father****29****Question 29**

If $A + B$ means A is the brother of B; $A - B$ means A is the sister of B and $A \times B$ means A is the father of B. Which of the following means that C is the son of M?

**A****F - C + N x M****B****N + M - F x C****C****M x N - C + F****Correct Answer**

**D** $M - N \times C + F$ **30****Question 30**

Pointing to a photograph Lata says, "He is the son of the only son of my grandfather." How is the man in the photograph related to Lata?

**A****A) Brother****Correct Answer****B****B) Uncle****C****C) Cousin****D****D) Data is inadequate****31****Question 31**

A trigger on Account performs a SOQL query for Contacts inside a loop. Which governor limit is most directly at risk?

**A****A. Maximum CPU time****B****B. SOQL queries per transaction****Correct Answer**

☐ **C** C. DML rows

☐ **D** D. Heap size

32 Question 32

A before-update trigger changes a field on Trigger.new. What is required to persist that field change?

☐ **A** A. Database.update()

☐ **B** B. update Trigger.new

☒ **C** C. Nothing; the change is saved automatically

Correct Answer

☐ **D** D. Database.saveResult()

33 Question 33

Which Apex collection guarantees uniqueness of its elements?

☐ **A** A. List

☐ **B** B. Map

☐ **C** C. Set

Correct Answer

☐ **D** D. Queueable

34 Question 34

An Apex method is declared `@future`. Which statement is true?

☐ **A** A. It can return a value to the caller

☒ **B** B. It can accept primitive parameters and collections of primitives

Correct Answer

☐ **C** C. It can perform callouts without annotation

☐ **D** D. It always executes before the current transaction commits

35 Question 35

A Queueable Apex job needs to make an HTTP callout. What is required?

☐ **A** A. `@future(callout=true)`

☒ **B** B. `Database.AllowsCallouts` on the class

Correct Answer

☐ **C** C. Schedulable interface

☐ **D** D. Continuation only

36 Question 36

A Batch Apex execute() performs one DML statement for every record. Which limit is most likely exceeded first for a sufficiently large scope?

☐ **A** A. SOQL queries

☒ **B** B. DML statements

Correct Answer

☐ **C** C. Callouts

☐ **D** D. Future jobs

37 Question 37

Which batch method can return a QueryLocator that bypasses the normal SOQL row retrieval limit for batch processing?

☒ **A** A. start()

Correct Answer

☐ **B** B. execute()

☐ **C** C. finish()

☐ **D** D. schedule()

38

Question 38

A class marked with inherited sharing is called from a class without an explicit sharing declaration. What does inherited sharing generally do?

☐ **A** A. Always enforces system mode

☒ **B** B. Inherits the caller's sharing context

Correct Answer

☐ **C** C. Always enforces the class owner's sharing

☐ **D** D. Disables sharing

39

Question 39

Which statement about with sharing is correct?

☐ **A** A. It enforces field-level security automatically

**B****B. It enforces record-level sharing rules****Correct Answer****C****C. It bypasses CRUD checks****D****D. It makes all SOQL queries user mode****40****Question 40**

Apex runs a SOQL query in system mode. Which security layer is NOT automatically enforced by ordinary Apex SOQL?

**A****A. Sharing rules****B****B. Field-level security****C****C. Object permissions****D****D. All of the above****Correct Answer****41****Question 41**

Which SOQL feature is specifically intended to enforce object and field permissions at query time?

**A****A. WITH SECURITY_ENFORCED****Correct Answer**

☐ **B** B. WITH SHARING

☐ **C** C. FOR UPDATE

☐ **D** D. USING SCOPE

42 Question 42

What happens when WITH SECURITY_ENFORCED encounters a field the running user cannot access?

☐ **A** A. The inaccessible field becomes null

☒ **B** B. The query throws a security exception

Correct Answer

☐ **C** C. The query silently removes the field

☐ **D** D. The query switches to system mode

43 Question 43

Which relationship query retrieves child Contacts while querying Accounts?

☒ **A** A. `SELECT Id, (SELECT Id FROM Contacts) FROM Account`

Correct Answer

☐ **B** B. SELECT Id FROM Account WITH Contacts

☐ **C** C. SELECT Id FROM Contact WHERE Account IN Account

☐ **D** D. SELECT Id, Contacts FROM Account

44 Question 44

Which relationship name is used in a child-to-parent SOQL query from Contact to Account?

☐ **A** A. Contacts.Account

☐ **B** B. Account__r

☒ **C** C. Account

Correct Answer

☐ **D** D. ParentAccount

45 Question 45

A custom lookup field on Invoice__c points to Account. Which syntax accesses Account.Name from Invoice__c?

☐ **A** A. Account.Name

☐ B. Account__c.Name

☒ C. Account__r.Name

Correct Answer

☐ D. Invoice__r.Account.Name

46 Question 46

Which aggregate query correctly counts Contacts by AccountId?

