

**BUDHA DAL PUBLIC SCHOOL , PATIALA**  
**TERM-II EXAM (CLASS – X)** **Set-A**  
**INFORMATION TECHNOLOGY (SUBJECT CODE-402)**

**Max. Time:** 2 Hours

**Max. Marks:** 50

**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 where as 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 (24MARKS):**
  - i. This section has 05 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 (26MARKS):**
  - i. This section contains 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.

**SECTION A: OBJECTIVE TYPE QUESTIONS**

<b>Q.1</b>	<b>Answer any 4 out of the given 6 questions on Employability Skills (4 x1=4 marks)</b>	
i.	<b>Entrepreneurs need to coordinate and manage work teams</b> a. Attitude                      b. Leadership                      c. Approachable                      d. Networking	1
ii.	<b>Which of the following is not the function of entrepreneur?</b> a. Risk taking                      b. Innovation                      c. Management of resources                      d. Makes own laws	1
iii.	<b>What is the primary goal of an entrepreneur?</b> a. Pursuing social change                      b. Transforming society c. Making profits                      d. Reducing unemployment	1
iv.	<b>What is the overarching responsibility of an entrepreneur in their role?</b> a. Minimizing risk at all costs                      b. Focusing solely on financial planning c. Inspiring and guiding their teams                      d. Ignoring the impact of their actions	1
v.	<b>What does the career process of an entrepreneur involve?</b> a. Four key stages                      b. One primary stage                      c. Three key points                      d. Two primary points	1
vi.	<b>What quality refers to an entrepreneur's ability to persevere in the face of challenges and setbacks?</b> a. Creativity                      b. Resilience                      c. Risk-taking                      d. Vision	1
<b>Q.2</b>	<b>Answer any 5 out of the given 6 questions (5x 1= 5 marks)</b>	
i.	1. What is one of the key issues related to sustainable development mentioned in the content? a. Access to clean water                      b. Access to luxury goods c. Access to high-speed internet                      d. Access to sports facilities	1
ii.	<b>What was the primary goal of the Ministry of Railways'initiative to use kulhads (clay cups) at railway stations?</b> a. To increase the use of single-use plastic cups b. To promote traditional and environment friendly options c. To encourage the use of paper cups d. To reduce the use of kulhads	1
iii.	<b>How can individuals contribute to reducing inequalities and promoting inclusivity as part of sustainable development?</b> a. Encouraging discrimination based on background	1

	b. Avoiding helping others in need c. Actively including and assisting everyone, regardless of their background d. Excluding others from community activities	
iv.	<b>How can pollution impact sustainable development?</b> a. It enhances local ecosystems b. It has no effect on public health c. It harms local ecosystems and public health d. It leads to more economic opportunities	1
v.	<b>What is one of the negative impacts of unsustainable farming practices?</b> a. Increased soil fertility b. Enhanced local ecosystems c. Depletion of soil fertility d. Lower crop yields	1
vi.	<b>What are some impactful ways mentioned in the content to contribute to a more sustainable and equitable world?</b> a. Ignoring sustainability issues b. Using single-use plastic products c. Volunteering, donating, and investing sustainably d. Promoting unsustainable practices	1
<b>Q.3</b>	<b>Answer any 5 out of the given 6 questions(5x 1= 5 marks)</b>	
i.	<b>In how many ways can you set a Primary key?</b> a. One b. Two c. Three d. Four	1
ii.	<b>The Form always opens in the mode.</b> a. Layout View b. Design View c. Report View d. Form View	1
iii.	<b>Which one of these displays the results of an expression instead of the data from your table?</b> a. Calculated field b. Query field c. Either a. or b. d. None of these	1
iv.	<b>What method can you use to add a new table to your database?</b> a. Use Design View to create a table b. Enter data directly by using a datasheet c. Both a. and b. d. None of these	1
v.	To extract some data from multiple tables, you can use a _____ a. filter b. sort c. query d. none of these	1
vi.	_____ table command is used to add, delete or modify field of an existing table. a. ORDER b. WHERE c. ALTER d. SELECT	1
<b>Q.4</b>	<b>Answer any 5 out of the given 6 questions. (5x 1= 5 marks)</b>	
i.	It is a database object to view, change, and analyse data in different ways. a. Query b. Form c. Report d. None of these	1
ii.	A is the smallest element of a database. a. Field b. Record c. Data d. Key	1
iii.	To open a form, double click on its name in the pane. a. Forms b. View c. Navigation d. Status bar	1
iv.	A report can be formatted in the View. a. Design b. Layout c. Both of these d. None of these	1
v.	<b>What is the primary cause of slips and falls in the workplace?</b> a) Poor lighting b) Uneven floors c) Wet or greasy floors d) Broken furniture	1
vi.	<b>Which of the following is a key aspect of information technology safety in the workplace?</b> a) Ensuring data encryption b) Providing ergonomic keyboards c) Regular software updates d) All of the above	1
<b>Q.5</b>	<b>Answer any 5 out of the given 6 questions (1x 5= 5 marks)</b>	
i.	<b>What is the first step in the event of an electrical shock in the workplace?</b> a) Call for help b) Remove the source of electricity c) Begin CPR d) Use a fire extinguisher	1
ii.	<b>What are common hazards at the workplace?</b> a) Chemicals, equipment, machinery b) Office supplies c) Coffee machines d) Decorative items	1
iii.	<b>In fire safety, what does the acronym RACE stand for?</b> a) Run, Alert, Close, Evacuate b) Rescue, Alarm, Confine, Extinguish c) Report, Act, Control, Exit d) Rescue, Assist, Control, Exit	1
iv.	<b>What is the most common type of workplace accident?</b> a) Slips and falls b) Equipment malfunction c) Poisoning d) Burns	1

