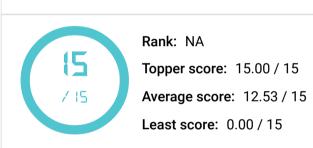
Result & Analysis

Student: INDHU R Email id: 727721euit056@skcet.ac Test: IRC_SKCET_JAVA_MCQ_InherCourse: 2021_25 Java Programmin

Attempt 1

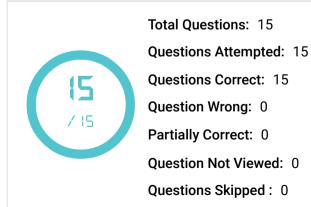
Overall score



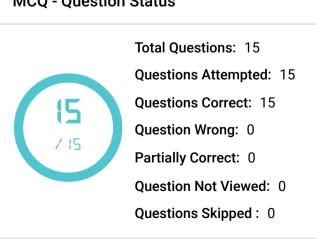




Overall Question Status



MCQ - Question Status



SKCET 10/16/22, 9:05 PM

Topic wise Analysis

MCO

Question No: 1

Multi Choice Type Question

Report Error

You are creating a Motorcycle class which is supposed to be a subclass of the Vehicle class. Which of the following class declaration statements will accomplish this?

public class Motorcycle extends Vehicle

CORRECT

public class Motorcycle implements Vehicle

public class Motorcycle interfaces Vehicle

public class Motorcycle inherits Vehicle

Status: Correct

Mark obtained: 1/1

Hints used: 0

Level: Medium

Question type: MCQ Single Correct Subject: Programming

Subject: Java Programming

Subject: Inheritance

Question No: 2

Multi Choice Type Question

Report Error

What is the output of this program?

```
class Mammal
2
       void eat(Mammal m)
3
```

prints "Mammal eats food"

prints "Cattle eats hay"

CORRECT

prints "Horse eats hay"

Class cast Exception at runtime

Status: Correct Mark obtained: 1/1

Hints used: 0

SKCET

Level: Easy

Question type: MCQ Single Correct Subject: Programming

Subject: Java Programming

Subject: Inheritance

Question No: 3

Multi Choice Type Question

Report Error

Which of the following is true regarding subclasses?

A subclass that inheri override the methods.	ts methods from its superclass may	/ not			
	A subclass that inherits instance variables from its superclass may not declare additional instance variables.				
A subclass may inher superclass but not bo	it methods or instance variables fro th.	m its			
variables from its sup	it methods and instance erclass, and may also ethods and declare its own	RRECT			
Status: Correct	Mark obtained: 1/1	Hints used: 0	Level: Easy		
Question type: MCQ Sing Subject: Inheritance	le Correct Subject : Programming	Subject : Java Progra	amming		
Question No: 4	Multi C	Choice Type Question		Report Error	
Which of these keywords is	used to refer to member of base cl	ass from a subclass?			
upper					
super	COI	RRECT			
this					

none of the mentioned

Status: Correct Mark obtained: 1/1 Hints used: 0 Level: Medium

Question type: MCQ Single Correct Subject: Programming Subject: Java Programming

Subject: Classes and Objects

Question No: 5 Multi Choice Type Question

Report Error

Consider the hierarchy of classes shown below.



Which represent valid class headers that would be found in this hierarchy?

Continuing single lev				
Continuing single lev	ei illileritarice			
	al inharitance			
Classes being derive	d from other derived classes CORR	RECT		
A class derived from	another derived class			
Which among the following	g best defines multilevel inheritance?			
uestion No: 6	stion No: 6 Multi Choice Type Question			Report Error
Subject: Inheritance				
Question type: MCQ Sing	gle Correct Subject : Programming	Subject: Java Progra	amming	
Status: Correct	Mark obtained: 1/1	Hints used: 0	Level: Easy	
	Show extends RealityShow { Show extends ScriptedShow {			
	/ extends Drama {			
	xtends TelevisionShow {			
public class Scripted public class Drama e	onShow extends ScriptedShow { dShow extends Comedy { xtends TelevisionShow {			

SKCET Question type: MCQ Single Correct Subject: Programming Subject: Java Programming Subject: Classes and Objects **Question No: 7 Multi Choice Type Question Report Error** If a subclass contains a method with the same name as a method in its superclass, but with different parameter types, the subclass method is said to ____ the method of the superclass. implement inherit override

Status: Correct Mark obtained: 1/1 Hints used: 0 Level: Easy

CORRECT

Question type: MCQ Single Correct Subject: Programming Subject: Java Programming

Subject: Inheritance

overload

Question No: 8 Multi Choice Type Question

Report Error

If a subclass uses the same method name but different parameter types for a method that appears in its superclass, ____.

the subclass method has overloaded its superclass's CORRECT method.

the subclass method has overridden its superclass's method.

the subclass has implemented its superclass's method.

a compiler error will occur.