☒ A. **SELECT COUNT(AccountId), AccountId FROM Contact GROUP BY AccountId**

Correct Answer

☐ B. SELECT AccountId, COUNT() FROM Contact

☐ C. SELECT COUNT(AccountId) FROM Contact GROUP BY COUNT(AccountId)

☐ D. SELECT AccountId, SUM() FROM Contact GROUP BY AccountId

47 Question 47

A SOQL query uses HAVING. Which clause does HAVING filter?

☐ A. Individual rows before grouping

**B****B. Aggregate groups after GROUP BY****Correct Answer****C****C. Parent records only****D****D. Subqueries only****48****Question 48**

Which statement about SQL OFFSET is correct?

**A****A. It can be used for unlimited deep pagination****B****B. It skips a specified number of rows before returning results****Correct Answer****C****C. It changes record ownership****D****D. It works only with aggregate queries****49****Question 49**

Which query is best suited to find Accounts that have no Contacts?

**A****A. SELECT Id FROM Account WHERE Id NOT IN (SELECT AccountId FROM Contact)****Correct Answer**

☐ **B** B. SELECT Id FROM Account WHERE Contacts = NULL

☐ **C** C. SELECT Id FROM Account WHERE COUNT(Contacts)=0

☐ **D** D. SELECT Id FROM Account WHERE ContactId = NULL

50 Question 50

A roll-up summary field exists on Account for Opportunity Amount. What type of relationship is required?

☐ **A** A. Lookup

☒ **B** B. Master-detail

Correct Answer

☐ **C** C. External lookup

☐ **D** D. Hierarchical lookup

51 Question 51

A child record in a master-detail relationship is deleted. What normally happens to the child?

☐ **A** A. It becomes an orphan

**B****B. It is deleted with the master****Correct Answer****C****C. It is transferred to the child owner****D****D. It is archived automatically****52****Question 52**

Which relationship allows a child record to have two master-detail relationships?

**A****A. Lookup****B****B. Many-to-many junction****C****C. Two master-detail relationships on a junction object****Correct Answer****D****D. Hierarchical relationship****53****Question 53**

In a junction object with two master-detail relationships, what can happen to the junction record when either master is deleted?

☐ **A** A. It is retained permanently

☒ **B** B. It can be deleted as a dependent child

Correct Answer

☐ **C** C. It becomes a lookup automatically

☐ **D** D. Only its owner changes

54

Question 54

Which Salesforce automation is generally best for declarative record-triggered automation that needs complex branching and reusable subflows?

☐ **A** A. Workflow Rule

☒ **B** B. Flow

Correct Answer

☐ **C** C. Approval Process only

☐ **D** D. Assignment Rule

55

Question 55

A record-triggered flow must update fields on the triggering record before it is saved. Which flow type is appropriate?

☐ **A** A. After-save flow

☒ **B** B. Before-save flow

Correct Answer

☐ **C** C. Scheduled flow only

☐ **D** D. Screen flow

56

Question 56

A before-save flow performs an update on a related Account record. What is the key limitation?

☐ **A** A. Before-save flows cannot change the triggering record

☒ **B** B. Before-save flows are optimized for updating the triggering record, not arbitrary related records

Correct Answer

☐ **C** C. They cannot use Decision elements

☐ **D** D. They cannot access fields

57

Question 57

Which Flow element is designed to iterate through a collection?

☐**A**

A. Assignment

☒**B**

B. Loop

Correct Answer

☐**C**

C. Decision

☐**D**

D. Wait

58

Question 58

A Flow Get Records element retrieves multiple records. What should be used to process each record individually?

☒**A**

A. Loop over the collection

Correct Answer

☐**B**

B. Decision on the collection

☐**C**

C. Screen component

☐**D**

D. Pause element

59

Question 59

A record-triggered flow updates the same object that triggered it, potentially causing recursion. Which design is safest?

☐**A**

A. Always perform unrestricted updates

☒**B****B. Use entry criteria and/or prior-value checks to prevent unnecessary re-entry**

Correct Answer

☐**C**

C. Add more Get Records elements

☐**D**

D. Convert every update to a screen flow

60

Question 60

A validation rule formula evaluates to TRUE. What occurs?

☐**A**

A. Record is saved and warning shown

☒**B****B. Record save is blocked with the validation error**

Correct Answer

☐**C**

C. Record is deleted

☐**D**

D. Workflow is skipped but save succeeds

61

Question 61

Which formula function returns the previous value of a field in a record-triggered flow or validation context where supported?



A

A. PRIORVALUE

Correct Answer



B

B. OLDVALUE



C

C. PREVIOUS



D

D. BEFOREVALUE

62

Question 62

Which automation executes before assignment rules and after system validation in the save order for a record update?



A

A. Before-save record-triggered flow

Correct Answer



B

B. Workflow field update



C

C. After-save flow



D

D. Process Builder

63

Question 63

An Approval Process locks a record. What is the primary effect?

