CBSE | DEPARTMENT OF SKILL EDUCATION

Information Technology (SUBJECT CODE -802)

Blue-print for Sample Question Paper for Class XI (Session 2024-2025)

Max. Time: 3 Hours   **Max. Marks: 60**

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	Unit 1 : Communication Skills- III	1	1	2
2	Unit 2 : Self-Management Skills- III	2	1	3
3	Unit 3 : ICT Skills- III	1	1	2
4	Unit 4 : Entrepreneurial Skills- III	1	1	2
5	Unit 5 : Green Skills- III	1	1	2
	TOTAL QUESTIONS	**6**	**5**	**11**
	NO. OF QUESTIONS TO BE ANSWERED	**ANY 4**	**ANY 3**	**07**
	TOTAL MARKS	**1X4=4**	**2X3=6**	**10 MARKS**

PART B - SUBJECT SPECIFIC SKILLS (50 MARKS):

UNIT NO.	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANS. TYPE QUES.-I	SHORT ANS. TYPE QUES.-II	DESCRIPTIVE/ LONG ANS. TYPE QUESTIONS	TOTAL QUESTIONS
		1 MARK EACH	2 MARKS EACH	3 MARKS EACH	4 MARKS EACH	
1	Unit -1 : Computer Organization	7	1	0	0	8
2	Unit -2 : Networking and Internet	7	1	0	1	8
3	Unit-3: Office Automation Tools	6	1	1	1	9
4	Unit-4: RDBMS	6	1	1	1	10
5	Unit-5: Fundamentals of Java	6	1	1	2	10
	TOTAL QUESTIONS	32	5	3	5	45
	NO. OF QUESTIONS TO BE ANSWERED	**26**	**Any 3**	**Any 2**	**Any 3**	**34**
	TOTAL MARKS	**1x26=26**	**2x3=6**	**3x2=6**	**4x3=12**	**50 MARKS**

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INFORMATION TECHNOLOGY (SUBJECT CODE -802)

Sample Question Paper for Class XI (Session 2024-2025)

Max. Time: 3 Hours   **Max. Marks: 60**

General Instructions:

1. Please read the instructions carefully.

2. This Question Paper consists of **24 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 (6 + 18 =) 24 questions, a candidate has to answer (6 + 11 =) 17 questions in the allotted (maximum) time of 3 hours.**

5. All questions of a particular section must be attempted in the correct order.

6. **SECTION A - OBJECTIVE TYPE QUESTIONS (30 MARKS):**

    i. This section has 06 questions.

    ii. There is no negative marking.

    iii. Do as per the instructions given.

    iv. Marks allotted are mentioned against each question/part.

7. **SECTION B – SUBJECTIVE TYPE QUESTIONS (30 MARKS):**

    i. This section contains 18 questions.

    ii. A candidate has to do 11 questions.

    iii. Do as per the instructions given.

    iv. Marks allotted are mentioned against each question/part.

SECTION A: OBJECTIVE TYPE QUESTIONS

Q1.	**Answer any 4 out of the given 6 questions on Employability Skills (1 x 4 = 4 marks)**	
i	Reading and listening to someone are examples of _____ information.	1
ii	Do you think people living in hill stations can skip taking bath for many days? (a) No, irrespective of the climate, one should take a bath regularly. (b) Not taking bath for many days is acceptable for people staying in cold climate. (c) If you wipe yourself with a wet cloth, that is enough.	1
iii	Networking helps you to make dependable and trusted friends with whom you can: (a) share expertise and skills (b) seek and provide support in difficult times (c) inform and be informed about new opportunities (d) All of the above	1
iv	Which shortcut key is used to create a new document? (a) Ctrl+ c (b) Ctrl + n (c) Ctrl + m (d) Ctrl + d	1
v	State true or false: Independence means one's ability to work alone and have the confidence to make one's own decisions.	1
vi	Who is responsible for the success of green economy in the country? (a) Government (b) Social Workers (c) Individual citizens (d) All of the above	1
Q2.	**Answer any 5 out of the given 7 questions (1 x 5 = 5 marks)**	
i	_____ are the physical components of a computer like a motherboard, memory devices, monitor, keyboard etc.	1
ii	It is a non-volatile primary memory. (a) ROM (b) RAM (c) BOTH (a) & (b) (d) None of the above	1
iii	All the data stored in c drive of a computer is basically stored in _____. (a) Pen drive (b) Hard Disk (c) CD (d) Both (a) & (c)	1
iv	1024 bytes = _____ Kilobyte (KB) 1024 KB = _____ Megabyte (MB) (a) 2, 2 (b) 1,1 (c) 0,0 (d) 3,3	1
v	If the keyboard is not responding, try the following: (a) Check Connections (b) Check for any Damage (c) Change Batteries (d) All of the above	1

