

SECOND PRE-BOARD EXAMINATION (2019–20)

CLASS: X

Subject: INFORMATION TECHNOLOGY (402)

Date: 21.01.2020

Time allowed: 2 Hours

Maximum Marks: 50

General Instructions:

1. This Question Paper consists of two parts viz. Part A: Employability Skills and Part B: Subject Skills.
2. **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.
3. **Part B: Subject Skills (40 Marks)**
 - i. Answer any 10 questions out of the given 12 questions of 1 mark each.
 - ii. Answer any 4 questions out of the given 6 questions of 2 marks each.
 - iii. Answer any 4 questions out of the given 6 questions of 3 marks each.
 - iv. Answer any 2 questions out of the given 4 questions of 5 marks each.
4. **This question paper contains 39 questions out of which 27 questions are to be answered.**
5. All questions of a particular part/section must be attempted in the correct order.
6. Please check this question paper contains 4 printed pages only.

PART A: EMPLOYABILITY SKILLS (10 MARKS)

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

1. _____ is generated by uncomfortable feeling of things / situations in the surroundings. (1)
2. _____ includes recognition of our own personality, our strengths and weaknesses, our likes and dislikes. (1)
3. _____ is an expression which calculates the value of a cell. (1)
4. _____ is a group of words which gives complete meaning of the idea that the sender of the message wants to communicate. (1)
5. UN Sustainable Development Summit (2015) set up development goals called as _____. (1)

6. “An entrepreneur has to get the work done through others”. (1)
Which characteristic of the entrepreneur does this statement depicts? _____

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

7. Explain Communication Cycle briefly. (2)
8. Explain any two kinds of phrase? Give one example for each. (2)
9. Do you think entrepreneur is a leader? Discuss. (2)
10. What is stress? List four factors that causes stress in the modern times. (2)
11. Explain the long-term solutions related to sustainable development. (2)

PART B: SUBJECT SKILLS (40 MARKS)

Answer any 10 questions out of the given 12 questions:

12. _____ is designed to assist people who have difficulty using a keyboard or a mouse. (1)
13. The High Contrast option in Microsoft Windows XP is designed to assist people with _____ impairments. (1)
14. Write the purpose of a blog. (1)
15. After we have inserted a picture, we can wrap the text by using the _____ option. (1)
16. Freeze Panes option is available under Window group in _____ tab. (1)
17. _____ option is available in the Media Clips group under the Insert tab. (1)
18. _____ are used to represent the statistical data meaningfully in a presentation. (1)
19. _____ are guided text used by the presenter during a presentation. (1)
(a) Chart
(b) Speaker Notes
(c) Illustrations
20. A _____ helps to collect specific information from a pool of data in the database. (1)
(a) Insert
(b) Delete

(c) Query

21. Which of the following is not a DBMS software? (1)
(a) Oracle
(b) SQL
(c) Writer
(d) MS-Access
22. A _____ is an appointment to which we invite people or reserve resources. (1)
23. Write the steps to view a task? (1)

Answer any 4 questions out of the given 6 questions of 2 marks each:

24. List any four conditions / formats / items that can be used for conditional formatting. (2)
25. How do we insert a column-break in MS-Word? (2)
26. Mention any four disabilities that affect computer usage. (2)
27. List any four datatypes available in Numeric datatype? (2)
28. What is the Navigation Pane and Record Search Box in MS-Access interface? (2)
29. Write the steps to customize a note. (2)

Answer any 4 questions out of the given 6 questions of 3 marks each:

30. Write steps to apply shadow effects to a text in MS-Word. (3)
31. How will we hide and display the gridlines while printing a page in spreadsheet? (3)
32. How do we group objects up into one object in MS-Powerpoint? (3)
33. Write a short note on the Internet. (3)
34. Differentiate between DBMS and RDBMS. (3)
35. Describe any three views of the calendar. (3)

Answer any 2 questions out of the given 4 questions of 5 marks each:

36. Explain any five advantages of network. (5)
37. Describe the various types of charts in spreadsheet. (5)

38. What is a Report? Write the steps to generate a report for a database. (5)
39. (a) Write a SQL command to create a table with the following structure: (2+3)

Table: Customer

Field	Datatype
Cust_No.	Integer(6)
Cust_Name	Varchar(20)
Cust_Address	Varchar(20)
Price	Integer(8)

- (b) Consider the following table and write the SQL command based on it:

Table: Teacher

TCode	TName	TSubject	Address	Salary
101	Rohit	Physics	Pune	12234
102	Anil	Physics	Delhi	14356
103	Rakesh Goel	Chemistry	Lucknow	15657
104	Amit Mishra	English	Goa	13445
105	Sajjan Singh	Biology	Kanpur	12500

- (i) To display the TName, TSubject and Address whose salary is less than 13000.
- (ii) To insert a new row in the Teacher table with the following data:
106, "Rakesh Mathur", "Hindi", "Doha", 13456.
- (iii) To update the address of the Teacher table where TCode is 104 to Mumbai.