

ANSWER SHEET

CS1101X/Y/Z TERM TEST #1

MODULE: CS1101 (X or Y or Z)

DISCUSSION GROUP: (1 to 7)

MATRICULATION NO:

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(write legibly using a pen)

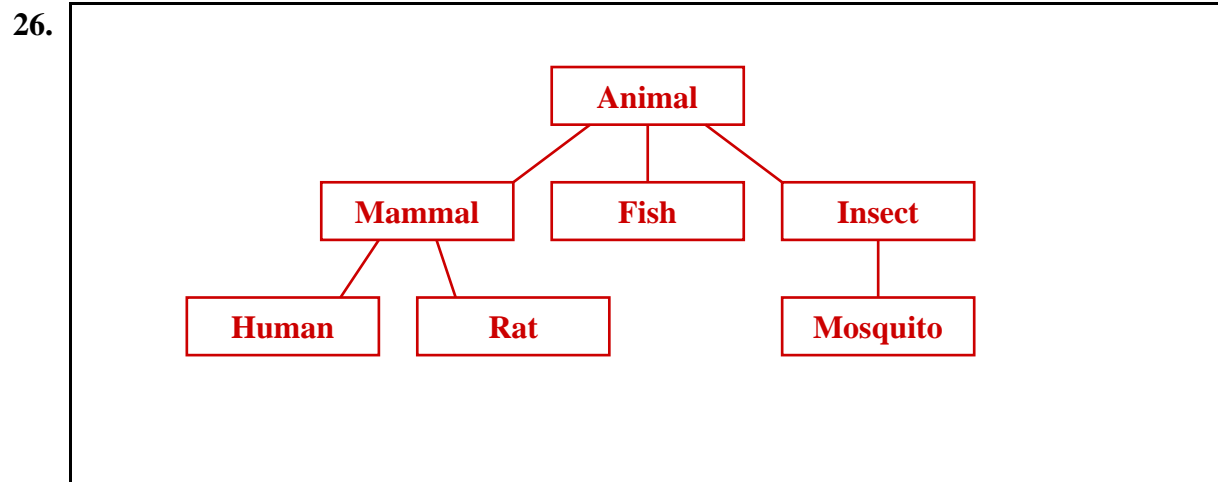
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TOTAL
MARKS

SECTION A (1 mark each)

- | | | | | |
|-----------------------------------|------------------------------------|------------------------------------|---|------------------------------------|
| 1. <input type="text" value="A"/> | 6. <input type="text" value="E"/> | 11. <input type="text" value="C"/> | 16. <input type="text" value="B"/> | 21. <input type="text" value="D"/> |
| 2. <input type="text" value="B"/> | 7. <input type="text" value="D"/> | 12. <input type="text" value="E"/> | 17. <input type="text" value="voided"/> | 22. <input type="text" value="B"/> |
| 3. <input type="text" value="D"/> | 8. <input type="text" value="C"/> | 13. <input type="text" value="A"/> | 18. <input type="text" value="A"/> | 23. <input type="text" value="C"/> |
| 4. <input type="text" value="B"/> | 9. <input type="text" value="E"/> | 14. <input type="text" value="D"/> | 19. <input type="text" value="C"/> | 24. <input type="text" value="E"/> |
| 5. <input type="text" value="B"/> | 10. <input type="text" value="A"/> | 15. <input type="text" value="B"/> | 20. <input type="text" value="D"/> | 25. <input type="text" value="D"/> |

SECTION B (2 marks each)



Class Hierarchy

27.

```

public boolean isMultiple( int x, int y ) {
    return ( x % y == 0 );
}
  
```

isMultiple

28.

```
public String headTail( String s ) {  
  
    return s.substring( 0, 1 ) +  
           s.substring( s.length()-1, s.length() );  
  
    // OR THE FOLLOWING ANSWER:  
    // return s.substring( 0, 1 ) +  
    //           s.substring( s.length()-1 );  
}
```

headTail

29.

```
public int someMethod( int a, int b ) {  
  
    return ( a % 2 == b % 2 )? a*b: a+b;  
  
}
```

someMethod

30.

```
int a = ...;  
int b = ...;  
  
// Write your code below.  
  
int tmp = a;  
a = b;  
b = tmp;
```

Exchange values of variables a and b.

—— THE END ——