vi	_____are the special programs that help computer systems to work more smoothly, efficiently and effectively.	1
vii	Which of the following is not the features of computer. (a) Speed (b) Accuracy (c) Command (d) memory	1
Q3.	**Answer any 6 out of the given 7 questions (1 x 6 = 6 marks)**	
i	The full form of ARPANET is: (a) Advanced Research Projects Agency NET (b) Advanced Research Power Agency NET (c) Advanced Research Projects Agent NET (d) Advanced Research Power Agency NET	1
ii	The term _____ refers to malicious software (programs) designed with the intention to affect the normal functionality by causing harm to the system, or with the intention of getting unauthorized access to the system or denying access to legitimate users of computing resources. (a) Virus (b) Malware (c) Worm (d) Trojan Horse	1
iii	_____ refers to raising knowledge and awareness about technology such as desktop computers, smartphones, tablets, and other electronic gadgets.	1
iv	All the devices are connected to the central controller called hub. (a) Star topology (b) Ring topology (c) Mesh topology (d) Tree topology	1
v	A _____ is used to restore the input signal to its original form, so that it can travel a larger distance. It is also known as a digital regenerator.	1
vi	The act of secretly or stealthily listening to the private conversation or communications of others without their consent. (a) Denial of service (b) Phishing (c) Eavesdropping	1
vii	Harassment or bullying inflicted through the use of electronic or communication devices such as computer, mobile phone, laptop, etc. (a) Cyber bullying (b) Cyber stalking (c) Identity theft (d) Ransomware	1
Q4.	**Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)**	
i	Rearrange the steps: To sort data in ascending order. Step 1: Select the cells you want to sort. Step 2: You can change the select the column based on which you want to sort the data. Also, you can select the Ascending or Descending option. Step 3: Click on OK. Step 4: Click on the Sort option in the Data menu which opens a dialog box (a) 1,2,3,4 (b) 1,3,4,2 (c) 1,4,2,3 (d) 1,2,4,3	1
ii	The type of filter that can be applied (a) Auto Filter	1

	(b) Standard Filter		
	(c) Advance Filter		
	(d) All of the above		
Iii	A macro is a recording of each and every command and action you perform to :	1
	(a) Process a task		
	(b) Complete a task		
	(c) Save a task		
	(d) None of the above		
iv	Calc has a set of _____ called functions.	1
	(a) Formulas		
	(b) Predefined formulas		
	(c) Absolute reference		
	(d) Absolute address		
v	_____is the main editing view for creating slides.	1
	(a) Slide sorter		
	(b) Normal view		
	(c) Slide master		
	(d) Slide view		
vi	State true or false: Windows tab consists of commands that work on a window, like, open and close a window.	1
Q5.	**Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)**	
i	DBMS allow us to:	1
	(a) store data in a structured way.		
	(b) query the database (that is, ask questions about the data)		
	(c) sort and manipulate the data in the database		
	(d) All of the above		
ii	Which of the following is not the benefit of using a DBMS are:	1
	a. Redundancy can be controlled		
	b. Inconsistence can be avoided		
	c. Data cannot be shared		
	d. Security restrictions can be applied.		
iii	State True or False: A key of a table which is not selected as the primary key is called its candidate key	1
iv	_____ constraint make sure that duplicate values in the specified column are not accepted.	1
v	The _____ statement can be used to see the structure of a table as indicated in the Create Statement.	1
vi	State true or false : AND Operator is used with where clause and returns true if both the conditions are true.	1
Q6.	**Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)**	
i	GUI stands for?	1
ii	_____act as a background for other controls.	1
iii	_____ Sets the text to be displayed in the Title bar of the form window.	1
iv	State true or false : Object Oriented Programming follows top to bottom approach in program design and emphasizes on safety and security of data.	1
v	The characteristics of a variable are:	1
	(a) It has a name.		
	(b) It is capable of storing values.		
	(c) It provides temporary storage.		
	(d) All of the above		
vi	State true or false : Variable names are case sensitive.	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.

Q7.	Write the advantages and disadvantages of Verbal Communication.	2
Q8.	Why Personal Hygiene is important? Explain.	2
Q9.	What is the advantage of using a header or a footer in a word processor document?	2
Q10.	Mention the Aspects to Keep in Mind While Understanding Customer Needs.	2
Q11.	What is the role of the Government for the success of green economy in the country?	2

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

Q12.	Differentiated between Hardware and software.	2
Q13.	Name the generic/Country-Specific Domain Names. 1. ·com 2. ·edu 3. ·au 4. .nz	2
Q14.	Mention the steps to wrap text in a spreadsheet.	2
Q15.	List the steps for inserting a hyperlink to a video in a presentation.	2
Q16.	Differentiate between ComboBox and ListBox	2

Answer any 2 out of the given 3 questions in 30– 50 words each (3 x 2 = 6 marks)

Q17.	Differentiate between Slide Show Settings, Custom Animation & slide transition options.	3
Q18.	List any three features of MySQL.	3
Q19.	What is a button group? Which control is generally used with a buttongroup.	3

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

Q20.	What is the purpose of the following views – a. Slide Sorter b. Slide Show c. Notes Page d. Handout Page	4
Q21.	Mention any four Protective Measures while accessing Internet.	4
Q22.	State the difference between the Primary Key, Candidate Key, Alternate Key and Foreign Key.	4

Q23.	Consider the following table named "GYM" with details about Fitness products being sold in the store. Table Name : GYM PrCode stores Codes of Products PrName stores names of Products (UnitPrice is in Rs.)	4

PrCode	PrName	UnitPrice	Manufacturer
P101	Cross Trainer	25000	Avon Fitness
P102	TreadMill	32000	AG Fitline
P103	Massage Chair	20000	Fit Express
P104	Vibration Trainer	22000	Avon Fitness
P105	Bike	13000	Fit Express

Write SQL statements to do the following:
a) Display the names of all the products in the store.
b) Display the names and unit price of all the products in the store
c) Display names of all products by the manufacturer "Fit Express"
d) Display all rows sorted in descending order of unit price.

Q24.	Write the steps to Create a new Form.	4