- ☐ A. Only the owner can edit it
- ☒ B. The record cannot normally be edited while locked except through permitted actions/system processes
- ☐ C. All sharing is removed
- ☐ D. The record is deleted after approval

Correct Answer

64

Question 64

Which sharing tool is best when a manager needs access to records owned by subordinates based on role hierarchy?

- ☒ A. Role hierarchy
- ☐ B. Permission set
- ☐ C. Validation rule
- ☐ D. Record type

Correct Answer

65

Question 65

A user has object permission Read but no Edit. A sharing rule grants Edit access. Can the user edit records?

☐ A A. Yes, sharing overrides object permissions

☒ B B. No, object-level permission is still required

Correct Answer

☐ C C. Yes, if the record is public

☐ D D. Yes, only through Apex

66

Question 66

A user has Edit on an object but lacks field-level edit access to Salary__c. What happens when they edit Salary__c through the standard UI?

☐ A A. They can edit it because object Edit overrides FLS

☒ B B. They cannot edit the field

Correct Answer

☐ C C. The field becomes read-only only for administrators

☐ **D** D. The record cannot be opened

67 Question 67

Which mechanism can grant additional object and field permissions without changing a user's profile?

☐ **A** A. Role hierarchy

☒ **B** B. Permission Set

Correct Answer

☐ **C** C. Sharing Rule

☐ **D** D. Queue

68 Question 68

What is the main purpose of Permission Set Groups?

☐ **A** A. Create record ownership groups

☒ **B** B. Bundle multiple permission sets for easier assignment

Correct Answer

☐ **C** C. Replace roles

☐ **D** D. Define sharing rules

69 Question 69

A permission set group has a muting permission set. What does muting do?

☒ **A** A. Removes permissions from the underlying permission sets within that group for assigned users

Correct Answer

☐ **B** B. Deletes the permission sets

☐ **C** C. Prevents login

☐ **D** D. Changes record ownership

70 Question 70

OWD for Account is Private. A user owns an Account. Who automatically gets access through the role hierarchy, assuming hierarchy access is enabled?

☒ **A** A. Users above the owner in the role hierarchy

Correct Answer

☐ **B** B. Everyone in the same profile

☐ **C** C. Everyone with the same permission set

- ☐ **D** D. Only users in the same queue

71 Question 71

Which sharing mechanism is NOT primarily based on ownership or role hierarchy?

- ☐ **A** A. Owner-based sharing rule

- ☒ **B** B. Criteria-based sharing rule

Correct Answer

- ☐ **C** C. Manual sharing

- ☐ **D** D. Role hierarchy

72 Question 72

A criteria-based sharing rule grants access to Accounts where Industry = 'Banking'. What does it do?

- ☐ **A** A. Grants object-level Edit permission

- ☒ **B** B. Grants record-level access to matching records

Correct Answer

- ☐ **C** C. Changes the Industry field

☐ **D** D. Bypasses field-level security

73 Question 73

Which record type feature controls available picklist values and page layouts?

☐ **A** A. Sharing rules only

☒ **B** B. Record types

Correct Answer

☐ **C** C. Permission sets only

☐ **D** D. Queues

74 Question 74

A profile has access to a record type, but a user cannot create records with it. Which setting should be checked first?

☒ **A** A. Record type availability/default assignment and object Create permission

Correct Answer

☐ **B** B. Role hierarchy

☐ **C** C. OWD

☐ **D** D. Queue membership

75 Question 75

Which Salesforce feature prevents users from creating duplicate records based on matching rules?

☒ **A** A. Duplicate Rules

Correct Answer

☐ **B** B. Validation Rules only

☐ **C** C. Sharing Rules

☐ **D** D. Assignment Rules

76 Question 76

A duplicate rule is configured to Block creation. What happens when a matching duplicate is detected?

☐ **A** A. The record is always saved

☒ **B** B. The save can be blocked

Correct Answer

☐ **C** C. The user is automatically logged out

- ☐ **D** D. The duplicate is merged automatically

77 Question 77

Which statement about custom metadata types is most accurate?

- ☒ **A** A. Their records are generally deployable as metadata and can store configuration Correct Answer
- ☐ **B** B. They are always transactional data records
- ☐ **C** C. They cannot be referenced from Apex
- ☐ **D** D. They require a master-detail relationship

78 Question 78

A developer needs configuration that can be deployed between orgs and queried in Apex. Which is generally preferred?

- ☒ **A** A. Custom Metadata Type Correct Answer
- ☐ **B** B. Static Resource only
- ☐ **C** C. Custom Object only

☐ **D** D. Hierarchy Custom Setting only

79 Question 79

Which Salesforce data storage option provides hierarchy-based values that can vary by user, profile, or organization?

☐ **A** A. List Custom Setting

☒ **B** B. Hierarchy Custom Setting

Correct Answer

☐ **C** C. Custom Metadata Type only

☐ **D** D. Platform Cache

80 Question 80

A Lightning Web Component needs to invoke an Apex method reactively with parameters and cacheable data. Which combination is required?

