



SAMPLE QUESTION PAPER-1
Information Technology (402)
Marking Scheme for Class X (Session 2025-26)

Time Allowed: 2 Hours

Maximum 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 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 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

Q.1	Answer any 4 out of the given 6 questions on Employability Skills (1 × 4 = 4 marks)	
i.	d) Calculator	1
ii.	c) Self-motivation	1
iii.	b) React	1
iv.	b) Step 1 - Organise, Step 2 - Prioritise, Step 3 - Control, Step 4 - Track	1
v.	c) Overusing natural resources for faster growth	1
vi.	a) Turn on	1
Q.2	Answer any 5 out of the given 6 questions (1 × 5 = 5 marks)	
i.	c) Character	1
ii.	a) Watermark	1



iii.	d) Type	1
iv.	c) Shift+Ctrl+N	1
v.	a) View	1
vi.	d) Colored	1
Q.3	Answer any 5 out of the given 6 questions (1 × 5 = 5 marks)	
i.	d) Page Layout	1
ii.	c) Goal seek	
iii.	b) Hyperlink	1
iv.	c) the users	1
v.	b) Record	1
vi.	a) Comment	1
Q.4	Answer any 5 out of the given 6 questions (1 × 5 = 5 marks)	
i.	b) Attributes	1
ii.	c) form	1
iii.	c) Report	1
iv.	d) Foreign	1
v.	a) Tab	1
vi.	d) One-to-many	1
Q.5	Answer any 5 out of the given 6 questions (1 × 5 = 5 marks)	
i.	d) Ergonomic	1
ii.	a) Occupational Health and Safety	1
iii.	b) Repetition strain injury (RSI)	1
iv.	c) Installing software updates	1
v.	b) First aid box	1
vi.	c) Electrical equipment	1

SECTION B: SUBJECTIVE TYPE QUESTIONS

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

Q.6	<ul style="list-style-type: none"> ● Face-to-face informal communication ● E-mail ● Notices/Posters ● Business Meetings ● other methods like social networks, message, phone call for communication, newsletter, blog, etc) 	2
Q.7	ABC of stress management is A: Adversity or the stressful event B: Beliefs or the way you respond to the event C: Consequences of actions and outcomes of the event	2
Q.8	As soon as it is switched on or the power button is pushed on then a computer automatically runs a basic program called BIOS(Basic Input/Output System) . The BIOS first does a self-test. If the self-test shows that the system is fine, the BIOS will load the Operating System. This means that the computer's operating system, for example, Ubuntu, is now ready to take user inputs.	2
Q.9	<ul style="list-style-type: none"> ● They are confident. They believe in themselves and their abilities. ● They keep trying new ideas in their business. ● They are patient. ● They are creative and think differently about business ideas. ● They take responsibility for their actions. ● They make decisions after thinking about them. ● They work hard) ● They do not give up when they face difficulty. 	2
Q.10	The Sustainable Development Goals (SDGs) are a global call to end poverty, protect the planet, and ensure peace and prosperity for all. They were launched at the United Nations Sustainable Development Summit in New York in September 2015 as part of the 2030 Agenda for Sustainable Development.	2

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

Q.11	The two different ways to create a custom styles are: <ul style="list-style-type: none"> ● From Selection ● By using drag and drop 	2
Q.12	<ul style="list-style-type: none"> ● Accuracy: Getting data straight from a webpage makes sure the information is correct and up-to-date. ● Efficiency: It saves time by automatically collecting the data instead of doing it by hand) ● Collaboration: It helps in organizing the data and makes it easier to share and work on with others. 	2

