

# SAMPLE PAPER-5 (Solved)

(Based on the latest CBSE Sample Paper)

Time : 2 Hours

Maximum 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 part/section must be attempted in the correct order.
6. SECTION A - OBJECTIVE TYPE QUESTIONS (24 MARKS):
  - (i) Each question carries 1 mark.
  - (ii) There is no negative marking.
7. SECTION B - SUBJECTIVE TYPE QUESTIONS (26 MARKS):
  - (i) This section has 16 questions in three parts viz. Part A, Part B and Part C.
  - (ii) A candidate has to do 10 questions (3 questions from Part A, 4 questions from Part B and 3 questions from Part C).
  - (iii) Part A has 05 questions on Employability Skills. Do any 03 questions. Answer these questions in 20-30 words each. Each question carries 2 marks. (2 × 3 = 6 Marks).
  - (iv) Part B has 06 subject specific questions. Do any 04 questions. Answer these questions in 20-30 words each. Each question carries 2 marks. (2 × 4 = 8 Marks).
  - (v) Part C has 05 subject specific questions. Do any 03 questions. Answer these questions in 50-80 words each. Each question carries 4 marks. (4 × 3 = 12 Marks).

### SECTION A : OBJECTIVE TYPE QUESTIONS

1. Answer any 4 out of the given 6 questions

(1 × 4 = 4 marks)

- (i) \_\_\_\_\_ refers to the use of time in a disciplined manner. Some cultures are very strict towards the use of one's own as well other's time? [1]
- (a) Proxemics                      (b) Kinesics                      (c) Paralinguistics                      (d) Chronemics

Ans. (d) Chronemics

- (ii) Which of the following is not a method of communication? [1]
- (a) Body view                      (b) Mountain view                      (c) Both (a) and (b)                      (d) None of these

Ans. (c) Both (a) and (b)

- (iii) Two types of threats that can affect a computer are \_\_\_\_\_. [1]
- (a) Animal threats and Human threats                      (b) Natural threats and Human threats
- (c) Natural threats and Electricity threats                      (d) None of these

Ans. (b) Natural threats and Human threats

- (iv) Every industrialist cannot be characterised as \_\_\_\_\_. [1]
- (a) Entrepreneur                      (b) Businessman                      (c) Manager                      (d) None of these

Ans. (a) Entrepreneur

- (v) Entrepreneurs are high \_\_\_\_\_. [1]
- (a) Achievers                      (b) Losers                      (c) Granters                      (d) None of these

Ans. (a) Achievers

- (vi) The concept of 'sustainable development' became popular as the Brundtland Report in the year \_\_\_\_\_ [1]  
 (a) 1986 (b) 1987 (c) 1988 (d) None of these

Ans. (b) 1987

2. Answer any 5 of the given 6 questions

(1 × 5 = 5)

- (i) Sustainable development requires judicious use of \_\_\_\_\_ [1]  
 (a) Natural resources (b) Human resources

Ans. (a) Natural resources

- (ii) Which type of hazard are caused by bacteria, viruses, insects, plants, birds, animals, and humans, etc.? [1]  
 (a) Chemical hazard (b) Slipping hazard  
 (c) Biological hazard (d) None of these

Ans. (c) Biological hazard

- (iii) A \_\_\_\_\_ is any source of potential damage, harm or adverse health effects of the people at workplace. [1]  
 (a) Hazard (b) Stress (c) Both (a) and (b) (d) None of these

Ans. (a) Hazard

- (iv) \_\_\_\_\_ helps you to rearrange the fragmented data so that your disk drives can work more efficiently. [1]  
 (a) Disk defragmenter (b) Disk Cleanup  
 (c) Spam (d) Worm

Ans. (a) Disk defragmenter

- (v) \_\_\_\_\_ is a wireless communication standard to provide mobile broadband connectivity through a variety of devices. [1]  
 (a) WiMax (b) Wi-fi (c) Router (d) None of these

Ans. (a) WiMax

- (vi) In a \_\_\_\_\_ topology, each computer is connected to a centrally located device called hub. [1]  
 (a) Bus (b) Star (c) Mesh (d) None of these

Ans. (b) Star

3. Answer any 5 of the given 6 questions

(1 × 5 = 5 marks)

