

CBSE Sample Paper Information Technology-402 Class 10

Max Marks-50

Time-2Hr

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(Multiple Choice Questions)

Que. 1: Answer any 4 questions out of the given 6 questions on Employability Skills (1 X 4=4 marks)

- (i) Physical exercise helps us to raise, which are chemicals in the brain that act as natural painkillers. 1
- a. Enzymes
 - b. Endomorphins
 - c. Ectomorphines
 - d. All of the above
- (ii) Which of the following is not an element to keep a person motivated? 1
- a. Commitment to personal or Organisational goals
 - b. Initiative or readiness to act on opportunities
 - c. Being aware of your personality
 - d. None of the above
- (iii) The cleaning of software installed in the computer can be achieved by..... 1
- a. Disk cleanup

- b. Backup
- c. Cleaning CPU cabinet
- d. None of these

(iv) Which of these is not an example of antivirus software? 1

- a. Quick Heal
- b. Avast
- c. Impress
- d. McAfee

(v) The two important personality traits that entrepreneur's poses are..... and

- a. Optimism, uncertainty
- b. Perception, intuition
- c. Motivation, Distrust
- d. All the above

(vi) Entrepreneurs play a key role in increasing the of living in a community. 1

- a. Efforts
- b. Confidence
- c. Standard
- d. None of them.

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

(i) Sound Sentry is designed to help those who have disability. 1

- a. Learning
- b. Visual
- c. Hearing
- d. All of the above

(ii) Which of the following is true about the Referential Integrity? 1

- a. All references must be valid
- b. Ensures the accuracy and consistency
- c. Both a and b
- d. None of these

(iii) It holds different tools that help you to make modification in images. 1

- a. Image Toolbar
- b. Standard Toolbar
- c. Drawing Toolbar
- d. View menu

(iv) Which of the following is a keyword shortcut to open the 'Data Source View' pane? 1

- a. Ctrl+Shift+F4
 - b. Ctrl+Shift+F7
 - c. Ctrl+Shift+F8
 - d. Ctrl+Alt+F6
- (v) These are used to control all aspects of a paragraph's appearance. 1
- a. Character Styles
 - b. Paragraph Styles
 - c. Frame Style
 - d. Page Style
- (vi) Row in a table is known as 1
- a. Tuples
 - b. Attributes
 - c. Relation
 - d. All of the above

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

- (i) Which of the following is default Text Wrapping option. 1
- a. Wrap off.
 - b. Wrap Left.
 - c. Wrap Right.
 - d. Optimal Page Wrap.
- (ii) Which primary key is defined on one or more columns in the table. It is known as 1
- a. Foreign Key
 - b. Candidate Key
 - c. Composite Key
 - d. Alternate Key
- (iii) Which of the following is not a Toggle Keys? 1
- a. Caps Lock
 - b. Num Lock
 - c. Scroll Lock
 - d. Ctrl Key
- (iv) Which handles are used to resize an Image diagonally? 1
- a. Corner Handles
 - b. Side Handles
 - c. Both a and b
 - d. None
- (v) Which menu has the Scenario command in Calc? 1
- a. Tools
 - b. Home
 - c. Data

- d. Insert
- (vi) Mr. Parth has to take loan of Rs 600000/- from the bank for 5 years. He can pay only Rs 7500/- as EMI. He is not concerned with ROI. Which option will help him to find ROI? 1
- a. Solver
- b. Macro
- c. Scenario
- d. Goal Seek

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

- (i) A radiation leak is an example of 1
- a. Natural hazard
- b. Manmade hazard
- c. Hybrid hazard
- d. All of the above
- (ii) Sameer while creating a new document in writer wants that his company logo should automatically come on top left top corner. Which of the following feature will help him to do so? 1
- a. Styles
- b. Templates
- c. Both of the above
- d. None of the above
- (iii) Which command/clause is used to apply condition in a query? 1
- a. Update
- b. Select
- c. Order by
- d. Where
- (iv) It is an act of sending an e-mail to a user; misleading him to believe that it is from a Trusted person or organisation. 1
- a. Phishing
- b. Email spoofing
- c. Chat spoofing
- d. All of the above
- (Both a and b will be considered)
- (v) The feature of Calc allows you to record a set of actions that you perform Repeatedly in a spreadsheet. 1
- a. Solver
- b. Multiple Operations
- c. Macro
- d. Scenario
- (vi) The feature using which you can give access to other users to work 1

on the same spreadsheet at the same time.

