**Indian School Al Wadi Al Kabir**

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**Mid Term Examination**

**INFORMATION TECHNOLOGY (CODE: 402)**

Class: IX Time: 2 Hour

Date: 25/09/2025 Max. Marks: 50

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| ***General instructions:*****SECTION A**: I. All Questions are compulsory.**SECTION B**: II. Answer any 7 out of the given 9 questions each carries 2 marks. III.Answer any 3 questions out of given 4 questionseach carries 4 marks.  |

**SECTION A: OBJECTIVE TYPE QUESTIONS**

1. **Answer all the following: (24 x 1 =24 marks)**

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| 1. How do you receive information on phone?
2. **Listening**
3. Speaking
4. Reading
5. Writing
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| 1. **\_\_\_\_\_\_\_\_\_\_\_\_\_** refers to the processes of creating, managing, storing, and sharing data.a. Hardware Technologyb. Software Technologyc. **Information Technology**d. None of the above
 |
| 1. GDP stands for \_\_\_\_\_\_\_\_\_\_.a. Gross Domain Publicationb. Gross Domain Productionc. **Gross Domestic Product**d. None of the above
 |
| 1. Information Technology improves the quality of service in \_\_\_\_\_\_\_\_\_\_\_\_.a. Businessb. Organizationc. School**d. All of the above**
 |
| 1. CAT stands for **\_\_\_\_\_\_\_\_\_\_\_\_\_.**a. Computer Access Tomographyb. **Computerised Axial Tomography**c. Computer Axial Technologyd. None of the above
 |
| 1. Electronic typewriters are similar to \_\_\_\_\_\_\_\_\_\_\_.a. Keyboardb. Mousec. Touch Screend. **word processors**
 |
| 1. Which keys are known as home keys on the keyboard?a. ASDFb.; LKJc. **Both a) and b)**d. None of the above
 |
| 1. The \_\_\_\_\_\_\_ is the small downward line that flickers in a sentence while typing.a. **Cursor**b. Linec. Double Lined. None of the above
 |
| 1. WPM stands for \_\_\_\_\_\_\_\_\_\_\_.a. **Word per minute**b. Word per milec. Word per millisecondd. None of the above
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| 1. \_\_\_\_\_\_\_\_\_\_\_ machine is used to monitor the heartbeat.a. Computerized Axial Tomography Machineb. Magnetic Resonance Imaging Machinec. **Electrocardiogram Machine**d. Cardiac Screening Machine
 |
| 1. Which of these sentences is in passive voice?
	1. They are watching a movie.
	2. **The clock was repaired by Raju.**
	3. He is sleeping in the room.
2. d. My pet dog bit the postman.
 |
| 1. KPM stands for \_\_\_\_\_\_\_\_\_\_.a. **Keystrokes per minute**b. Keyboard per minutec. Keys per minuted. All of the above
 |
| 1. Renuka is joining a new school. Which of the following questions will help her become comfortable with her new classmates?
2. How long have you been studying here?
3. Would you like to share my lunch?
4. What do you all do in your free time?
5. **All the options are correct.**
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| 1. Many business transactions take place over the Internet, which is referred to as \_\_\_\_\_\_\_\_\_\_\_\_.a. E-sellingb. **E-commerce**c. E-buyingd. None of the above
 |
| 1. Which of the following is not a self-management skill?
	1. Problem solving
	2. **Bargaining**
	3. Understanding self
	4. Confidence building
 |
| 1. LMS stands for \_\_\_\_\_\_\_\_\_\_\_.a. Lesson Management System**b. Learning Management System**c. Less Management Systemd. None of the above
 |
| 1. Rahul gets feedback on his project work from his class teacher. Which of these options demonstrates positive attitude in this situation?
	1. Rahul ignores the feedback.
	2. Rahul takes the feedback but does not use it.
	3. Rahul tells others that the teacher is wrong.
	4. **Rahul learns from the feedback and makes his project work better.**
 |
| 1. BPM stands for \_\_\_\_\_\_\_\_\_\_.a. Best Process Managementb. **Business Process Management**c. Business Process Managerd. None of the above
 |
| 1. What do you mean by Typing ergonomics?a. Correct set up of desk and computer equipmentb. Posture of the body & handc. Mouse and keyboard placementd. **All of the above**
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| 1. What role does ICT play in the classroom?a. Using e-learning in classroomb. Smart- board presentationsc. Desktop publishing of magazine and documentsd. **All of the above**
 |
|  21. What does GPS stand for?* 1. **Global Positioning System**
	2. Global Payment System
	3. Global Program System
	4. Global Pointing System
 |
| * + 1. \_\_\_\_\_\_\_\_\_ is a Free and Open-Source Software (FOSS) designed to learn typing skills on the computer.a. **Rapid Typing Tutor**b. Microsoft Wordc. Digital Documentationd. All of the above
 |
| 23.Which of the following operations is not performed by a mouse?a. Left Clickb. Right Clickc. **Middle Click**d. Double Click |
| 24.Which one of the following is not a punctuation key?a. comma (,)b. period (.)c. semicolon (;)d. **equal sign (=)** |

