

CBSE | DEPARTMENT OF SKILL EDUCATION

Information Technology (SUBJECT CODE - 402)

Blue-print for Sample Question Paper for Class X (Session 2023-2024)

Max. Time: 2 Hours

Max. Marks: 50

PART A - EMPLOYABILITY SKILLS (10 MARKS):

UNIT NO.	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANSWER TYPE QUESTIONS	TOTAL QUESTIONS
		1 MARK EACH	2 MARKS EACH	
1	Communication Skills - II	1	1	2
2	Self-Management Skills - II	2	1	3
3	ICT Skills - II	1	1	2
4	Entrepreneurial Skills - II	1	1	2
5	Green Skills - II	1	1	2
TOTAL QUESTIONS		6	5	11
NO. OF QUESTIONS TO BE ANSWERED		Any 4	Any 3	07
TOTAL MARKS		1 x 4 = 4	2 x 3 = 6	10 MARKS

PART B - SUBJECT SPECIFIC SKILLS (40 MARKS):

UNIT NO.	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANSWER TYPE QUESTIONS	DESCRIPTIVE/ LONG ANS. TYPE QUESTIONS	TOTAL QUESTIONS
		1 MARK EACH	2 MARKS EACH	4 MARKS EACH	
1	Digital Documentation (Advance)	6	1	1	8
2	Electronic Spreadsheet (Advance)	6	2	1	9
3	Database Management System	6	1	2	9
4	Web Applications and Security	6	2	1	9
TOTAL QUESTIONS		24	6	5	35
NO. OF QUESTIONS TO BE ANSWERED		20	Any 4	Any 3	27
TOTAL MARKS		1 x 20 = 20	2 x 4 = 8	4 x 3 = 12	40 MARKS

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Sample Question Paper for Class X (Session 2023-2024)

Max. Time: 2 Hours

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General Instructions:

1. Please read the instructions carefully.
2. This Question Paper consists of **21 questions** in two sections: Section A & Section B.
3. Section A has Objective type questions whereas Section B contains Subjective type questions.
4. **Out of the given (5 + 16 =) 21 questions, a candidate has to answer (5 + 10 =) 15 questions in the allotted (maximum) time of 2 hours.**
5. All questions of a particular section must be attempted in the correct order.
6. **SECTION A - OBJECTIVE TYPE QUESTIONS (24 MARKS):**
 - i. This section has 05 questions.
 - ii. Marks allotted are mentioned against each question/part.
 - iii. There is no negative marking.
 - iv. Do as per the instructions given.
7. **SECTION B – SUBJECTIVE TYPE QUESTIONS (26 MARKS):**
 - i. This section has 16 questions.
 - ii. A candidate has to do 10 questions.
 - iii. Do as per the instructions given.
 - iv. Marks allotted are mentioned against each question/part.

iv.	A _____ is a collection of records that store data in Mail merge. a. Data Source b. Main Document c. Document d. Merge Field	1
v.	To increase the contrast of an image, _____ option is used in a document. a. Smooth b. Sharpen c. Aging d. mosaic	1
vi.	_____ provide Internet access by transmitting digital data over wires of a local telephone network. a) ISP b) DSL c) Dial-up connection d) Modem	1

Q. 3	Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)	
i.	_____ is specifically designed to minimize the results according to a set of rules that we define in a spreadsheet. a. Goal Seek b. Scenario c. solver d. Subtotal	1
ii.	Sahil and his partners have created a list of their company employees in one of the spreadsheets in the office. Now the rest of the task they want to complete from home. Which option should they use to access the same Spreadsheet from home? a. Consolidate Worksheet b. Link Worksheet c. Merge Worksheet d. Lock Worksheet	1
iii.	_____ can help to clarify the relation between cells while using "Multiple Operations". a. Detective b. Solver c. Navigation d. Hyperlink	1
iv.	Identify the part of a Spreadsheet using which a user can manage multiple sheets. a. Status Bar b. Sheet Tab c. Formula Bar d. Worksheet Area	1
v.	Spreadsheet software can find the changes by _____ sheets. a. Changing b. Comparing c. Renaming d. Editing	1
vi.	At the bottom of each worksheet, left tab indicates the _____ of the worksheet in a workbook. a. Size b. 3 Type c. Name d. Color	1

