

Class X
Information Technology (402)
Preboard 2 (Jan'23) – Solved Paper

SECTION A – OBJECTIVE TYPE QUESTIONS

Q1. Answer any 4 out of the given 6 questions on Employability Skills (1 x 4 = 4 marks)

- (i). c. multi-user
- (ii). a. Basic Input/Output System
- (iii). a. Self-Awareness
- (iv). d. Discourages welfare of the society
- (v). b. Physical Exercise
- (vi). a. Capital

Q2. Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)

- (i). d. Cell Reference
- (ii). a. Sticky
- (iii). b. Keep ratio
- (iv). b. Columns, Rows
- (v). a. True
- (vi). d. All of the above

Q3. Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)

- (i). d. Length
- (ii). a. Cell Style
- (iii). c. B2:F15
- (iv). a. Tile
- (v). a. True
- (vi). a. keyboard

Q4 Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)

- (i). d. both a and b
- (ii). d. 50
- (iii). b. Internet
- (iv). a. Mail Merge
- (v). b. Emotional
- (vi). b. Anchoring

Q5 Answers (Any 5) out of the given 6 questions (1 x 5 = 5 marks):

- (i). c. Bharat Sanchar Nigam Limited
- (ii). a. Flat File
- (iii). d. P2P
- (iv). b. Style
- (v). b. Back-ends
- (vi). a. Arrangement

SECTION B – SUBJECTIVE TYPE QUESTIONS

Employability Skills (Answer any 3)

Answer any 3 out of the given 5 questions on Employability Skills (2 x 3 = 6 marks) Answer each question in 20 – 30 words

Q6. Disk Defragmentation is a process that reduces the amount of fragmentation in file systems. It reorganizes the data stored so that related data is physically closer, improving access speed.

Q7. Two Myths about Entrepreneurship:

- Entrepreneurs are born, not made.
- You need a lot of money to start a business.

Q8. A shortcut menu is a pop-up menu that appears on right-clicking. It provides quick access to commonly used options related to the selected item.

Q9. Independent workers prefer working on their own with minimal supervision. They are self-motivated and responsible.

Q10. Four roles of Entrepreneurs:

- Innovator
- Risk Taker
- Job Creator
- Decision Maker

Answer any 4 out of the given 6 questions in 20 – 30 words each (2 x 4 = 8 marks)

Q11. Default value in a database is the value that a field will contain if no value is entered by the user.

Q12. Filter keys ignore brief or repeated keystrokes; Toggle keys are used to alert when Caps Lock, Num Lock or Scroll Lock is pressed.

Q13. Multiple sheets allow users to organize and manage large datasets efficiently across separate tabs in a single workbook.

Q14. A hazard is a potential source of harm. Examples: slippery floors, electrical wires, and fire hazards.

Q15. Yes, heading hierarchy affects the Table of Contents (TOC) generation as TOC is based on the heading levels.

Q16. Grouping objects helps in moving, resizing, and formatting multiple objects together as one unit.

Answer any 3 out of the given 5 questions in 50– 80 words each (4 x 3 = 12 marks)

Q17.

- a. =SUM(C4:C7)
- b. Sort feature with 'Descending' order on Price column
- c. =MAX(D4:D7)
- d. =AVERAGE(C4:C7)
- e. =SUM(E4:E7)

Q18. Styles in word processors are predefined formatting instructions. Advantages: maintain consistency, quick formatting, and easier editing.

Q19.

SQL: CREATE TABLE BOOK (BOOK_ID CHAR(4) PRIMARY KEY, Bname VARCHAR(15), Author VARCHAR(20), Price DECIMAL);

- a. BOOK_ID is the Primary Key because it uniquely identifies each book.
- b. CHAR has a fixed length while VARCHAR has a variable length.

Q20.

- a. INSERT INTO Fabric VALUES('F005', 'Kurta', 'Woollen', 5);
- b. SELECT * FROM Fabric WHERE Disc > 10;
- c. SELECT * FROM Fabric WHERE Type = 'Woollen';
- d. UPDATE Fabric SET Disc = Disc + 10 WHERE Item = 'Shirt';
- e. DELETE FROM Fabric WHERE Code = 'F003';

Q21.

- a. ISP is a company that provides internet access to users.
- b. i. WAP - Wireless Application Protocol
ii. W3 - World Wide Web
- c. Two advantages of networking: resource sharing, faster communication
- d. A blog is an online journal. Examples: WordPress, Blogger