☒ **A** A. @AuraEnabled and @wire; Apex method should be cacheable for wire

Correct Answer

☐ **B** B. @future and @wire

☐ **C** C. @InvocableMethod and @wire only

☐ **D** D. @RemoteAction and @wire

81 Question 81

An Apex method called by LWC using @wire performs DML. What is the issue?

☒ **A** A. Wired Apex methods must be cacheable and therefore should not perform DML

Correct Answer

☐ **B** B. DML is required for every wired method

☐ **C** C. LWC cannot call Apex

☐ **D** D. @AuraEnabled prevents DML

82 Question 82

In LWC, which decorator is used to expose a property or method for parent-to-child communication?

☐ **A** A. @wire

☒ **B** B. @api

Correct Answer

☐ **C** C. @track

☐ **D** D. @readonly

83 Question 83

A parent LWC needs to invoke a public method on a child LWC. What is the standard approach?

☒ **A** A. Use @api on the child method and query the child component from the parent

Correct Answer

☐ **B** B. Use @wire on the parent

☐ **C** C. Use Custom Metadata

☐ **D** D. Use a validation rule

84 Question 84

Which LWC communication mechanism is best for unrelated components on the same Lightning page?

☐ **A** A. Direct parent-to-child property only

☒ **B** B. Lightning Message Service

Correct Answer

☐ **C** C. Static resource

☐ **D** D. Apex trigger

85 Question 85

An LWC needs to navigate to a record page. Which Salesforce service is appropriate?

☒ **A** A. NavigationMixin

Correct Answer

☐ **B** B. Database.Navigation

☐ **C** C. RecordPageAPI

☐ **D** D. Apex Navigation Controller

86 Question 86

Which annotation exposes an Apex method to LWC?

☒ **A** @AuraEnabled

Correct Answer

☐ **B** @future

☐ **C** @wire

☐ **D** @track

87 Question 87

Maximum SOQL queries in synchronous Apex?

☐ **A** 50

☒ **B** 100

Correct Answer

☐ **C** 150

☐ **D** 200

88 Question 88

Which collection doesn't allow duplicates?

☐ **A** List

☐ **B** Map

**C****Set****Correct Answer****D****Array****89****Question 89**

What does upsert do?

**A****Insert****B****Update****C****Insert or Update****Correct Answer****D****Delete****90****Question 90**

Batch Apex interface?

**A****Queueable****B****Schedulable**

**C****Database.Batchable****Correct Answer****D****Iterable****91****Question 91**

Purpose of Test.startTest()?

**A****Create data****B****Reset limits****Correct Answer****C****Run batch****D****Insert records****92****Question 92**

Keyword to enforce sharing?

**A****with sharing****Correct Answer****B****without sharing**

☐ **C** global

☐ **D** static

93 Question 93

Future methods run?

☐ **A** Synchronously

☒ **B** Asynchronously

Correct Answer

☐ **C** In UI

☐ **D** In Flow

94 Question 94

Parent-child query uses?

☒ **A** Subquery

Correct Answer

☐ **B** Join

☐ **C** Union

☐ **D** Cross Apply

95 Question 95

Maximum DML statements per transaction?

☐ **A** 100

☒ **B** 150

Correct Answer

☐ **C** 200

☐ **D** 250

96 Question 96

Trigger.new available in?

☒ **A** Insert/Update

Correct Answer

☐ **B** Delete only

☐ **C** Undelete only

☐ **D** Future

97 Question 97

Trigger.old available in?

☐ **A** Insert

☒ **B** Update/Delete

Correct Answer

☐ **C** Future

☐ **D** Batch

98 Question 98

Which exception for no rows assigned to sObject?

☐ **A** DmlException

☐ **B** LimitException

**C****QueryException****Correct Answer****D****NullPointerException****99****Question 99**

Queueable advantage?

**A****Reports****B****Job Chaining****Correct Answer****C****UI****D****Validation****100****Question 100**

Map stores?

**A****Duplicates****B****Key-Value Pairs****Correct Answer**

☐ **C** Indexes

☐ **D** Arrays

101 Question 101

Default access modifier?

☐ **A** Public

☒ **B** Private

Correct Answer

☐ **C** Global

☐ **D** Protected

102 Question 102

SOQL used for?

☐ **A** Modify Data

☒ **B** Query Data

Correct Answer

☐ **C** Delete Data

☐ **D** Deploy Metadata

103 Question 103

SOSL searches?

☐ **A** Single Object

☒ **B** Multiple Objects

Correct Answer

☐ **C** Only Accounts

☐ **D** Only Custom Objects

104 Question 104

Governor limits exist because?

☐ **A** Security

☒ **B** Multitenancy

Correct Answer

☐ **C** UI

☐ **D** Storage

105 Question 105

Which method executes batch chunks?

☐ **A** start

☒ **B** execute

Correct Answer

☐ **C** finish

☐ **D** run

106 Question 106

Can a trigger call a future method?