v.	<b>Which of the following is a primary cause of heading accidents?</b> a) Heavy machinery c) Tripping hazards	b) Inadequate head protection d) Lack of proper lighting	1																														
vi.	<b>Which of the following promotes healthy living in the workplace?</b> a) Longer working hours c) No social interaction	b) Regular breaks d) High-stress environment	1																														
	<b>SECTION B: SUBJECTIVE TYPE QUESTIONS</b>																																
	<b>Answer any 3 out of the given 5 questions on Employability Skills (3 x2=6 marks) Answer each question in 20– 30 words.</b>																																
Q.6	Explain any two Myths about Entrepreneurship.		2																														
Q.7	How is entrepreneurship important in creating jobs?		2																														
Q.8	<b>Explain Innovation as the characteristic of an Entrepreneur.</b>		2																														
Q.9	How do entrepreneurs help in creating more entrepreneurs?		2																														
Q.10	Describe the risks and challenges commonly faced by entrepreneurs.		2																														
	<b>Answer any 4 out of the given 6 questions in20 –30 words each (4 x2=8marks)</b>																																
Q.11	<b>What do you mean by the term ‘RECYCLE’?”</b>		2																														
Q.12	<b>Green economy promotes Sustainable development”. Justify the statement.</b>		2																														
Q.13	<b>Enlist any two major causes of air pollution.</b>		2																														
Q.14	List and explain two common safety hazards in a workplace.		2																														
Q.15	Why should individuals avoid sharing sensitive information via email, messages or phone calls?		2																														
Q.16	How does first aid help in preserving life until medical help arrives?		2																														
	<b>Answer any 3 out of the given 5 questions in 50–80 words each (3x 4=12 marks)</b>																																
Q.17	Explain the following SQL Commands :- (i) DML (ii) DDL		4																														
Q.18	How are fields, records, and a table related to each other? Explain with the help of an example.		4																														
Q.19	What is Referential Integrity? Explain its two(any) purposes.		4																														
Q.20	<b>Write SQL commands for the questions from (i) to (v) on the basis of table MASTER (contains details of employees)</b> <table><tr><th>Sno</th><th>Name</th><th>Age</th><th>Department</th><th>Salary</th></tr><tr><td>1</td><td>Shyam</td><td>21</td><td>Computer</td><td>35000</td></tr><tr><td>2</td><td>Shiv</td><td>25</td><td>Maths</td><td>15000</td></tr><tr><td>3</td><td>Rakesh</td><td>31</td><td>Hindi</td><td>14000</td></tr><tr><td>4</td><td>Sharmila</td><td>32</td><td>History</td><td>20000</td></tr><tr><td>5</td><td>Dushyant</td><td>25</td><td>Software</td><td>30000</td></tr></table> (i) Write a command to update the salary of the employee to 40000, whose SNo is 3. (ii) Write a query to add a column Date_of_ Joining to the table MASTER. (iii) Select Age, Department of those employees whose salary is greater than 12000. (iv) List all data of table MASTER.		Sno	Name	Age	Department	Salary	1	Shyam	21	Computer	35000	2	Shiv	25	Maths	15000	3	Rakesh	31	Hindi	14000	4	Sharmila	32	History	20000	5	Dushyant	25	Software	30000	4
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Q.21	<b>Why is it important to balance work with personal and family life?</b>		4																														