Q.13	<p>A Relational Database Model is a way to store and manage data in the form of tables (also called relations). Each table consists of rows (records) and columns (fields), where:</p> <ul style="list-style-type: none"> Each row represents a unique record) Each column represents a specific attribute of the data) <p>The model allows relationships to be established between tables using keys (like primary and foreign keys), making data organization efficient and logical.</p> <p>The Relational Database Model was proposed by Dr. Edgar F. Codd in 1970 while working at IBM.</p>	2
Q.14	<p>Physical hazard is a type of workplace danger that can cause harm to the body without necessarily touching it. It arises from environmental factors or unsafe conditions that can lead to injuries or health issues.</p> <p>Examples :</p> <p>Noise – Loud machinery or equipment that can damage hearing.</p> <p>Radiation – Exposure to ultraviolet (UV) rays, X-rays, or microwaves.</p> <p>Slips, trips, and falls – Wet floors or uneven surfaces.</p>	2
Q.15	<ul style="list-style-type: none"> Adjust the brightness of the computer screen to save your eyes from strain. Reposition the screen to avoid glare from lights or windows. Keep a proper vision distance from the computer screen and blink your eyes in an interval. Wear anti-glare glasses while working on the computer. Keep the screen clean and use a desk lamp to make it easier to see. Ensure the screen colours are easy to look at, and that the characters are sharp and legible. Give your eyes periodic breaks from the screen and perform frequent blinking. Look away from the screen into the distance for a few moments to relax your eyes; focus on something 30 metres away for 30 seconds every 30 minutes. Keep your monitor between 18 to 24 inches away from your face. Lastly, position monitors to avoid glare from sunlight and keep them clean. 	2
Q.16	<p>Candidate Key – All the field values that are eligible to be the primary key are the candidate keys for that table. Such fields can neither be left blank nor can have duplicate values. So in the table Student Marks, Enrollment Number and Roll Number both are candidate keys.</p> <p>Alternate Key – Out of the candidate keys, one or two are made as primary keys. The others are the alternate keys. Hence, if Roll Number is made as the primary key, Admission Number is the Alternate key.</p>	2

Answer any 3 out of the given 5 questions in 50 – 80 words each (4 × 3 = 12 marks)		
Q.17	<p>a) Click on the Insert menu -> Select Image.</p> <p>b) Cropping means cutting out unwanted parts of an image to show only the desired portion. Resizing means changing the overall size (width and height) of the entire image without removing any part.</p> <p>c) Text Wrapping is the way text flows around an image or object in a document. It controls whether the text goes above, below, around, or through the image.</p> <p>d) Click on the image to select it. Press the Delete key on your keyboard) OR Right-click on the image and choose Delete from the context menu.</p>	4
Q.18	<p>a) Macros save time by automating repetitive tasks and reduce the chance of human error.</p> <p>b) Click on Tools > Macros and then click on the Record Macro option.</p> <p>c) Macro1</p> <p>d) Opening of windows</p>	4
Q.19	<p>a) BOOKID should be made the primary key, as it uniquely identifies each book in the table.</p> <p>b) Attributes are the columns or fields in a table that describe the properties of an entity. There are 5 attributes in the table: BOOKID, BOOKNAME, COST, PUBLISHER, and AUTHOR.</p> <p>c) Tuples are the rows in a table; each row represents a complete record) There are 3 tuples in the above table.</p> <p>d) A data value is an actual piece of data stored in a cell. Example: “The Alchemist” is a data value under the BOOKNAME attribute.</p>	4
Q.20	<p>a) Riya should immediately raise the fire alarm and inform others to evacuate. If it is safe to do so, she can use the appropriate fire extinguisher.</p> <p>b) Keep flammable materials stored safely in proper containers. Ensure electrical equipment is maintained and turned off when not in use.</p> <p>c) Fire exits must remain clear at all times to allow people to evacuate quickly and safely during an emergency. Blocked exits can lead to injuries or fatalities.</p> <p>d) Fire drills help people practice how to respond during a real fire emergency. They ensure that everyone knows the evacuation routes and stays calm, reducing panic and confusion.</p>	4
Q.21	<p>a) CHAR stores fixed-length strings. VARCHAR stores variable-length strings.</p> <p>b) CHAR is more suitable when all values have the same length, like PIN codes, country codes, or fixed-length IDs, because it offers faster access and comparison.</p> <p>c) If Ritika enters a 6-character ID into a CHAR(10) field, it will still occupy 10 characters (the remaining 4 will be padded with spaces).</p> <p>d) Boolean</p>	4