☒ **A** Yes

Correct Answer

☐ **B** No

☐ **C** Only Batch

☐ **D** Only Queueable

107 Question 107

What is a wrapper class?

☒ **A** Custom Data Structure

Correct Answer

☐ **B** Trigger

☐ **C** Interface

☐ **D** Annotation

108 Question 108

What is recursion?

☐ **A** Loop

☒ **B** Method calling itself

Correct Answer

☐ **C** SOQL

☐ **D** DML

109 Question 109

Static variable belongs to?

☐ **A** Object

☒ **B** Class

Correct Answer

☐ **C** Trigger

☐ **D** Record

110 Question 110

Can constructors have return types?

☐ **A** Yes

☒ **B** No

Correct Answer

☐ **C** Only Void

☐ **D** Only Integer

111 Question 111

What is bulkification?

☐ **A** Single record processing

☒ **B** Handling multiple records efficiently

Correct Answer

☐ **C** Testing

☐ **D** Deployment

112 Question 112

Which keyword allows inheritance?

☐ **A** final

☒ **B** virtual

Correct Answer

☐ **C** private

☐ **D** static

113 Question 113

Which keyword requires implementation?

☐ **A** virtual

☒ **B** abstract

Correct Answer

☐ **C** static

☐ **D** private

114 Question 114

Database.insert(false) returns?

☐ **A** Boolean

☒ **B** SaveResult[]

Correct Answer

☐ **C** Id

☐ **D** String

115 Question 115

Callout limit per transaction?

☐ **A** 10

☐ **B** 50

☒ **C** 100

Correct Answer

☐ **D** 200

116 Question 116

What is an Apex transaction?

☒ **A** Single execution context

Correct Answer

☐ **B** Database only

☐ **C** UI only

☐ **D** API only

117 Question 117

Can triggers perform callouts directly?

☐ **A** Yes

☒ **B** No

Correct Answer

☐ **C** Only Before Trigger

☐ **D** Only After Trigger

118 Question 118

What annotation creates test setup data?

☐ **A** @isTest

☒ **B** @TestSetup

Correct Answer

☐ **C** @future

☐ **D** @AuraEnabled

119 Question 119

Minimum test coverage for deployment?

☐ **A** 50%

☐ **B** 60%

☒ **C** 75%

Correct Answer

☐ **D** 100%

120 Question 120

Can test methods see org data by default?

☐ **A** Yes

☒ **B** No

Correct Answer

☐ **C** Sometimes

☐ **D** Only Sandbox

121 Question 121

What is System.debug used for?

☐ **A** Deployment

☒ **B** Logging

Correct Answer

☐ **C** SOQL

☐ **D** DML

122 Question 122

Which collection is ordered?

☐ **A** Set

☐ **B** Map

**C****List****Correct Answer****D****None****123****Question 123**

What is an SObject?

**A****Database Table Representation****Correct Answer****B****Trigger****C****Class****D****Interface****124****Question 124**

Schema Builder is used for?

**A****Code****B****Data Model****Correct Answer**

☐ **C** Testing

☐ **D** Deployment

125 Question 125

Relationship field on Contact to Account?

☐ **A** ContactId

☒ **B** AccountId

Correct Answer

☐ **C** OwnerId

☐ **D** ParentId

126 Question 126

What is a Roll-Up Summary?

☒ **A** Aggregates child data

Correct Answer

☐ **B** Trigger

☐ **C** Flow

☐ **D** Validation

127 Question 127

Before trigger best for?

☐ **A** Callout

☒ **B** Field updates

Correct Answer

☐ **C** Delete

☐ **D** Batch

128 Question 128

After trigger best for?

☒ **A** Setting Id-dependent relationships

Correct Answer

☐ **B** Validation

☐ **C** Formula

☐ **D** Debug

129 Question 129

Can one trigger exist per object?

☒ **A** Recommended

Correct Answer

☐ **B** Not required

☐ **C** Impossible

☐ **D** Mandatory

130 Question 130

What is a sandbox?

☐ **A** Production Org

☒ **B** Testing Environment

Correct Answer

☐ **C** Package

☐ **D** API

131 Question 131

Which tool deploys metadata?

☒ **A** Change Sets

Correct Answer

☐ **B** Reports

☐ **C** Dashboards

☐ **D** Cases

132 Question 132

What is Apex?

☒ **A** Programming Language

Correct Answer

☐ **B** Database

☐ **C** Report

☐ **D** Flow

133 Question 133

Can SOQL be inside loops?

☐ **A** Best Practice

☒ **B** Avoided

Correct Answer

☐ **C** Required

☐ **D** Mandatory

134 Question 134

Which statement inserts records?

☐ **A** save

☒ **B** insert

Correct Answer

☐ **C** create

☐ **D** add

135 Question 135

Which statement updates records?

☐ **A** modify

☒ **B** update

Correct Answer

☐ **C** edit

☐ **D** save

136 Question 136

What does delete do?

