O. P. JINDAL SCHOOL, SAVITRI NAGAR
Half Yearly Examination (2018 – 2019)

Class: XI

Subject: Informatics Practices

MM: 70

Time: 3 Hrs.

General Instructions:

- *Please check that this question paper contains 02 printed pages.*
- *Please check that this question paper contains 49 questions.*
- *Fifteen Minutes Extra time has been allotted to read the Question Paper.*

Q1. What is Plotter?

Q2. What is Embedded Computer? (1)

Q3. What is Biometric Sensor? (1)

Q4. Write the full form of MICR. (1)

Q5. What features of electronic spreadsheets make them useful? (1)

Q6. What is Time sharing operating system? (2)

Q7. What is the difference between interpreter and compiler? (2)

(2)

Q8. What is Spamming?

Q9. What is Drum Printer? (1)

Q10. What is Trojan Horse? (1)

Q11. What is the function of a memory? (1)

Q12. Write the disadvantages of Adware? (1)

Q13. How many types of printers are there? Give suitable examples. (2)

Q14. What is Utility software? How many types of utility software are there? (2)

(2)

Q15. What is System Software?

Q16. What is the function of ALU? (1)

Q17. What is Defragmentation? (1)

Q18. What is PC Intrusion? (1)

Q19. Briefly explain   (i) VDU   (ii) LCD (1)

Q20. Differentiate between Hacker and Cracker. (2)

Q21. Differentiate between Digital Certificate and Digital Signature. (2)

(2)

Q22. What is a 'Source Code'? What is an 'Object Code' ?

Q23. What is casting, when do we need it? (1)

Q24. What is the function language processor? (1)

Q25. If X = 42, than find the value of : (1)
   i) Y=++X;   ii) Y=X++;

Q26. What do you understand by by JVM? (1)

Q27. What do you mean by token? Name the tokens available in JAVA. (2)

Q28. What are the data types ? Name some data-types available in JAVA. (2)

(2)

Q29. What are container control?

Q30. What is code editor? (1)

Q31. What are RAD tools? (1)

Q32. What is echo printing ? (1)

Q33. What is a floating constant in Java? How many ways a floating constant can be represented? (1)

(2)

Q34. What are iteration statements? Name some iteration statements provided by java. (2)

Q35. What are different characteristics of Java? Name at least three common controls. Also give some of their properties. (2)

Q36. Name some properties of Jframe object. (1)

Q37. What is Implicit type conversion? (1)

Q38. What do you mean by Syntax errors and Semantics errors? (1)

Q39. What is Explicit type conversion? (1)

Q40. What is the role comments and indentation in a program? (2)

Q41. What is Write Once Run Anywhere characteristics of JAVA? (2)

Q42. Predict the output from the following code: (2)

```
int count = 0;
for (int i = 1; i < 3; i++)
resume:
        for (int j = 0; j < 4; j++)
for (int k = 0; k > 5; k++)     {
            ++ count;
        if ( i == 1 && j == 2 && k == 3) break resume;
}
System.out.println("\t count = " + count);
```

Q43. What does the break statement do? Give example. (1)

Q44. What is a Literal? (1)

Q45. What do you understand by visual programming ? (1)

Q46. What is a source code ? (1)

Q47. Name atleast two common controls.Also give some of their properties. (2)

Q48. Given the following code fragment : (2)

```
int ch = 20 ;
System.out.println (++ch);
System.out.println (ch) ;
```

   i) What output does the above code fragment will produce ?

   ii) What is the effect of replacing ++ch with ch+1 ?

Q49. Explain the following : (2)

   i) Event   ii) Event Driven Program

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