Q. 4	Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)	
i.	It enables users to view, enter, and change data directly in database objects. a. Report b. Query c. Form d. Database	1
ii.	There are _____ types of Relationships in a table of a database. a. One b. 3 c. 4 d. Many	1
iii.	A Relational database uses _____ commands which is a standard user application that provides an easy programming interface for database interaction. a. Access b. Python c. SQL d. Protocol	1

iv.	Suraj wants to create a database for his clients. For this purpose, she needs to store the Email IDs of his clients. Which datatype should he use to accomplish this purpose? a. Numeric b. Varchar c. Binary d. Boolean	1
v.	Geet has written a SQL query in SQL view. But he doesn't know how to execute the query using keyboard keys. Suggest him the shortcut key to complete the task. a. Enter b. Ctrl + E c. Space bar d. F5	1
vi.	A table can have only _____ primary key in a database. a. 1 b. 2 c. 3 d. Many	1

Q. 5	Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)	
i.	_____ key is an accessibility feature that assists people having difficulty in using keyboard and mouse. a. Guide b. Sticky c. Serial d. Home	1
ii.	Anaisha is a wildlife photographer. She wants to create her website where she can update the pictures and discuss about different events, reviews, announcements, news etc. Suggest her a suitable option to complete the task. a. Blog b. E-Mail c. Instant Messaging d. Mail Merge	1
iii.	Which of the following is not a web browser? a. Safari b. Internet Explorer c. Google d. Firefox	1
iv.	Which out of the following is the best example of a strong password? a. 9412356789 b. 14Hd{]\$_Sb10 c. HarryPotterSeries d. 14Oct2004	1
v.	Bharat has set up his company with 20 computers in a building. He wants to connect all the computers together. Which type of Network will be the best suitable for this purpose? a. LAN b. WAN c. PAN d. MAN	1
vi.	IP stands for _____ . a. International Protocol b. Internet Protocol c. Intranet Protocol d. Interpersonal Protocol	1

SECTION B: SUBJECTIVE TYPE QUESTIONS

Answer any 3 out of the given 5 questions on Employability Skills (2 x 3 = 6 marks)

Answer each question in 20 – 30 words.

Q. 6	What are the learning objectives of communication? –	2
Q. 7	Why do we say that an entrepreneur should be open-minded?	2
Q. 8	How is self-regulation connected to the ability to work independently?	2

Q. 9	How we can prevent computer against attack by viruses.	2
Q. 10	“Green economy promotes sustainable development”. Justify the statement.	2

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

Q. 11	What do you understand by Anchoring in Word Processor?	2
Q. 12	What do you mean by Sorting in a Spreadsheet?	2
Q. 13	State any four etiquettes to be followed while chatting on the internet.	2
Q. 14	How is Goal Seek different from Solver in a Spreadsheet?	2
Q. 15	Differentiate between a Primary key and Foreign key.	2
Q. 16	What is the importance of healthy lifestyle? Give any four points related to it.	2

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

Q. 17	What do you understand by the term Table of Contents? List the characteristics of a good ‘Table of content’ in a word processor.	4																				
Q. 18	Explain the term ‘Scenarios’ in relation to the Spreadsheets with example.	4																				
Q. 19	Explain different kinds of online threats.	4																				
Q. 20	Explain the term “Referential Integrity”. Why is it important in a database?	4																				
Q. 21	<p>Consider the following Vendor table and write the queries for the following:</p> <p>Table Datesheet</p> <table border="1"> <thead> <tr> <th>Sub_code</th> <th>Sub_Name</th> <th>DateofExam</th> <th>Days</th> </tr> </thead> <tbody> <tr> <td>E001</td> <td>English</td> <td>11-03-2021</td> <td>Monday</td> </tr> <tr> <td>H002</td> <td>Hindi</td> <td>15-03-2021</td> <td>Friday</td> </tr> <tr> <td>S003</td> <td>Social Sci.</td> <td>18-03-2021</td> <td>Monday</td> </tr> <tr> <td>S004</td> <td>Science</td> <td>21-03-2021</td> <td>Thursday</td> </tr> </tbody> </table> <p>i. Write a SQL command to display the records in ascending order by date of exam. ii. Write a query to display the above date sheet. iii. Write a query to display the subject name and date of the exam held on ‘Monday’ iv. Write a SQL command to display the date of exam and Sub_Name of Science subject.</p> <p>For visually impaired candidates.</p> <p>Write a short note on the following:</p> <p>i) DBMS ii) Database Server iii)Data Integrity iv)Record</p>	Sub_code	Sub_Name	DateofExam	Days	E001	English	11-03-2021	Monday	H002	Hindi	15-03-2021	Friday	S003	Social Sci.	18-03-2021	Monday	S004	Science	21-03-2021	Thursday	4
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