



# Delhi Public School, Howrah

PERIODIC ASSESSMENT II (2024-2025)

Class – IX

**Care must be taken not to write anything on the question paper. All the questions must be attempted in the correct sequence.**

**SUBJECT: INFORMATION TECHNOLOGY (SUBJECT CODE 402)**

**THEORY EXAMINATION**

**Time Allowed: -2 Hours**

**F.M.-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 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.

**SECTION A: OBJECTIVE TYPE QUESTIONS**

Q. 1	Answer any 4 out of the given 6 questions on Employability Skills (1 x 4 = 4 marks)	
i.	Communication is defined as the _____ exchange of information. a) Two-Way                      b) One-Way                      c) No-Way                      d) Three-Way	(1)
ii.	Rinky is expressing her thoughts by using different facial expressions. What type of communication is she using? a) Verbal Communication    b) Non-verbal Communication    c) Handwritten Communication d) Visual Communication	(1)
iii.	Which one of the following has higher capacity and better quality than standard DVD? a) DVD-R                      b) CD                      c) Blu-Ray                      d) CD-R	(1)
iv.	_____ is used to convert AC power into DC. a) SMPS                      b) Port                      c) RAM                      d) GPS	(1)
v.	Sumit wants to use a special type of circuit board that is fitted in the socket on motherboard to enhance the function of the different components of a computer. Which type of circuit board does Sumit need to use?	(1)

vi.	Ravi believes in his own ability to achieve in anything he undertakes in his life. He develops the quality of _____: a) Self Confidence      b) Self Awareness      c) Self Control      d) Positive Attitude	(1)
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<b>Q. 2</b>	<b>Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)</b>	
i.	Which of the following is the process of inputting text by the means of a device such as a computer keyboard? a) Typing    b) Viewing    c) Checking    d) Writing	(1)
ii.	RapidTyping displays a _____ keyboard with zone highlights to help you learn how to place your fingers on the keyboard. a) Virtual    b) Mechanical    c) Optical    d) Wireless	(1)
iii.	Which keyboard keys are the left and right hand guide keys? a) F, J    b) A, J    c) D, S    d) A, L	(1)
iv.	How many toolbars are present in LibreOffice Writer window, by default? a) 1                      b) 2                      c) 3                      d) 4	(1)
v.	Rakesh wants to change the mistakes he noticed in his report which he had prepared. Which of the following option should he opt for it? a) Electronic typewriter    b) Word processor software    c) Simple typewriter    d) Both a and b	(1)
vi.	Header and Footer is available in which of the following menu? a) View Menu                      b) Edit Menu                      c) Insert Menu                      d) File Menu	(1)

<b>Q. 3</b>	<b>Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)</b>	
i.	Under which menu will you get 'Go to page' option to jump to a particular page of a large document? a) Insert                      b) Edit                      c) View                      d) Text	(1)
ii.	How will you select a paragraph in your writer document? a) Single Click                      b) Double Click                      c) Four times click                      d) Three times click	(1)
iii.	Ranojoy prepared his practical file to submit in school. After completing the file he intends to replace a word "Computer" to "Information". Ranojoy should go to which of the following menu? a) Edit menu                      b) Tools Menu                      c) View Menu                      d) Language Menu	(1)
iv.	By default, the writer sidebar is located on the _____ side of the window.	(1)
v.	Services of information technology used for improving the efficiency of an organization are called _____ a) ITeS                      b) INTes                      c) ITMes                      d) ITNes	(1)
vi.	<b>State whether the following statement is TRUE or FALSE. Rewrite the correct statement:</b> GPS is a navigation system that uses BPO services to determine a geographic location.	(1)

<b>Q. 4</b>	<b>Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)</b>	
i.	Computerized Axial Tomography (CAT) machine is used for creating images of different parts of the body. What is the dimension of these images? a) 2D                      b) 3D                      c) 4D                      d) 5D	(1)
ii.	Fill in the blank: India is emerging as a hub for "Digital Skills". It is the leading _____ destinations for IT companies in the world.	(1)
iii.	Fill in the blank: The area where the actual chart is plotted is called _____.	(1)

iv.	By which process, is the technical knowledge of an individual verified?	(1)
v.	A cell starting from first row , first column to fourth row and fifth column can be represented as _____ a) [A1 : E4]                      b) [A0 : E3]                      c) [E4 : A1]                      d) [E3 : A0]	(1)
vi.	If you type = 2*(6-4) in cell A1, what value will be displayed? a) 2                      b) 4                      c) 6                      d) 8	(1)

