CBSE – DEPARTMENT OF SKILL EDUCATION

Information Technology (SUBJECT CODE 802)

Sample Question Paper

Class XII (Session 2019–2020)

Time: 3 Hours   **Max. Marks: 60**

General Instructions:

1. *This Question Paper consists of two parts viz. Part A: Employability Skills and Part B: Subject Skills.*

   Part A: Employability Skills (10 Marks)

   i.   *Answer any 4 questions out of the given 6 questions of 1 mark each.*
   ii. *Answer any 3 questions out of the given 5 questions of 2 marks each.*

   Part B: Subject Skills (40 Marks):

   iii. *Answer any 10 questions out of the given 12 questions of 1 mark each.*
   iv. *Answer any 5 questions from the given 7 questions of 2 marks each.*
   v.   *Answer any 5 questions from the given 7 questions of 3 marks each.*
   vi. *Answer any 3 questions from the given 5 questions of 5 marks each.*
2. ***This question paper contains 42 questions out of which 30 questions are to be answered.***
3. *All questions of a particular part/section must be attempted in the correct order.*
4. *The maximum time allowed is 3 hrs.*

PART A: EMPLOYABILITY SKILLS (10 MARKS)

Answer any 4 questions out of the given 6 questions of 1 mark each:

1.	A complex sentence is a sentence that combines one _____clause with at least one dependent clause.
2.	Self – motivation increases individuals' _____and _____.

3.	What is the shortcut key to insert current date in a cell?
	    A.CTRL +;
	    B.CTRL + T
	    C.CTRL + D
	    D.CTRL +'

4.	In _____ form of business, the finished product can be directly sold to the customer.

5.	Green building offers a chance to be part of the solution to _____.	
6.	Music is one of the source of _____.	

Answer any 3 questions out of the given 5 questions of 2 marks each:

7.	Explain the any two types of Verbal Phrases with the help of suitable examples.	
8.	What is the source of self motivation?	
9.	Write down the steps to insert picture from file.	
10.	Differentiate between Manufacturing business and trading business.	
11.	Write any four steps that green jobs can take to reduce greenhouse gas emission.	

PART B: SUBJECT SKILLS (50 MARKS)

Answer any 10 questions out of the given 12 questions:

12.	_____is a collection of raw facts which have not been processed to reveal useful information.	**(1)**
13.	Define Data Redundancy.	**(1)**
14.	_____ constraint is used to restrict the values of an attribute within a range.	**(1)**
15.	_____command is used to modify the base table definition. a. Create Table b. Alter Table c. Update Table d. Modify Table	**(1)**
16.	_____ is a special method that every Java application must have. a. Getter b. Setter	**(1)**

	c. Main d. Default	
17.	_____ method test whether this string end with the given suffix or not.	**(1)**
18.	The _____ method of Array class is used to arrange the Array of integers in ascending order.	**(1)**
19.	Which of the following is **not** an example of eGovernance? a. To file property tax b. To apply for renewal of Passport c. To start an online coding course for 3 months d. To get Voters ID card issued Ans c. To start an online coding course for 3 months	**(1)**
20.	What are webinars?	**(1)**
21.	Finding of Bugs and Fixing them happens in _____ . a. Design Phase b. Testing Phase c. Implementation Phase d. Reuirement Definition Phase	**(1)**
22.	Choose the correct sequence to be followed while buying online. a. Provide your details (Or login into your bank account) b. Add items in shopping cart c. Choose payment option (Make payment if not cash on delivery) d. Select Buy option i. c,d,b,a ii. b,d,c,a iii. d,b,c,a iv. a,c,b,d	**(1)**
23.	Predict the output of the following expression of the initial value of x is 5. $$x=((++x)*2)+7$$ a. 19 b. 21 c. 18 d. 20	**(1)**

Answer any 5 questions out of the given 7 questions of 2 marks each:

24.	Illustrate any two DML commands with the help of suitable example.	**(2)**

25.	List any four advantages of DBMS.	(2)
26.	Explain the concept of Candidate Key with the help of a suitable example.	(2)
27.	What is the pupose of using default in a switch statement?	(2)

28.	The following code has error(s). Rewrite the correct code underlining all the corrections made :
	int n=15,
	int i=10,x=1;
	do;
	{
	  x=x*i;
	  i++;
	while[i<=n]
	jTextField1.settext(""+x);
		(2)

29.	Rewrite the following code using WHILE loop:
	int x=100;
	for(int i=2;i<=22;i=i+4)
	{
	  jTextArea1.append("\n"+(i+x));
	  x=x-2;
	}
		(2)

30.	Explain important phases of Web Application Development.	(2)

Answer any 5 questions out of the given 7 questions of 3 marks each:

31.	What is the purpose of group by command? How is it different from Order by command? Give example.	(3)
32.	Radha has given the following query, she is unable to run due to errors, rectify the errors and underline the correction made:	(3)
33.	A garment Company is planning to launch its website and a Mobile App. Mention various factors that the company shall keep in mind to attract people for online shopping.	(3)
34.	With an alarming rate of increase in Cyber fraud write at least three points to be kept in mind while making an online transactions.	(3)
35.	What are variables? What are the rules to be followed while naming a variable. Give example.	(3)
36.	How are exceptions handled in Java? Explain with the help of a suitable example.	(3)
37.	State the potential areas of Work Integrated Learning in the field of education.	(3)

Answer any 3 questions out of the given 5 questions of 5 marks each:

38.	Consider the following and answer the questions. (a) Wrtite a query to create a table **TravelAgency.**	(2 +1 +1 +1)

AgenCode	Char(4)	Primary Key
AgentName	Varchar(20)	Not Null
Location	Varchar(25)	
Package	Varchar(30)	
Charges	Decimal	

(b) Wtite a query to add a new row to a table TravelAgency
("A006", "John Sharon", "Sam Ana Travel", "Domestic", 45000)

(c) Write a query to add a new column EmailId to a table TravelAgency

39.	Mention any three advantanges of Online reservation and two challenges faced by end user while booking online railway ticket.	(5)
40.	What are the objectives of eGovernance ? How does eGovernance empowers the citizens.	(5)
41.	(i) Write a JAVA program (method) to develop an application in JAVA to calculate Marks in 5 subjects and show the percentage of Students.	(5)
42.	(a) Define Constructors . Also write two charactertics of a constructor. (b) What is a wrapper class? Explain with the help of a suitable example.	(5)