☒ **A** Removes record

Correct Answer

☐ **B** Updates record

☐ **C** Queries record

☐ **D** Clones record

137 Question 137

What is OwnerId?

☒ **A** Record Owner

Correct Answer

☐ **B** Parent Record

☐ **C** Lookup

☐ **D** Formula

138 Question 138

Which automation tool is declarative?

☒ **A** Flow

Correct Answer

☐ **B** Apex Class

☐ **C** Trigger

☐ **D** Batch

139 Question 139

Can Flow call Apex?

☒ **A** Yes

Correct Answer

☐ **B** No

☐ **C** Only LWC

☐ **D** Only API

140 Question 140

What is a custom object suffix?

☐ **A** _r

☒ **B** _c

Correct Answer

☐ **C** ___^x

☐ **D** ___^o

141 Question 141

Which company developed the IBM Z Mainframe systems?

☐ **A** Oracle

☒ **B** IBM

Correct Answer

☐ **C** Microsoft

☐ **D** Dell

142 Question 142

Which operating system is primarily used on IBM Mainframe computers?

☐ **A** Windows

☐ **B** Linux

**C****z/OS****Correct Answer****D****UNIX****143****Question 143**

Mainframe computers are mainly designed for:

**A****Gaming****B****Scientific simulations only****C****High-volume transaction processing****Correct Answer****D****Mobile applications****144****Question 144**

Which of the following is NOT a feature of modern Mainframes?

**A****High Availability****B****Scalability**

☐ **C** Reliability

☒ **D** Low Security

Correct Answer

145 Question 145

What does TSO stand for?

☒ **A** Time Sharing Option

Correct Answer

☐ **B** Terminal System Option

☐ **C** Task Sharing Operation

☐ **D** Time Storage Object

146 Question 146

ISPF is mainly used for:

☐ **A** Database creation

☒ **B** Dataset editing and management

Correct Answer

☐ **C** Email communication

☐ **D** Network configuration

147 Question 147

Which ISPF option is commonly used to edit datasets?

☐ **A** Option 2

☒ **B** Option 3.4

Correct Answer

☐ **C** Option 4

☐ **D** Option 6

148 Question 148

SDSF is mainly used for:

☐ **A** COBOL Programming

☒ **B** Job monitoring

Correct Answer

☐ **C** SQL Queries

☐ **D** VSAM Management

149 Question 149

Which methodology divides work into short iterations called Sprints?

☐ **A** Waterfall

☐ **B** Spiral

☒ **C** Agile

Correct Answer

☐ **D** Prototype

150 Question 150

Scrum is a framework of:

☐ **A** SDLC

☒ **B** Agile

Correct Answer

☐ **C** DevOps

☐ **D** Testing

151 Question 151

Which statement begins every JCL job?

☐ **A** EXEC

☐ **B** DD

☒ **C** JOB

Correct Answer

☐ **D** PROC

152 Question 152

The EXEC statement in JCL is used to:

☐ **A** Allocate datasets

☒ **B** Execute a program or procedure

Correct Answer

☐ **C** End a job

☐ **D** Display output

153 Question 153

The DD statement in JCL is used to:

☒ **A** Define datasets

Correct Answer

☐ **B** Create programs

☐ **C** Compile COBOL

☐ **D** Execute SQL

154 Question 154

JES in Mainframe stands for:

☒ **A** Job Entry Subsystem

Correct Answer

☐ **B** Java Execution Service

☐ **C** Job Editing System

☐ **D** Joint Execution Server

155 Question 155

Which utility sorts records in JCL?

☐ **A** IDCAMS

☐ **B** IEBGENER

☒ **C** SORT

Correct Answer

☐ **D** IEHLIST

156 Question 156

White Box Testing is based on:

☐ **A** Requirements only

☒ **B** Internal program logic

Correct Answer

☐ **C** User Interface

☐ **D** Database structure

157 Question 157

Black Box Testing focuses on:

☐ **A** Source Code

☐ **B** Internal Design

☒ **C** Functional Requirements

Correct Answer

☐ **D** Compiler Errors

158 Question 158

COBOL stands for:

☒ **A** Common Business-Oriented Language

Correct Answer

☐ **B** Common Basic Operating Language

☐ **C** Computer Business Operating Language

☐ **D** Common Binary Operating Language

159 Question 159

Which division is mandatory in every COBOL program?

☐ **A** Environment Division

☒ **B** Identification Division

Correct Answer

☐ **C** Procedure Division

☐ **D** Data Division

160 Question 160

Which division contains executable statements in COBOL?

☐ **A** Data Division

☐ **B** Identification Division

**C****Procedure Division****Correct Answer****D****Environment Division****161****Question 161**

Which JCL statement specifies the program to be executed?

**A****JOB****B****DD****C****EXEC****Correct Answer****D****PROC****162****Question 162**

Which JCL parameter controls the status of a dataset?

**A****SPACE****B****UNIT**

☐ **C** DISP

Correct Answer

☐ **D** VOL

163 Question 163

Which DISP parameter indicates that a new dataset will be created?

