Pratap Public School, Karnal
Pre-Board Examination - 2021-2022
Class - X
Subject - Information Technology (402)

Time : 1 Hour   M.M : 25

Name .... Roll No. .... Section ....

General Instructions:-

1. Please read the instructions carefully
2. This Question Paper is divided into 03 sections, viz., Section A, Section B and Section C.
3. Section A is of 05 marks and has 06 questions on Employability Skills.
   a) Question numbers 1 to 4 are one mark questions. Attempt any three questions.
   b) Question numbers 5 and 6 are two marks questions. Attempt any one question.
4. Section B is of 12 marks and has 12 questions on Subject Specific Skills.
   a) Question numbers 7 to 12 are one mark questions. Attempt any four questions.
   b) Question numbers 13 to 18 are two marks questions. Attempt any four questions.
5. Section C is of 08 marks and has 03 competency-based questions.
   a) Question numbers 19 to 21 are four marks questions. Attempt any two questions.
6. Do as per the instructions given in the respective sections.
7. Marks allotted are mentioned against each section/question.

(SECTION-A)   (3 + 2 = 5 marks)

Answer any 3 questions out of the given 4 questions. Each question is of 1 mark.

Q.1   Explain the term 'Entrepreneur'.   1
Q.2   Write any two qualities of an entrepreneur.   1
Q.3   What is sustainable development?   1
Q.4   List any two solutions related to Sustainable Development.   1

Answer any 1 question out of the given 2 questions. Each question is of 2 marks.

Q.5   Explain any two functions of an entrepreneur.   2
Q.6   List any four factors causing ecological imbalance.   2

(SECTION-B)   (4 + 8 = 12 marks)

Answer any 04 questions out of the given 06 questions.

Q.7   Define computer accessibility.   1
Q.8   Expand WAN.   1
Q.9   Name the device that converts digital signal to analog that can travel over phone lines. 1
Q.10 Define the term Tuple'.   1

Q.11 What is a database? 1

Q.12 Write any two DDL commands. 1

Answer any 04 questions out of the given 06 questions (2 x 4 = 8)

Q.13 What is antivirus software? 2

Q.14 How many types of instant messaging software are there? 2

Q.15 Explain two types of languages used for creating and manipulating data in databases. 2

Q.16 Write any four benefits of Networking. 2

Q.17 Explain Primary key and Foreign key. 2

Q.18 What do you mean by sorting? How can you sort data in a table using SQL commands? 2

(SECTION-C)
(COMPETENCY BASED QUESTIONS)

Answer any 02 questions out of the given 03 questions (2 x 4 = 8 marks)

Q.19 Riya uses internet for her school project. She is unaware of possible online threats. Mention two online threats and three measures she shall take to ensure safety from online threats. 4

Q.20 Siya has purchased some books from an online site. She has to make online payment for the books to complete the transaction. Help her by answering her following queries:

1. Suggest any two options that she can use to make payment of her bill on the online shopping website.

2. Name any 2 situations where online shopping could be useful.

3. Name any 2 popular online transaction websites.

4. Write full form of COD in reference to online shopping. 4

21. A shopkeeper maintains a database table named item for his shop. The table contains the following data:

Table: Item

ITEM NO.	INAME	PRICE	QTY
12	Pen	10	17
13	Eraser	5	15
14	Notebook	15	15

Now help him in doing the following tasks on the table:

a. Write a query to insert a new record of following details:

   15, "Pencil", 20, 10

b. Write a query to display detail of items whose quantity is more than 10.

c. Write a query to change the quantity of Item number 13 to 25.

d. Display the name of item whose price is 10. 4