Status: Correct Mark obtained: 1/1 Hints used: 0 Level: Easy

Question type: MCQ Single Correct Subject: Programming Subject: Java Programming

Subject: Inheritance

Question No: 9

Multi Choice Type Question

Report Error

Consider the following code snippet and answer the question that follows.

Which of the following statements is correct?

```
public class Vehicle

public void setVehicleAtrributes()

fubreal content of the content of
```

1		ι			
14			•	•	
15		}			
16	}				

The subclass is shadowing a superclass method.

The subclass is overloading a superclass method.

The subclass is overriding a superclass method. CORRECT

This code will not compile.

Status: Correct Mark obtained: 1/1 Hints used: 0 Level: Easy

Question type: MCQ Single Correct Subject: Programming Subject: Java Programming

Subject: Inheritance

Question No: 10 Multi Choice Type Question

Report Error

Which of the following does not belong: If a class inherits from some other class, it should

- Make use of the parent class's capabilities
- Over-ride or add the minimum to accomplish the derived class' purpose

Over-ride all the methods of its parent class

CORRECT

Make sure the result "IS-A-KIND-OF" its base class

Status: Correct Mark obtained: 1/1

Hints used: 0 Level: Medium

Question type: MCQ Single Correct Subject: Programming

Subject: Java Programming

Subject: Classes and Objects

Question No: 11 Multi Choice Type Question

Report Error

What would be the behaviour if this() and super() used in a method?

Runtime error

Throws exception

compile time error CORRECT

Runs successfully

Status: Correct Mark obtained: 1/1 Hints used: 0 Level: Easy

Question type: MCQ Single Correct Subject: Programming Subject: Java Programming

Subject: Functions

Question No: 12 Multi Choice Type Question

Report Error

Which of the following statement(s) is/are true?

- a. The scope of a local variable is wider than the scope of an instance variable.
- b. The instance variable are only visible to the methods in which they are declared.
- c. The variable "x" could be an instance variable in the declaration "final int x = 10".

Only a.	
Only c.	CORRECT
Only a and b.	
Only a and c.	
None	

Status: Correct Mark obtained: 1/1 Hints used: 0 Level: Easy

Question type: MCQ Single Correct Subject: Programming Subject: Java Programming

Subject: Methods

Question No: 13 Multi Choice Type Question

Report Error

Which of the following is not a reason to use encapsulation when designing a class?

Promote usability by other developers.

Maintain class data inte	grity of data elements.			
Prevent users from mod	lifying the internal attributes of a cla	SS.		
 Increase concurrency ar 	nd improve performance. CORR	ECT		
Status: Correct Question type: MCQ Single Subject: Encapsulation	Mark obtained : 1/1 Correct Subject : Programming	Hints used: 0 Subject: Java Programming	Level: Medium	
Question No: 14	Multi Ch	oice Type Question		Report Error
What is true about private cor	nstructor?			
Private constructor ensuclass exist at any point of	ures only one instance of a CORR	ECT		
Private constructor ensurate any point of time	ures multiple instances of a class ex	ist		
Private constructor ease	es the instantiation of a class			
Private constructor allow	ws creating objects in other classes			
Status: Correct	Mark obtained: 1/1	Hints used: 0	Level: Easy	

Question type: MCQ Single Correct Subject: Programming Subject: Java Programming

Subject: Functions

Question No: 15 Multi Choice Type Question

Report Error

What is true about protected constructor?

Protected constructor can be called directly

Protected constructor can only be called using super()

CORRECT

Protected constructor can be used outside package

 protected constructor can be instantiated even if child is in a different package

Status: Correct Mark obtained: 1/1

Hints used: 0

Level: Medium

Question type: MCQ Single Correct Subject: Programming

Subject: Java Programming

Subject: Encapsulation