

# BUDHA DAL PUBLIC SCHOOL , PATIALA

TERM-II EXAM (CLASS – X)

Set- B

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>From the following statements, which one is not correct about the Qualities of an entrepreneur</b> a. Successful entrepreneurs adapt the habit of hard work from a very early stage. b. Entrepreneur should not think optimistically about the future of the business. c. Confident entrepreneur must not deviate from his/her decisions too early in case success is delayed. d. Entrepreneurs like to function at their own will and rules	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 role of an entrepreneur in addressing challenges?</b> a. Avoiding challenges whenever possible      b. Seeking immediate solutions c. Finding solutions to keep the business on track      d. Ignoring challenges and obstacles	1
iv.	<b>How can the relationship between entrepreneurship and society be described?</b> a. One-sided, benefiting only entrepreneurs      b. Symbiotic, benefiting both society and entrepreneurs c. Detrimental, causing harm to society      d. Isolated, with no connection to society	1
v.	<b>What is a key aspect of the "Survive" phase in the entrepreneurial career process?</b> a. Identifying opportunities      b. Adapting to market changes c. Exiting the business      d. Engaging in long-term planning	1
vi.	<b>What quality is associated with an entrepreneur's capability to take calculated risks for business success?</b> a. Proactiveness      b. Risk Aversion      c. Risk Tolerance      d. Adaptability	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>In the context of affordable and clean energy, what is one action individuals can take to contribute to sustainable development?</b> a. Promoting the use of coal for electricity generation b. Using biogas as a primary source of energy c. Promoting and using solar power for energy d. Ignoring energy-efficient appliances	1
iii.	<b>What steps can individuals take to create sustainable cities and communities, as mentioned in the content?</b> a. Promoting the use of non-renewable energy sources b. Using energy-efficient appliances without turning off lights and fans c. Saving energy by turning off lights and fans when not in use d. Avoiding the use of LED bulbs and appliances	1
iv.	<b>What does the term "social disparities" in the context of sustainable development refer to?</b> a. Equal opportunities for all individuals. b. Discrimination and social inequalities based on factors such as gender, race, and ethnicity. c. Universal access to education. d. Political stability.	1
v.	<b>Which of the following is NOT mentioned as a vital step in sustainable development in the content?</b> a. Recycling and composting b. Supporting sustainable products c. Increasing resource consumption d. Making energy-efficient choices	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>Which one of these displays the fields of a single record at a time?</b> a. Form                      b. Table                      c. Query                      d. None of these	1
ii.	<b>Queries can be created in the</b> a. Layout View              b. Report View              c. Query Design 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>To create queries in Base you can use the</b> a. Design view              b. Query wizard              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.	A field in a database is also known as a a. Object                      b. Entity                      c. Attribute                      d. Table	1
ii.	The extension name given to a database file is a. abcd                      b. odb                      c. accdb                      d. dbacc	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>Why is it important to adjust office furniture and equipment properly?</b> a) To ensure maximum productivity              b) To prevent injuries such as strains and sprains c) To make the workspace look organized              d) None of the above	1
vi.	<b>Which fire extinguisher should be used for electrical fires?</b> a) Water                      b) Foam                      c) CO <sub>2</sub> (Carbon Dioxide)                      d) Dry Powder	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 primary aim of first aid?</b> a) Treat all injuries permanently              b) Provide immediate, temporary assistance c) Administer long-term care              d) Replace professional medical help	1

ii.	<b>Which of the following should be done to ensure electrical safety?</b> a) Overload power outlets                      b) Use frayed cables c) Inspect electrical cords regularly          d) Leave all equipment plugged in																															
iii.	<b>Which of these is NOT a primary first aid aim?</b> a) Prevent worsening of the injury            b) Promote recovery c) Diagnose illnesses                             d) Preserve life	1																														
iv.	<b>Construction site accidents are often caused by:</b> a) Poor planning            b) Equipment failure            c) Lack of protective gear    d) All of the above	1																														
v.	<b>Which of the following is considered a natural emergency?</b> a) Fire            b) Flood            c) Equipment malfunction            d) Gas leak	1																														
vi.	<b>What type of exercise is recommended for office workers to maintain health?</b> a) High-intensity workouts    b) Stretching and walking    c) Lifting heavy weights            d) None	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)</b> <b>Answer each question in 20– 30 words.</b>																															
Q.6	Write any four roles of Entrepreneurs.	2																														
Q.7	How does an Entrepreneur benefit a society?	2																														
Q.8	What are the qualities that make an entrepreneur succeed?	2																														
Q.9	How do entrepreneurs help in creating more entrepreneurs?	2																														
Q.10	How does entrepreneurship contribute to economic growth?	2																														
	<b>Answer any 4 out of the given 6 questions in20 –30 words each (4 x2=8marks)</b>																															
Q.11	<b>What is the importance of Sustainable Development?</b>	2																														
Q.12	<b>How can individual contribute to Sustainable Development Goals?</b>	2																														
Q.13	<b>List some ways in which we can use resources sensibly.</b>	2																														
Q.14	What causes eye strain and how to avoid it?	2																														
Q.15	Define the aims of first aid in emergency situations.	2																														
Q.16	What is the definition of an accident?	2																														
	<b>Answer any 3 out of the given 5 questions in 50–80 words each (3x 4=12 marks)</b>																															
Q.17	State the relationship and difference between a primary and foreign key.	4																														
Q.18	What is Database? Explain its types (i) Flat File Database (ii) Relational Database	4																														
Q.19	What is SQL? Name the various categories of SQL.	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><td>Sno</td><td>Name</td><td>Age</td><td>Department</td><td>Salary</td></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
Sno	Name	Age	Department	Salary																												
1	Shyam	21	Computer	35000																												
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Q.21	Explain these :- (i) Work Related Emergencies (ii) Natural Emergencies	4																														