- (i) Choosing View > Toolbars > Image in Writer brings up the \_\_\_\_\_ toolbar. [1]  
 (a) Image (b) Drawing (c) Standard (d) None of these

Ans. (a) Image

- (ii) The two insert modes of Writer are \_\_\_\_\_. [1]  
 (a) Insert and Overwrite (b) Insert and Overlook  
 (c) Delete and Write (d) None of these

Ans. (a) INSERT and OVERWRITE

- (iii) \_\_\_\_\_ controls how images are stacked upon each other or relative to the text. [1]  
 (a) Alignment (b) Arrangement (c) Wrapping (d) None of these

Ans. (b) Arrangement

- (iv) What happens to the text when the user applies LowerCase onto the text? [1]  
 (a) reverses the case of each letter in the selection.  
 (b) Every word starts with a capital letter.  
 (c) All letters are in small letters.  
 (d) The first letter of the sentence is in Capitals as also are the proper nouns.

Ans. (c) All letters are in small letters.

- (v) To ungroup or break apart a group of objects, select the group then go to Format > Group > \_\_\_\_\_ on the menu bar. [1]

- (a) Group (b) Enter group  
 (c) Ungroup (d) None of these

Ans. (c) Ungroup

- (vi) What is the keyboard shortcut to apply the Text body style in Writer? [1]  
 (a) Ctrl + 0 (b) Ctrl + 1 (c) Ctrl + 2 (d) None of these

Ans. (a) Ctrl + 0

4. Answer any 5 of the given 6 questions (1 × 5 = 5 marks)

- (i) \_\_\_\_\_ provides a way to combine data from two or more ranges of cells into a new range while running one of several functions on the data. [1]

- (a) Tools > Consolidate (b) Edit > Consolidate  
 (c) Format > Consolidate (d) Data > Consolidate

Ans. (d) Data > Consolidate.

- (ii) The shortcut \_\_\_\_\_ keys brings up the Function Wizard. [1]

- (a) Ctrl+F1 (b) Ctrl+F2 (c) Ctrl+F3 (d) None of these

Ans. (b) Ctrl + F2

- (iii) The \_\_\_\_\_ tool is just an elaborate form of the Goal seek tool. [1]

- (a) Solver (b) Subtotal (c) Scenario (d) None of these

Ans. (a) Solver

- (iv) In the \_\_\_\_\_ tool, you may maximise, minimise or equal to a value. [1]

- (a) Solver (b) Subtotal (c) Scenario (d) None of these

Ans. (a) Solver

- (v) The Insert > Sheet command will \_\_\_\_\_ a new sheet. [1]

- (a) Insert (b) Delete (c) Update (d) None of these

Ans. (a) Insert

- (vi) Choosing \_\_\_\_\_ opens the Multiple Operations dialog box. [1]

- (a) Tools> Consolidate (b) Edit> Multiple Operations  
 (c) Format> Consolidate (d) Data> Multiple Operations

Ans. (d) Data > Multiple Operations

5. Answer any 5 of the given 6 questions (1 × 5 = 5 marks)

- (i) Which form of DBMS is present due to E.F. Codd of IBM? [1]

- (a) Codd DBMS (b) RDBMS (c) Simple DBMS (d) Flat file DBMS

Ans. (b) RDBMS

- (ii) What does S in HSQLDB stand for? [1]

- (a) Structured (b) Systematic (c) Synchronize (d) None of these

Ans. (a) Structured

(iii) How much storage space is assigned to an Integer in Base? [1]  
(a) 1 byte (b) 2 bytes (c) 4 bytes (d) None of these  
Ans. (c) 4 bytes

(iv) What is the storage space allocated for Time data type in Base? [1]  
(a) 1 byte (b) 2 bytes (c) 4 bytes (d) None of these  
Ans. (c) 4 bytes

(v) Which of the following keys in a table provides a link between two tables? [1]  
(a) Primary key (b) Composite primary key  
(c) Foreign key (d) None of these  
Ans. (c) Foreign key

(vi) Which of the following fields from table design view designates the assumed value for the field, if it is not provided by the user input? [1]  
(a) Entry required (b) Default value (c) Format example (d) None of these  
Ans. (b) Default value

## SECTION B : SUBJECTIVE TYPE QUESTIONS

### Part A : Short Answer Type Questions On Employability Skills

Answer any 3 of the given 5 questions (2 × 3 = 6 marks)

6. Explain the importance of feedback in the process of communication. [2]

Ans. Feedback is essential in communication so as to know whether the receivers have understood the message in the same terms as intended by the speaker. Feedback includes both verbal and non-verbal communication and takes formal and informal terms. Given below are some of the aspects that make feedback so important in any form of communication.