<b>Q. 5</b>	<b>Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)</b>	
i.	Statement 1: BPO service is doing exceptionally well in India. Statement 2: Most of the MNCs have their headquarters in India. (a) Both Statement 1 and Statement 2 are correct. (b) Both Statement 1 and Statement 2 are incorrect. (c) Statement 1 is correct but Statement 2 is incorrect. (d) Statement 1 is incorrect but Statement 2 is correct.	(1)
ii.	In Calc , which special type of built-in formula is used by the user to perform a calculation on the data in a worksheet? a) Name Box                      b) Formula                      c) Function                      d) Chart	(1)
iii.	The other name of XY chart is _____. a) Column Chart                      b) Net Chart                      c) Bar Chart                      d) Scatter Chart	(1)
iv.	_____ is used to store text , tables , fields and other items for reuse and assign them to a key combination for easy retrieval. a) Ruler                      b) Thesaurus                      c) AutoText                      d) AutoFormat	(1)
v.	Answer in one word: Which function in Calc, is used to get the number of entries in a number field that is in a range?	(1)
vi.	Fill the blank: The default page orientation in Calc is called_____.	(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	Twitter is a text-based platform, which creates a challenge for visual communicators who wish to manage conversations and build relationships through Twitter. Why is Visual Communication also known as Graphic Communication?	(2)
Q. 7	ICT includes computers, the internet, broadcasting technologies, telephony software, middleware, and other media applications and services. Write down any four categories of apps in ICT.	(2)
Q. 8	Define any two factors that affect perspectives in communication.	(2)
Q. 9	A printer's main purpose is to print text or images onto flat media, such as paper or film, from a computer. Printers can be used for many purposes. Name the different types of printers along with their purpose.	(2)
Q.10	State any two importance of ICT in daily life.	(2)

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

Q.11	Rudransh is creating a mail merge for the welcome letter that is to be sent to the Leaseholders of a new block. The block contains more than 10 Leaseholders. Help him understand the concept of mail merge.	(2)
Q.12	Write the full-form of DSS. State the purpose of this.	(2)
Q.13	Solve the following according to the rules of Calc. a) Cell A1 contains the number 10 and B1 contains 5. What will be the contents of cell C1, if the formula =A1+B1 *2^3 is entered in cell C1. b) Cell D5 contains the formula = \$B5+C5 and this formula is copied to cell E5. What will	(2)

	be the copied formula in cell E5?	
Q.14	Sourav wants to determine the average of the values entered in cells A3 , B3 and C3. He entered the equation as $=A3 +B3 +C3/3$ and he gets the wrong answer. If he puts the formula as $=(A1+B3+C3)/3$ then he gets the correct answer. Justify the reason behind this incident.	(2)
Q.15	a) Ruksana, has entered 49+30 in a cell. The worksheet is not showing 79 in the cell. Help Ruksana in rectifying the problem. b) Ruksana needs to find the subject topper in the exam result calc sheet. Which formulae will she use?	(2)
Q.16	State and explain in brief the two main components of mail merge.	(2)

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

Q.17	People and businesses rely on data storage providers to safely store their precious memories and vital data. When a global leader in data storage solutions needed a facility to house its mission-critical operations in Bangalore, its executives turned to Vesting to oversee design and construction of a range of high-precision technical environments and flexible workspaces at the highest level of quality and speed. The Software Technology Parks of India, which catalysed the growth of IT and IT-enabled services, hopes to replicate the model in the data centre and software products space. Differentiate between IT and ITeS.	(4)
Q.18	State any four different types of tabs in LibreOffice Writer.	(4)
Q.19	Write the syntax and purpose of the following functions in Calc. a) Average(): b) Max (): c) Min (): d) Count () :	(4)
Q.20	LibreOffice is a freely available, fully-featured office productivity suite. Its native file format is Open Document Format (ODF), an open standard format that is being adopted by governments worldwide as a required file format for publishing and accepting documents. State any four LibreOffice writer components.	(4)
Q.21	Anamika is writing an article on “Global Warming” in writer. She has to submit this article with a proper heading. She does not know how to insert a header in LibreOffice writer. Help her to insert a header in the document.	(4)