**SECTION B: SUBJECTIVE TYPE QUESTIONS**

 **II. Answer any 7 out of the given 9 questions (7 x 2 = 14 marks)**

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| 25. Write a short note on the uses of internet. |
| 26.How is IT used in libraries.Nowadays many libraries are computerised. Each book has a barcode associated with it. This makes it easier for the library to a keep track of books and the availability of a specific book. Computer software is used to issue and return the book. Each book in the library has a magnetic strip attached to it that is deactivated before the book can be borrowed. |
| 27.Explain 4 disadvantages of written communication?**1. Lack of Immediate Feedback**In a written message, you don't get an instant response. You have to wait for the other person to read your message and reply. **2. Risk of Misinterpretation**Written communication lacks non-verbal cues like tone of voice, facial expressions, and body language. This can lead to misunderstandings. **3. It's Time-Consuming**Writing a well-structured and clear message, especially a formal one like an essay or a project report, takes a lot of time and effort. You need to think about your words, check for correct grammar and spelling, and organize your thoughts. **4. It Lacks a Personal Touch**Written communication can feel impersonal and distant. It's harder to build a close connection or express emotions like happiness, sympathy, or anger through writing alone.  |
| 28.Differentiate between Interests and Abilities.Interests are the things that we enjoy doing. Interestsmay include:• Activities you like to do at school and in your freetime that make you happy.• Activities you are curious about or would do evenif no one asked you to do it.• Activities you want to learn or would like to do inthe future.Ability, on the other hand, is an acquired or naturalcapacity that enables an individual to perform aparticular job or task with considerable proficiency. |
| 29.Explain CPM with its formula.CPM is the number of characters typed in a one minute period of time.CPM = ( Characters without errors + Characters with errors ) / Time spent in minutes |
| 30.Give examples of any four common signs used for visual communication.A close-up of a sign  AI-generated content may be incorrect. |
| 31.What do you mean by typing accuracy?Typing accuracy is defined as the percentage of correct entries out of the total entries typed. |
| 32.Explain the terms: IT and ITeS.Information TechnologyInformation Technology (IT) means creating, managing,storing and exchanging information. IT includes all types of technology used to deal with information, such as computer hardware and software technology used for creating, storing, and transferring information.Information Technology enabled Services (ITeS):Information Technology that enables the business by improving the quality of service is InformationTechnology enabled Services (ITeS). ITeS is also called web-enabled services or remote services that cover the entire operations which exploit Information Technology for improving the efficiency of an organisation. |
| 33.Write the four steps for effective Time management.1. Organize and PlanGather all tasks and deadlines into a single master to-do list. Clarify each task, including its deadline and the effort required. Use a planner or calendar for long-term planning and to note project deadlines. 2. PrioritizeRank your tasks based on importance and urgency. Use a framework like the Eisenhower Matrix (Urgent/Important) to decide what to do first. Identify and remove non-essential tasks that don't align with your goals. 3. ScheduleSet aside specific time blocks for your priority tasks to create a schedule. Estimate the time needed for each task to avoid over-scheduling. Make sure to schedule breaks between tasks to stay focused and refreshed. 4. Track and AdaptReview your plan at the end of each day to see what was completed and what needs to be moved. Track how you spend your time to identify habits that waste time. Adjust your plan based on your daily review and the insights you gain from tracking. |

