

# INFORMATION TECHNOLOGY (402)

## Sample Question Paper

### Class X - 2018-19

Time: 2 Hours

Max. Marks: 50

#### General Instructions:

1. Question paper is divided into two sections: Section-A and Section- B.
2. Section–A:
  - i. Multiple choice question/Fill in the blanks/Direct Questions of 1 mark each. Answer any 10 questions out of the given 12 questions.
  - ii. Very Short Answer of 2 marks each. Answer any 5 questions from the given 7 questions.
  - iii. Short Answer of 3 marks each. Answer any 5 questions from the given 7 questions.
3. Section–B: Long/Essay type questions of 5 marks each. Answer any 3 questions from the given 5 questions.
4. All questions of a particular section must be attempted in the correct order.
5. Please check that this question paper contains 31 questions out of which 23 questions are to be attempted.
6. The maximum time allowed is 2 hrs.

#### SECTION –A

#### Answer any 10 questions out of the given 12 questions:

1. What is kept on \_\_\_\_\_ table (1)  
a. an    b. the    c. of    d. a
2. The chemist shop is right next \_\_\_\_ the hospital. (for, to). (1)
3. www stands for \_\_\_\_\_ (1)  
(a) Whole World Web  
(b) World Wide Web  
(c) World With Web  
(d) Web Web Web
4. \_\_\_\_\_ is designed to help users with auditory impairments. (1)  
(a) Filter Key  
(b) Toggle Keys  
(c) Sound Sentry  
(d) Serial Key
5. Default tab stop position is \_\_\_\_\_ . (1)
6. \_\_\_\_\_ can be used to break continuous text to one or more sentences. (1)
7. \_\_\_\_\_ can be used for inserting information at the top of each page automatically. (1)

8. AutoSum option is available in \_\_\_\_\_ group under the Home tab. (1)
9. \_\_\_\_\_ are used for playing sound files while making a presentation. (1)
10. Selecting the \_\_\_\_\_ view shows calendar for a month. (1)
11. You can categorize appointments in time management software by giving specific \_\_\_\_\_ to appointments. (1)
12. A \_\_\_\_\_ creates a timeline of transactions that can be linked to a contact. (1)

**Very Short Questions: (2 marks each).**

**Answer any 5 questions out of the given 7 questions:**

13. Rohan's father told him that they need to attach a modem for internet connection on their computer. Explain the meaning and function of modem to Rohan. (2)
14. What are document templates? State the purpose of using document template. (2)
15. What are Clip arts? List any two websites that offer free clipart. (2)
16. Explain any three types of views available in Spreadsheet (2)
17. Explain the purpose of grouping objects in a Digital presentation. (2)
18. Differentiate between Animation and Transition in digital presentation. (2)
19. Pulkit has got a proposal for a meeting through Calendar. Suggest four types of responses that are available under calendar software. (2)

**Short Questions: (3 marks each).**

**Answer any 5 questions out of the given 7 questions:**

20. A stranger has helped your grandfather and you want to appreciate him for the help extended by him. Write any three lines to thank him. (3)
21. You have recently visited a hill station. Describe it using appropriate phrases. (3)
22. List any three word wrapping options available under Word Processing software. (3)
23. Write steps to insert shape in a word document. (3)
24. Yashika is preparing a Digital Presentation for her project. Give any three basic guidelines to be followed while making a digital Presentation. (3)
25. Ankush has to present monthly report of his department to his managing committee. Suggest him with appropriate tools to do the following in a digital presentation: (3)
  - i. To show statistical data pictorially for analysis.
  - ii. Two ways to insert movie in his presentation.
  - iii. Which option he shall use to keep guided text used by presenter
26. Define the following terms (3)
 

a. Tuple	b. Foreign Key	c. DBMS
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## SECTION –B

### Long/Essay type questions (5 marks each).

#### Answer any 3 questions out of the given 5 questions:

27. Ananya uses Internet for her School Project. Suggest any five security measure to ensure safety from online threats. (5)

28. Explain the following terms : (5)

- i. Internet
- ii. LAN
- iii. Instant Messaging
- iv. Blog
- v. P2P Architecture

29. Create table BOOK (5)

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

a) Identify the primary key of the Book Table, also mention the suitable reason for choosing it as a Primary Key

b) Differentiate between

- i. char and varchar data type
- ii. DDL and DML

30. Write the SQL commands to answer the queries based on Fabric table (5)

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

- a) To insert the following record  
("F005", "Kurta", "Wollen",5)
- b) To display only those fabric whose disc is more than 10
- c) To display those record whose type is "Wollen"
- d) To modify the fabric shirt by increasing discount of 10
- e) To delete the record of fabric F003 from table

- 31.** Given the Following Spreadsheet, Write the appropriate Formula/ Expression/ Function to be used for (a) to (e) **(5)**

	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				

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