



DOON GLOBAL SCHOOL
PRE-BOARD EXAMINATION-2
CLASS - X

SUBJECT- INFORMATION TECHNOLOGY (402)

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 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

Q1. Answer any 4 out of the given 6 questions on Employability Skills (1 x 4 = 4 marks)

- i. _____ operating system enables multiple users to work on the same computer at different times or simultaneously.
a. multiprogramming. b. multiprocessors. c. multi-user. d. multi-tasking.
- ii. BIOS stands for
a. Basic Input/Output System b. Base Input/Output System c. Basic Input and Output Systematic
d. None of the above
- iii. Mr Bhupesh did a project very well. Now he is collecting feedback, insights into his work-specific proficiencies. This is called:
a. Self-Awareness b. Responsibility c. Time-Management d. Adaptability
- iv. From the following statements, which one is not the positive impact of Entrepreneurship on society:
a. Stimulates Innovation and Efficiency b. Creates Jobs and Employment Opportunities
c. Solves the problems of the society d. Discourages welfare of the society.
- v. Priyank is doing his work very efficiently. He is following a stress management technique that helps him to give strength. Which of the technique he is following?
a. Time Management b. Physical Exercise c. Positivity d. Healthy Diet
- vi. Money used to start a business is known as:
a. Capital b. business money c. starts up d. None of the above

Q. 2 Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)

- i. It refers to a cell or a range of cells on a worksheet and can be used to find the values or data that you want formula to calculate.
a. Row b. Column c. Autosum d. Cell Reference
- ii. _____ key is used to reduce repetitive strain.
a. Sticky b. Serial c. Mouse d. Toggle
- iii. In a word processor, _____ option is selected for a scaled resizing of an image.
a. Original Size b. Keep ratio c. Image Size d. Relative
- vi. A table is a set of data elements that is organized using a model of vertical _____ and horizontal _____.
a. Rows, Tables b. Columns, Rows c. Rows, Columns d. Forms, Reports
- v. Soundsentry generates visual warnings>
a. True b. False
- vi. Which of the following is/are a modifier key?
a. Alt b. Ctrl c. Windows d. All of the above

Q. 3 Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)

- i. Identify the property which help to set the number of characters in text/ varchar type field of a table in DBMS.
a. Entry Required b. Size c. Default Value d. Length
- ii. _____ include fonts, alignment, borders, background, number formats (for example, currency, date, number), and cell protection in document.
a. Cell Style b. Numbering Style c. Paragraph Style d. Character Style
- iii. The cell reference in a spreadsheet for cell range B2 to F15 is _____.
a. B2.F15 b. B2;F15 c. B2:F15 d. B2-F15
- iv. To repeat the graphic across the entire background area, we need to select option in word processor.
a. Tile b. Position c. Stretch d. Area
- v. A database has only one table.
a. True b. False
- vi. Serial keys are helpful for those people who have difficulties to use _____.
a. keyboard b. mouse c. None of the above d. All of the above

Q. 4 Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)

- i. Identify the website that offers offline blog service for free.
a. Blog desk b. Qumana c. WordPress d. both a and b
- ii. The length of the field value of text data type is _____ characters by default in DBMS.
a. 10 b. 25 c. 20 d. 50
- iii. In a spreadsheet using to create a hyperlink to a web FTP or Telnet, click on the _____ icon available in Hyperlink dialog box.
a. browser b. Internet c. hyperlink d. mail & news
- iv. Amrita has just turned 14 years old. She intends to invite her friends and family to the gathering. Which function will she employ to send the same invitation to a large number of individuals with various addresses without having to type it over and again?
a. Mail Merge b. Letter wizard c. Document Type d. None of these
- v. High expectations from self can leave one with chronic anxiety and stress, thus leading to stress.
a. Physical b. Emotional c. Mental d. Financial
- vi. In a document, _____ refers to the vertical or horizontal placement of a graphic in relation to the chosen anchor point.
a. Arrangement b. Anchoring c. Alignment d. Text Wrapping

Q. 5 Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)

- i. BSNL stands for _____.
a. Bihar Sanchar Nigam Limited b. Bharat Samachar Nigam Limited
c. Bharat Sanchar Nigam Limited d. None of the above
- ii. _____ store data in a single table which is suitable to store less amount of Data.
a. Flat File b. Relational c. Mini File d. Single File
- iii. In _____ Networks, all computers have an equal status and each terminal has an equally competent CPU.
a. MAN b. WAN c. Client Server d. P2P
- iv. When you apply a _____, you apply a group of formatting effects together in one single step.
a. Effect b. Style c. Template d. Format
- v. Database servers are referred to as _____.
a. Front-ends b. Back-ends c. Clients d. Model
- vi. _____ controls how graphics are stacked upon each other or relative to the text.
a. Arrangement b. Alignment c. Anchoring d. Wrapping

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.

- Q6. What do you mean by Disk Defragmentation?
- Q7. Explain any two Myths about Entrepreneurship.
- Q8. What is a shortcut menu? What is its significance?
- Q9. What is the work style of independent workers?
- Q10. Write any four roles of Entrepreneurs.

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

- Q11. What do you understand by default value?
- Q12. Differentiate between Filter keys and Toggle keys in Microsoft Windows.
- Q13. What is the use of multiple sheets in a workbook?
- Q14. What is an hazard? Name some workplace hazard.
- Q15. Is hierarchy of heading related to TOC? How?
- Q16. What is the use of grouping of objects?

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

- Q17. Given the following Spreadsheet, Write the appropriate Formula/ Expression/ Function to be used for (a) to (e)

	A	B	C	D	E	F
1						
2	Departmental Store					
3	ProdCode	PNAME	QTY	PRICE	AMOUNT	
4	P101	BAT	55	1250		
5	P102	RACKET	40	700		
6	P103	BALL	65	150		
7	P104	GLOVES	50	300		
8		TOTAL				
9		AVERAGE				
10		MAXIMUM				

- Write formula to calculate the Total Qty(C4:C7) in cell C8
- Write the feature used for arranging the Price from Highest to Lowest
- To find the Maximum Price to be written in Cell D10
- To find the Average Qty to be written in cell C9
- Write formula to calculate the Total Amount in cell E8

Q18. What are Styles? What are the advantages of using styles?

Q19. Write command to create table named 'BOOK' with following fields:

BOOK ID	Char(4)
Bname	Varchar(15)
Author	Varchar(20)
Price	Decimal

- Identify the primary key of the Book Table, also mention the suitable reason for choosing it as a Primary Key
- Differentiate between char and varchar data type

Q20. Write the SQL commands to answer the queries based on Fabric table.

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FabricID	Fname	Type	Disc
F001	Shirt	Woollen	10
F002	Suit	Cotton	20
F003	Tunic	Cotton	10
F004	Jeans	Denim	5
F006	Shorts	Cotton	7

- To insert the following record ("F005", "Kurta", "Woollen",5)
- To display only those fabric whose disc is more than 10
- To display those records whose type is "Woollen"
- To modify the fabric shirt by increasing discount by 10
- To delete the record of fabric 'F003' from table

Q21. Vicky is a student of class X. He used to get the work based on internet surfing, but he is not aware of the internet and its terminology. Being a friend of Vicky, help him in finding the answers of the following questions.

- What do you mean by Internet Service Provider?
- Expand the following terms: i. WAP ii. W3
- Mention any two advantages of Networking.
- What is a Blog? Name any two Online Blogs.