☐ **A** SHR

☐ **B** OLD

☒ **C** NEW

Correct Answer

☐ **D** MOD

164 Question 164

Which DISP option allows multiple users to read a dataset simultaneously?

☐ **A** OLD

☒ **B** SHR

Correct Answer

☐ **C** NEW

☐ **D** DELETE

165 Question 165

Which utility copies sequential datasets in JCL?

☐ **A** SORT

☐ **B** IDCAMS

☒ **C** IEBGENER

Correct Answer

☐ **D** IEBCOPY

166 Question 166

Which utility is commonly used to copy or compress PDS libraries?

☐ **A** IDCAMS

☒ **B** IEBCOPY

Correct Answer

☐ **C** SORT

☐ **D** IEFBR14

167 Question 167

What is the purpose of IEFBR14?

☐ **A** Sort records

☐ **B** Copy datasets

☒ **C** Perform no operation (used for dataset allocation/deletion)

Correct Answer

☐ **D** Compile COBOL

168 Question 168

Which JCL component identifies the beginning of a job?

☐ **A** EXEC

☐ **B** DD

**C****JOB****Correct Answer****D****PROC****169****Question 169**

Which division describes input/output files in COBOL?

**A****Identification Division****B****Data Division****C****Environment Division****Correct Answer****D****Procedure Division****170****Question 170**

Which division contains variable declarations?

**A****Procedure Division****B****Data Division****Correct Answer**

☐ **C** Environment Division

☐ **D** Identification Division

171 Question 171

Which COBOL clause defines the data type and size?

☒ **A** PIC

Correct Answer

☐ **B** VALUE

☐ **C** OCCURS

☐ **D** COPY

172 Question 172

Which COBOL statement is used to display output?

☐ **A** MOVE

☒ **B** DISPLAY

Correct Answer

☐ **C** ACCEPT

☐ **D** WRITE

173 Question 173

Which COBOL statement accepts user input?

☐ **A** DISPLAY

☐ **B** MOVE

☒ **C** ACCEPT

Correct Answer

☐ **D** READ

174 Question 174

What does VSAM stand for?

☐ **A** Virtual Sequential Access Method

☒ **B** Virtual Storage Access Method

Correct Answer

☐ **C** Variable Sequential Access Memory

☐ **D** Virtual Storage Allocation Method

175 Question 175

Which VSAM dataset type supports indexed access?

☐ **A** ESDS

☒ **B** KSDS

Correct Answer

☐ **C** RRDS

☐ **D** LDS

176 Question 176

Which VSAM dataset stores records only in sequence?

☐ **A** KSDS

☐ **B** RRDS

☐ **C** ESDS

Correct Answer

☐ **D** LDS

177 Question 177

Which VSAM dataset accesses records by relative record number?

☐ **A** KSDS

☐ **B** ESDS

☒ **C** RRDS

Correct Answer

☐ **D** LDS

178 Question 178

GDG stands for:

☐ **A** General Data Group

☒ **B** Generation Data Group

Correct Answer

☐ **C** Global Dataset Group

☐ **D** Group Data Generation

179 Question 179

The main advantage of GDG is:

☐ **A** Faster compilation

☒ **B** Automatic version management of datasets

Correct Answer

☐ **C** Database security

☐ **D** Program debugging

180 Question 180

DB2 is primarily a:

☐ **A** Programming Language

☒ **B** Relational Database Management System

Correct Answer

☐ **C** Text Editor

☐ **D** Operating System

181 Question 181

DB2 is developed by:

☐ **A** Oracle

☐ **B** Microsoft

☒ **C** IBM

Correct Answer

☐ **D** SAP

182 Question 182

Which SQL statement is used to retrieve data from a table?

☐ **A** INSERT

☐ **B** UPDATE

**C****SELECT****Correct Answer****D****DELETE****183****Question 183**

Which SQL clause is used to filter records?

**A****ORDER BY****B****GROUP BY****C****WHERE****Correct Answer****D****HAVING****184****Question 184**

Which SQL statement is used to add new records to a table?

**A****CREATE****B****INSERT****Correct Answer**

☐ **C** UPDATE

☐ **D** ALTER

185 Question 185

In COBOL-DB2 applications, Embedded SQL statements are enclosed between:

☐ **A** BEGIN and END

☒ **B** EXEC SQL and END-EXEC

Correct Answer

☐ **C** START and STOP

☐ **D** SQLBEGIN and SQLEND

186 Question 186

Which DB2 object stores data in rows and columns?

☐ **A** Index

☒ **B** Table

Correct Answer

☐ **C** View

☐ **D** Cursor

187 Question 187

A Cursor in DB2 is mainly used to:

☐ **A** Create tables

☒ **B** Process multiple rows one at a time

Correct Answer

☐ **C** Delete records

☐ **D** Compile SQL

188 Question 188

Which SQL clause is used to sort the result set?

