

Pratap Public School, Karnal

Set-A

TERM-II Practice Test-1

Class - X

Subject - Information Technology (402)

Time: 2 Hours

M.M : 40 25

Name Roll No. Section

General Instructions:-

- i) Please read the instructions carefully.
- ii) This Question Paper is divided into 03 sections, viz., Section A, Section B and Section C.
- iii) Section A is of 05 marks and has 06 questions on Employability Skills.
 - a) Questions numbers 1 to 4 are one mark questions. Attempt any three questions.
 - b) Questions numbers 5 and 6 are two marks questions. Attempt any one question.
- iv) Section B is of 12 marks and has 12 questions on Subject Specific Skills.
 - a) Questions numbers 7 to 12 are one mark questions. Attempt any four questions..
 - b) Questions numbers 13 to 18 are two marks questions. Attempt any four questions.
- v) Section C is of 08 marks and has 03 competency-based questions.
 - a) Questions numbers 19 to 21 are four marks questions. Attempt any two questions.
- vi) Do as per the instructions given in the respective sections.
- vii) 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.

(3 + 2 = 5)

- Q.1 Give any one function of an entrepreneur. (1)
- Q.2 List any two myths of entrepreneurship. (1)
- Q.3 Give any one factor causing ecological imbalance. (1)
- Q.4 In which year, were the global goals set by United Nations General Assembly for the year 2030? (1)

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

(2 x 1 = 2)

- Q.5 Explain any two qualities of an entrepreneur. (1)
- Q.6 Write any two sustainable development goals.

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

Answer any 04 questions out of the given 06 questions.

(1 x 4 = 4)

- Q.7 Name the device that converts digital signal to analog that can travel over phone lines. (1)
- Q.8 _____ key is an accessibility function which is designed for people who have physical disabilities. (1)

- Q.9 Name the network topology requires a single cable.
 Q.10 Mention any two elements of Database. (1)
 Q.11 Write any two DDL commands. (1)
 Q.12 Define Tables of a database.

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

- Q.13 Explain any two types of networks. (2)
 Q.14 Mention any four advantages of Networking. (2)
 Q.15 What is an antivirus software? Name any two antivirus software. (2)
 Q.16 What is the difference between a query and report? (2)
 Q.17 Differentiate between One-to-Many and Many-to-One relationship in DBMS. (2)
 Q.18 Identify the columns and data types of a table: Library. Mention at least four columns with data type. (2)

(SECTION-C) (2 x 4 = 8 marks)
(COMPETENCY BASED QUESTIONS)

Answer any 02 questions out of the given 03 questions

- Q.19 Somya uses Internet for her school project. She is unaware of possible online threats.
 a) Mention any 4 online threats that can harm her system.
 b) Suggest any 4 measures she should take to secure from online threat. (4)
 Q.20 Akshita has purchased some clothes from an online site. She has to make online payment for the items to complete the transaction. Help by answering her following queries.
 1. Is Net Banking a part of online transaction?
 2. Name any 2 benefits of online shopping.
 3. Name any 2 websites that allow online transactions.
 4. Name any 2 payment tools to use online transactions. (4)
 Q.21. A shopkeeper maintains a database table named item for his shop. The table contains the following data.

Table: Item

ITEMNO	INAME	PRICE	QTY
12	Pen	10	17
13	Eraser	5	15
14	Notebook	15	20

12

Write SQL commands:

- 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)

22-2-2022

Pratap Public School, Karnal

Set-B

TERM-II Practice Test-1

Class - X

Subject - Information Technology (402)

Time : ~~2~~ Hours

M.M : ~~40~~ 25

Name Roll No. Section

General Instructions:-

- i) Please read the instructions carefully.
- ii) This Question Paper is divided into 03 sections, viz., Section A, Section B and Section C.
- iii) Section A is of 05 marks and has 06 questions on Employability Skills.
 - a) Questions numbers 1 to 4 are one mark questions. Attempt any three questions.
 - b) Questions numbers 5 and 6 are two marks questions. Attempt any one question.
- iv) Section B is of 12 marks and has 12 questions on Subject Specific Skills.
 - a) Questions numbers 7 to 12 are one mark questions. Attempt any four questions..
 - b) Questions numbers 13 to 18 are two marks questions. Attempt any four questions.
- v) Section C is of 08 marks and has 03 competency-based questions.
 - a) Questions numbers 19 to 21 are four marks questions. Attempt any two questions.
- vi) Do as per the instructions given in the respective sections.
- vii) 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.

(3×1=3)

- Q.1 List any two myths of entrepreneurship. (1)
- Q.2 Give any one factor causing ecological imbalance. (1)
- Q.3 In which year, were the global goals set by United Nations General Assembly for the year 2030? (1)
- Q.4 Give any one function of an entrepreneur. (1)

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

(2 x 1 = 2)

- Q.5 Name the device that converts digital signal to analog that can travel over phone lines. (1)
- Q.6 Mention any two elements of Database. (1)

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

Answer any 04 questions out of the given 06 questions.

(1 x 4 = 4)

- Q.7 Name the network topology requires a single cable. (1)
- Q.8 Write any two DDL commands. (1)



- Q.9 Define Tables of a database. (1)
- Q.10 _____ key is an accessibility function which is designed for people who have physical disabilities. (1)
- Q.11 Explain any two qualities of an entrepreneur. (1)
- Q.12 Write any two sustainable development goals. (1)

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

- Q.13 What is the difference between a query and report? (2)
- Q.14 Differentiate between One-to-Many and Many-to-One relationship in DBMS. (2)
- Q.15 Identify the columns and data types of a table: Library. Mention at least four columns with data type. (2)
- Q.16 Mention any four advantages of Networking. (2)
- Q.17 Explain any two types of networks. (2)
- Q.18 What is an antivirus software? Name any two antivirus software. (2)

**(SECTION-C) (2 x 4 = 8 marks)
(COMPETENCY BASED QUESTIONS)**

Answer any 02 questions out of the given 03 questions

Q.19. A shopkeeper maintains a database table named item for his shop. The table contains the following data.

Table: Item

ITEMNO	INAME	PRICE	QTY
12	Pen	10	17
13	Eraser	5	15
14	Notebook	15	20

12

Write SQL commands:

- 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)
- Q.20 Somya uses Internet for her school project. She is unaware of possible online threats.
- a) Mention any 4 online threats that can harm her system.
- b) Suggest any 4 measures she should take to secure from online threat. (4)
- Q.21. Akshita has purchased some clothes from an online site. She has to make online payment for the items to complete the transaction. Help by answering her following queries.
1. Is Net Banking a part of online transaction?
 2. Name any 2 benefits of online shopping.
 3. Name any 2 websites that allow online transactions.
 4. Name any 2 payment tools to use online transactions. (4)