**FULL STACK DEVELOPMENT – WORKSHEET 1**

* Answers of Worksheet 1

Q1. **Ans: A) 32 and 64**

Q2. **Ans: B) Int to long**

Q3. **Ans: D) 24I**

Q4. **Ans: A) 50**

**Code: public** **class** Question4 {

**public** **static** **void** main(String[] args){

**short** x = 10;

x =(**short**)(x\*5);

System.***out***.print(x);

}

}

Q5. **Ans: A) -127**

**Code: public** **class** Question5 {

**public** **static** **void** main(String[] args){

**byte** x = 127;

x++;

x++;

System.***out***.print(x);

}

}

Q6. **Ans: B) char[] ch= new char[5]**

Q7. **Ans: B) 120 200 14**

**Code: public** **class** Question7 {

**public** **static** **void** main(String[] args){

**int**[] x = {120, 200, 016};

**for**(**int** i = 0; i < x.length; i++){

System.***out***.print(x[i] + "");

} } }

Q8. **Ans: A) The reference of the array.**

Q9. **Ans: B) 1**

**Code: public** **class** Question9 {

**public** **static** **void** main(String[] args) {

**int**[] A = {0,2,4,1,3};

**for**(**int** i = 0; i < A.length; i++){

A[i] = A[(A[i] + 3) % A.length];

}

System.***out***.println(A[1]);

}}

Q10. **Ans: A) At run time.**

Q11 **Ans: C) A package is a collection of classes and interfaces**

Q12. **Ans: B) static**

Q13. **Ans: B) Only Solution class**

Q14. **Ans: A) java.lang.Object**

Q15. **Ans: B) bc**

**Code: public** **class** Question15 {

**static** String *str* = "abcde";

**public** **static** **void** main(String[] args) {

System.***out***.println(*str*.substring(1, 3));

}

}

Q16. **Ans: D) -1**

**Code: public** **class** Question16 {

**static** String *str* = "Hellow";

**public** **static** **void** main(String [] args) {

System.***out***.println(*str*.indexOf('t'));}}

Q17. **Ans: C) onetwo**

**Code: public** **class** Question17 {

**public** **static** **void** main(String args[]){

String str1 = "one";

String str2 = "two";

System.***out***.println(str1.concat(str2));}}

Q18. **Ans: B) 3**

Q19. **Ans: B) Error**

Syntax error on token "++", delete this token

a cannot be resolved to a variable

Q20. **Ans: A) TRUE**

**Code: public** **class** Question20 {

**public** **static** **void** main(String[] args) {

**if**(1 + 1 + 1 + 1 + 1 == 5){

System.***out***.print("TRUE");

}

**Else** {

System.***out***.print("FALSE");}}}

Q21. **Ans: A) 50**

**Code: public** **class** Question21 {

**public** **static** **void** main(String[] args) {

**int** x = 5;

x \*= (3 + 7);

System.***out***.println(x);

}}

Q22. **Ans: B) void**

Q23. **Ans: B) 3.0**

Q24. Ans: **D) static**

Q25. **Ans: B) Instance variables**

Q26. **Ans: D) 6**

**Code of program:**

**public** **class** Solution {

**public** **static** **void** main(String args[]){

**int** i;

**for**(i = 1; i < 6; i++){

**if**(i > 3) **continue**;

}

System.***out***.println(i);

}

}

Q27. **Ans: D) All of the above**

Q28. **Ans: A) catch**

Q29. **Ans: C) ArithmeticException**

Q30. **Ans: A. java.lang.package**