- (a) Feedback completes a communication process.
- (b) Feedback enables us to evaluate the effectiveness of our message.
- (c) Feedback makes communication meaningful.
- (d) Feedback makes the sender of the message know if he/she is really making sense with what he/she is communicating.

7. State any two short-term solutions related to sustainable development. [2]

Ans. Any two short-term solutions related to sustainable development are as follows:

- (i) Illegal deforestation and smuggling of forest resources and minerals should be stopped.
- (ii) People should be encouraged to regenerate forest, quantitatively and qualitatively, to compensate for the loss of forest cover.

8. Explain self-motivation. [2]

Ans. Self-motivation refers to your ability to identify effective methods of getting yourself to move from thought to action. Every human being is different. Some individuals are highly self-motivated while others require the imposition of external deadlines or some type of reward or penalty in order to move from thought to action. Identifying your specific needs in this area is the first step.

9. Explain any two measures to protect the hardware's security and safety. [2]

Ans. To maintain the hardware security and safety, you must follow some guidelines as given below:

- (i) **Computers Must be Kept Clean:** There must be regular cleaning of dust and debris, and also we should avoid eating and drinking near the computer.
- (ii) **Computers Should be Kept at Moderate Temperature:** High or low temperature may damage motherboard's memory and disk drives' memory.

10. Explain why entrepreneurs are 'Enterprising man'. [2]
- Ans. A business does not get started by itself. It is the entrepreneur who takes the risks and is willing to face devastating failure. He braves uncertainty, strikes out on his own, and through native wit, devotion to duty, and singleness of purpose, somehow creates business and industrial activity where none existed before. His values and activities have become integral to corporate culture. So, entrepreneurs are 'Enterprising man'.

### PART B : Short Answer Type Questions On Subject Specific Skills

Answer any 4 of the given 6 questions

(2 × 4 = 8 marks)

11. What are the ways in which a new sheet can be inserted in Calc? [2]
- Ans. There are several ways to insert a new sheet. The fastest method is to click on the Add sheet button. This inserts one new sheet at the point, without opening the Insert sheet dialog box. Use one of these other methods to insert more than one sheet, to rename the sheet at the same time, or to insert the sheet somewhere else in the sequence. The first step for these methods is to select the sheet that the new sheet will be inserted next to. Then do any of the following:
- Select **Insert > Sheet** from the menu bar.
  - Right-click on the sheet tab and click on **Insert Sheet**.
  - Click in an empty space at the end of the line of sheet tabs.
- Each method opens the Insert Sheet dialog box. Here, you can choose to put the new sheet before or after the selected sheet, how many sheets to insert, and what to name a single sheet.
12. How do you delete a template in a document? [2]
- Ans. To delete a template, follow the given steps:
- (i) Click on **File → Templates → Manage Templates** option.
  - (ii) In the **Templates** dialog, select the category that contains the template you want to delete.
  - (iii) Select the template to delete.
  - (iv) Right-click to open the context menu of the template and click on **Delete**. A message box appears and asks you to confirm the deletion. Click on **Yes**.
13. How can you update the Table Of Contents (TOC) in a Writer document? [2]
- Ans. After any changes to the headings, you need to update it manually. Right-click anywhere in the TOC; from the context menu, choose **Update Index**.
- You can also update the index from the Navigator by expanding indexes, right-clicking on Table of Contents, and choosing **Index > Update**.
14. What is the use of first aid? [2]
- Ans. At any moment, you or someone around you could experience an injury or illness. Using basic first aid, you may be able to stop a minor mishap from getting worse. In the case of a serious medical emergency, you may even save a life.
- When you provide basic medical care to someone experiencing a sudden injury or illness, it is known as first aid.
- In some cases, first aid consists of the initial support provided to someone in the middle of a medical emergency. This support might help them survive until professional help arrives.
- In other cases, first aid consists of the care provided to someone with a minor injury. For example, first aid is often all that is needed to treat minor burns, cuts and insect stings.
15. What is data redundancy in terms of database? [2]
- Ans. Data redundancy does not occur in DBMS, every row of the data stored is different from the other. The difference can be brought about by:
- Giving a field which is necessarily different for each of the rows of data.