☐ **A** GROUP BY

☒ **B** ORDER BY

Correct Answer

☐ **C** HAVING

☐ **D** DISTINCT

189 Question 189

What does CICS stand for?

☒ **A** Customer Information Control System

Correct Answer

☐ **B** Customer Integrated Computing System

☐ **C** Customer Information Computing Service

☐ **D** Common Information Control System

190 Question 190

CICS is mainly used for:

☐ **A** Batch Processing

☒ **B** Online Transaction Processing

Correct Answer

☐ **C** File Compression

☐ **D** Network Configuration

191 Question 191

Which CICS feature is responsible for screen handling?

☐ **A** File Control

☒ **B** Basic Mapping Support (BMS)

Correct Answer

☐ **C** DB2

☐ **D** VSAM

192 Question 192

Which CICS service manages VSAM file access?

☐ **A** Program Control

☐ **B** Terminal Control

**C****File Control****Correct Answer****D****Task Control****193****Question 193**

Temporary Storage Queue (TSQ) is primarily used to:

**A****Store temporary transaction data****Correct Answer****B****Execute SQL****C****Compile COBOL****D****Allocate datasets****194****Question 194**

Which CICS component manages communication between the user terminal and application?

**A****File Control****B****Terminal Control****Correct Answer**

☐ **C** DB2

☐ **D** VSAM

195 Question 195

GitHub Copilot for Mainframe Development is mainly used to:

☐ **A** Replace z/OS

☒ **B** Assist developers in writing code

Correct Answer

☐ **C** Create databases automatically

☐ **D** Monitor hardware

196 Question 196

IBM Watson Code Assistant for z is designed to:

☐ **A** Replace Mainframe hardware

☒ **B** Assist in code understanding and modernization

Correct Answer

☐ **C** Create operating systems

☐ **D** Manage networks

197 Question 197

One major benefit of AI in Mainframe development is:

☐ **A** Reduces code quality

☐ **B** Increases manual work

☒ **C** Improves developer productivity

Correct Answer

☐ **D** Eliminates databases

198 Question 198

The primary objective of a Capstone Project is to:

☐ **A** Learn only theory

☒ **B** Apply concepts to solve a real-world problem

Correct Answer

☐ **C** Practice aptitude questions

☐ **D** Perform hardware testing

199 Question 199

During a Hackathon, participants are generally expected to:

☐ **A** Work individually only

☒ **B** Build and present a working solution within a limited time

Correct Answer

☐ **C** Attend lectures only

☐ **D** Write theoretical assignments

200 Question 200

Which of the following is the MOST important factor for success in an Agile Hackathon?

☐ **A** Working alone

☒ **B** Team collaboration and continuous communication

Correct Answer

☐ **C** Avoiding testing

☐ **D** Writing lengthy documentation only

201 Question 201

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

202 Question 202

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****203****Question 203**

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

**A****8****B****\$****Correct Answer****C****_****D****C****204****Question 204**

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

205 Question 205

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

206 Question 206

The result of the expression $\text{result} = \text{var} \bmod 2$ 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

207 Question 207

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

☐ **A** +

☐ **B** &

☒ **C** &&

Correct Answer

☐ **D** \$\$

208 Question 208

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****209****Question 209**

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****210****Question 210**

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

211 Question 211

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

212 Question 212

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

213 Question 213

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

214 Question 214

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

215 Question 215

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

☒ **A** Importing parameters

Correct Answer

☐ **B** Exporting parameters

☐ **C** Changing parameters

☐ **D** None

216 Question 216

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

217 Question 217

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

218 Question 218

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

219 Question 219

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

220 Question 220

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

☐ **A** F1

☐ B F2

☐ C F3

☒ D F8

Correct Answer

221 Question 221

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.

222 Question 222

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.

223 Question 223

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**

224 Question 224

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.

225**Question 225**

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.

226**Question 226**

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.

227**Question 227**

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****228****Question 228**

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

229 Question 229

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

☐ **A** Private

☐ **B** Protected

☒ **C** Public

Correct Answer

☐ **D** Friend

230 Question 230

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 {}****231****Question 231**

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****232****Question 232**

When is the object created with new keyword?

**A****At run time****Correct Answer**

☐ **B** At compile time

☐ **C** Depends on the code

☐ **D** None

233 Question 233

Arrays in Java are

☐ **A** Object reference

☒ **B** Objects

Correct Answer

☐ **C** Primitive data type

☐ **D** None

234 Question 234

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

235 Question 235

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

236 Question 236

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

☐ **A** int

☐ **B** void

☐ **C** double

☒ **D** char

Correct Answer

237 Question 237

Identify the incorrect Java feature.

☐ **A** Object oriented

☐ **B** Dynamic

☒ **C** Use pointers

Correct Answer

☐ **D** Architectural neutral

238 Question 238

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

239 Question 239

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

☐ **A** java.io

☐ **B** java.lang

☒ **C** java.util

Correct Answer

☐ **D** java.String

240 Question 240

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