

OOPS JAVA Unit-4 Test-1

Total questions: 20

Worksheet time: 40mins

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Name Class Date **1. Collection of similar classes, interfaces and sub packages**

- a) packages
- b) variable
- c) Interface
- d) class

2. Define Subpackage

- a) class member of package
- b) interface member of package
- c) None
- d) package within another package

3. API

- a) all time program interterface
- b) None
- c) applet programming interface
- d) application programming interface

4. Uses of Packages

- a) access protection
- b) None
- c) easily maintained
- d) avoid naming collision

5. package types

- a) user defined
- b) built-in package
- c) both
- d) none

6. what is the Syntax to define or create a package?

- a) none
- b) `import package <package_name>;`
- c) `package <package_name>`
- d) `package <package_name>;`

7. _____ is a collection of prewritten packages, classes, and interfaces with their respective methods, fields and constructors.
- a) user defined package
 - b) API package
 - c) class
 - d) interface
8. what is syntax to import all the content of package?
- a) `import package_name.*;`
 - b) `import pak1.pak2.pak3;`
 - c) `import package_name.class_name;`
 - d) None
9. what is syntax to import a particular class of package?
- a) `import class_name.*;`
 - b) `import package_name.class_name;`
 - c) `import package_name.*;`
 - d) `import pak1.pak2.pak3;`
10. Choose the correct sequence.
- a) Select Start -> Control Panel -> Environment Variables -> System Variables -> CLASSPATH
 - b) Select Start -> system & security -> System -> Advanced -> Environment Variables -> System Variables -> CLASSPATH
 - c) Select Start -> Control Panel -> system & security -> System -> Advanced -> Environment Variables -> System Variables -> CLASSPATH
 - d) Select Start -> Control Panel -> system & security -> System -> System Variables -> CLASSPATH
11. choose the right one.
- a) path is used by the operating system to find the executable files (.exe).
 - b) classpath is used by Application ClassLoader to locate the .class file.
 - c) classpath can be overridden
 - d) path can't be overridden

12. Access modifiers are

- | | |
|------------|--------------|
| a) private | b) public |
| c) Default | d) protected |

13. which member of a class can be accessible by the child of it of the same package?

- | | |
|------------|--------------|
| a) private | b) protected |
| c) default | d) public |

14. which member of a class can be accessible by the another class of the same package?

- | | |
|--------------|------------|
| a) protected | b) public |
| c) private | d) default |

15. which member of a class can be accessible by the child class of another package?

- | | |
|--------------|------------|
| a) protected | b) all |
| c) public | d) private |

16. which member of a class can be accessible by the class of another package?

- | | |
|------------|--------------|
| a) public | b) protected |
| c) default | d) private |

17. which member of a class can be accessible by other member of the same class?

- | | |
|------------|--------------|
| a) private | b) protected |
| c) public | d) default |

18. List top level access modifiers

- | | |
|---------|--------------------|
| a) none | b) package-private |
| c) both | d) private |

19. List member level access modifiers

- a) protected
- b) default
- c) public
- d) private

20. Access Modifier controls_____.

- a) None
- b) whether other packages can use a particular field or invoke a particular method.
- c) whether other interfaces can use a particular field or invoke a particular method.
- d) whether other classes can use a particular field or invoke a particular method.

Answer Keys

1. a) packages
2. d) package within another package
3. d) application programming interface
4. c) easily , access maintained a) protection d) naming collision
5. c) both
6. d) package <package_name>;
7. b) API package
8. a) import package_name.*;
9. b) import packaage_name.class_name
10. c) Select Start -> Control Panel -> system & security -> System -> Advanced -> Environment Variables -> System Variables -> CLASSPATH
11. b) classpath is used by Application ClassLoader to locate the .class file.
12. b) public, default, private a) used by the operating system to find the executable files (.exe). d) be c) c) can be overridden overridden
13. d) public, default, protected c) b)
14. c) public, default, protected d) a)
15. c) public, protected a)
16. a) public
17. c) public, private, default a) d)
18. b) package-private b)
19. c) public, private, default d) b)
20. d) protected a) classes can use a particular field or invoke a particular method.