- a. Linking
- b. Hyperlink
- c. Sharing
- d. All the above

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

- (i) Amit wants to remove a database named “mydb”. Help him to identify correct command. 1
 - a. Drop database mydb
 - b. Remove database mydb
 - c. Delete database mydb
 - d. Create New mydb
- (ii) Name the software/hardware that help in preventing unauthorized access to your Computer by blocking unsolicited communications. 1
 - a. Anti Virus
 - b. Firewall
 - c. Both
 - d. None
- (iii) Which of the following opens ‘Manage Changes’ dialog box? 1
 - a. Edit > Track Changes > Manage
 - b. Edit > Manage Changes
 - c. Track Changes > Manage Changes
 - d. None of the above
- (iv) It is an effective way to organize and summaries the data for viewing and printing. 1
 - a. Form
 - b. Query
 - c. Report
 - d. None of these
- (v) A..... is required when you create multi-pages document. 1
 - a. Table of Content
 - b. Template
 - c. Style
 - d. Mail-Merge
- (vi) To use an instant messenger service, a user must have anwith the IM application 1
 - a. Account
 - b. Data
 - c. Number
 - d. None of these

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. What are different types of stressors? 2
- Q. 7. What are the keys to becoming self-reliant? 2
- Q. 8. Define Operating System. Also write any four functions of Operating System. 2
- Q. 9. Write any four myths about entrepreneur. 2
- Q. 10. What is the Primary difference between the life of an entrepreneur and that of his counterpart? 2

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

- Q. 11. Write the steps to create Templates in Writer. 2
- Q. 12. Write the syntax to define a macro as a function in Open Office Calc? 2
- Q. 13. How Relative reference is different from Absolute reference? 2
- Q. 14. What are different types of data types in Open Office Base? 2
- Q. 15. Define Filter keys and Toggle keys in Microsoft Windows. 2
- Q. 16. Write any four advantages of Computer Networks. 2

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

- Q. 17. Define Mail-Merge. Also write the different steps involved in Mail-Merge. 4
- Q. 18. Write short notes on the following: 4
- a. Subtotal b. Scenario c. Multiple Operation d. Consolidate
- Q. 19. Consider the following table Teacher given below the table: 4

T_ID	E_Code	Name	Age	Subject	DOJ	Salary	Gender
101	E001	Kamlesh	55	Physics	1991/04/01	75000.00	M
102	E002	Praveen	48	Maths	1998/06/01	65000.50	M
103	E003	Hemisha	45	Gujarati	2000/02/07	55000.00	F
104	E004	Alauddin	41	Science	2008/04/02	52000.00	M
105	E005	Dipti	38	Maths	2012/04/01	48000.00	F
106	E006	Kunal Patel	37	Science	2016/04/01	44000.00	F

Write SQL queries for the following:

- a. To display all the records in ascending order of Salary.
- b. To insert at least one record in the table.

- c. To display E_Code, Name, Subject of Teachers whose age is more than 45.
- d. Remove the records of Male teachers.

Q. 20. In how many ways you can create query in Open Office Base? Name the Query language which is used in Base. 4

Q. 21. Answer the following: 4

- a. What is a Blog? Name any two Online Blogs..
- b. What do you mean by Internet Service Provider?
- c. Write Full form of : WAP and TCP.
- d. Define the term Client-Server Network?