- Giving a combination of fields that are different between rows of tuples. The former case is that of the field being called a primary key. It is the field that varies from row to row.

16. Explain any two advantages of networking.

Ans. Any two advantages associated with networking are as follows:

[2]

Network

- User Communication:** Network allows users to communicate using emails, social networking sites, video conferencing, etc.
- File Sharing:** By using networking, data or information can be shared or transferred from one computer to another.

### PART C : Descriptive/ Long Answer Type Questions On Subject Specific Skills

Answer any 3 of the given 5 questions

(4 × 3 = 12 marks)

17. How do you copy text from one place to another in Writer?

[4]

Ans. The steps to copy text from one place to another in Writer are as follows:

- Open both the source document and the target document.
- In the source document, select the image to be copied.
- Press Ctrl+C to copy the image to the clipboard.
- Switch to the target document.
- Click to place the cursor where the image is to be inserted.
- Press Ctrl+V to insert the image.

18. Write the steps to create a scenario in Calc.

[4]

Ans. To create a new scenario, follow the given steps:

- Select the cells that contain the values that will change between scenarios. To select multiple ranges, hold down the Ctrl key as you click. You must select at least two cells.
- Choose **Tools > Scenarios**.
- On the **Create Scenario** dialog box, enter a name for the new scenario. It is best to use a name that clearly identifies the scenario. This name is displayed in the Navigator and in the title bar of the border around the scenario on the sheet itself.
- Optionally add some information to the **Comment box**. The example shows the default comment. This information is displayed in the Navigator when you click the Scenarios icon and select the desired scenario.
- Optionally select or deselect the options in the **Settings** section.
- Click on **OK** to close the dialog. The new scenario is automatically activated. You can create several scenarios for any given range of cells.

19. What is antivirus software? What are its functions?

[4]

Ans. An antivirus software is a program that detects, prevents from malicious programs such as viruses. You can protect your system against viruses by using antivirus software, like Avira, Quick Heal, Kaspersky, Norton, McAfee, etc.

An antivirus software performs the following functions:

- It scans every file on the computer.
- It scans all drives and outside pendrive or CD on your computer.
- It scans incoming emails for attached viruses.
- It may detect spyware on your computer.

[4]

20. What are the properties of fields available in Base?

Ans. The properties of fields available in Base are:

- (i) **Entry Required:** The value of this property can be Yes or No. If entry required is Yes, the field cannot be absent i.e. should be necessarily present with a value.
- (ii) **Length:** It designates the length of the value of the field. It is the maximum length that the field can hold.
- (iii) **Default value:** It designates the assumed value for the field, if it is not provided by the user input.
- (iv) **Format example:** To set the field format of that field. It is used to reset the category, format, language and alignment of that particular field.

21. Create the following table *Student\_info*.

[4]

Column name	Data type	Size constraint
Student_Rollno	Varchar	Primary key
Name_of_father	Varchar	25
Name_of_mother	Varchar	28
City_or_town	Text	14

Consider the following table *Student\_info* and write the queries (i) and (ii).

Table: *Student\_info*

Student_Rollno	Name_of_father	Name_of_mother	City_or_town
2212	Vijay Chand	Sheela Kumari	Nizamabad
3321	Madan Dhoni	Kavita Devi	Nematabad
2276	Kushal Pandit	Rera Kumari	Khulna
1166	Rahul Koshiyari	Vimla Devi	Kusumbad

- (i) Write a command to insert a new record with the following values: (3332, 'Dev Kumar', 'Amita Bhandari', 'Dhanbad').
- (ii) Write a query to display all the records of the table *Stud\_info* whose name of father starts with "Vijay".

OR

Write a query to delete the row of the table with the roll number starting with 2.

- Ans. (i) Insert into *Student\_info* Values (3332, 'Dev Kumar', 'Anita Bhandari', 'Dhanbad')
- (ii) Select \* from *Student\_info* where Name\_of\_father like "Vijay\*";

OR

Delete \* from *Student\_info* where Student Rollno like "2\*";