 **III. Answer any 3 questions out of given 4 questions (3x 4 = 12 marks)**

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| 34.Explain any 4 mouse operations.**(a) Click or left click:** It is used to select an item. Press down once on the left button with your index finger.**(b) Double click:** It is used to start a program or open a file or trigger an action.**(c) Right click:** It is used to display a set of commands and available options. Move the mouse pointer tothe desired position, position your middle finger on the right mouse button, keeping the mousestill, click lightly with the middle finger on the right button.**(d) Drag and drop:** It allows to select and move an item from one location to another. Position themouse on an object, hold down the left side of the mouse, and drag the object.**(e) Scroll:** Many applications provide scrollbars on right side of screen if the page length is more thanthe monitor/screen length. Instead of using page down key or arrow keys, one can use scroll keyof a mouse to scroll up or down. If the scroll key is not available, one can click on the scroll bar on the application screen with the let button of the mouse. Use the scroll wheel on the mouse tomove the page on the screen up or down.**(f) Blocking:** Blocking is another way of selecting text. It is used to select text that needs to be editedor formatted. Click at the beginning of the word or sentence and hold down the left button, then drag along the text and see it being highlighted in black. At the end of the text or sentence release the left button. |
| 35.Explain IT in communication and IT in business.IT in communicationCommunication is used to convey messages and ideas, pictures, or speeches. A person who receives thismust understand clearly and correctly.IT in businessComputers are used in business organisations for payroll calculation, budgeting, sales analysis, financial forecasting, managing and maintaining stocks. A lot of business transactions happen through Internet called e-commerce. |
| 36.Describe the structure of the IT-BPM industry Structure of the IT-BPM industry:The organisations within the IT‑BPM industry are categorized along the following parameters:• Sector the organisation is serving• Type as well as range of offering the organization provides• Geographic spread of operations• Revenues and size of operations(a) Multinational Companies (MNCs): MNCs have their headquarters outside India but operate inmultiple locations worldwide including those in India. They cater to external clients (both domesticand/or global).(b) Indian Service Providers (ISPs): ISPs started with their operations in India. Most of theseorganisations have their headquarters in India while having offices in many international locations. While most have a client base, which is global as well as domestic, there are some that have focused on serving only the Indian clients.(c) Global In-house Centers (GIC): GIC organisations cater to the needs of their parent company only and do not serve external clients. |
| 37.Explain the steps to perform the below functions in Libre Office:a. Creating a table.The simplest way to create a table is, click the **Table** icon on the Standard toolbar. On the drop-downgraphic, choose the size of the table. To create the table, click on the cell representing the last row of the last column that you want. Holding down the mouse button over the Table icon will also display the graphic. Another way to create a table is by using the Table dialog. Position the cursor where you want toinsert the table, then:Select ***Table → Insert*** Table from the Menu bar (or Press ***Ctrl+F12***).b. Inserting border and imageTo assign border to the paragraph, select the paragraph, then select *Format → Paragraph →Borders → Select Line – Style, Width, Colour.*Inserting image: If you wish to include any picture or image in your document, the image file should be stored in your hard disk or external storage, such as Pen drive. To insert an image in your document, position the cursor where you want to insert the file, select ***Insert → Image.*** Another alternative is, justclick on the insert image icon, located below the Formatting Toolbar. |

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