

SAMPLE PAPER – 8 (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. ($2 \times 3 = 6$ 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. ($2 \times 4 = 8$ 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. ($4 \times 3 = 12$ Marks).

SECTION A : OBJECTIVE TYPE QUESTIONS

1. Answer any 4 out of the given 6 questions

(1 × 4 = 4 marks)

- (i) Rashi is expressing her thoughts by using different facial expressions. What type of communication she is using? [1]
- | | |
|-------------------------------|------------------------------|
| (a) Verbal communication | (b) Non-verbal communication |
| (c) Handwritten communication | (d) Visual communication |

Ans. (b) Non-verbal communication

- (ii) Due to the realisation of importance of sustainable development, now there is a transcending concern for survival of the _____ [1]

- | | |
|-----------------------|---------------------|
| (a) Trees | (b) Flora and fauna |
| (c) People and planet | (d) None of these |

Ans. (c) People and planet

- (iii) _____ is a software that gets installed on the computer without the user's knowledge. [1]

- | | | | |
|-------------|-------------|------------|-------------------|
| (a) Spyware | (b) Malware | (c) Adware | (d) None of these |
|-------------|-------------|------------|-------------------|

Ans. (a) Spyware

- (iv) The concept of sustainable development is subject to _____ [1]

- | | |
|---------------------|-------------------|
| (a) Criticism | (b) Self-respect |
| (c) Self-motivation | (d) None of these |

Ans. (a) Criticism

(v) _____ refers to your knowledge and understanding of yourself-your emotions, beliefs, values, biases, knowledge base, abilities, motivations, interests, etc. [1]

Ans. (a) Self-dedication (b) Self-motivation (c) Self-awareness (d) None of these
(c) Self-awareness

(vi) An entrepreneur is the builder of _____. [1]

Ans. (a) Economic growth (b) Eustress (c) Leader (d) None of these
(a) Economic growth

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

(i) A _____ is an online diary. [1]

Ans. (a) Article (b) Text (c) Blog (d) None of these
(c) Blog

(ii) Which of the following is not a type of hazard? [1]

Ans. (a) Biological hazard (b) Chemical hazard (c) Ergonomic hazard (d) Natural hazard
(d) Natural hazard

(iii) The physical components of a computer are called _____ devices. [1]

Ans. (a) Hardware (b) Software (c) Keylogger (d) None of these
(a) Hardware

(iv) WiMax stands for _____. [1]

Ans. (a) Worldwide Interoperability for Microsoft Access
(b) Worldwide Interoperability for Microwave Access
(c) Worldwide Internet for Microwave Access
(d) None of these
(b) Worldwide Interoperability for Microwave Access

(v) A computer which is responsible for providing services to others is called _____. [1]

Ans. (a) Laptop (b) Client (c) Server (d) None of these
(c) Server

(vi) Which of the following falls in the category of emergency? [1]

Ans. (a) Earthquake (b) Tornadoes (c) Both (a) and (b) (d) None of these
(c) Both (a) and (b)

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

(i) _____ is the shortcut keys combination to copy a table from one place to another in a word processor. [1]

Ans. (a) Ctrl+C (b) Ctrl+X (c) Ctrl+P (d) None of these
(a) Ctrl+C

(ii) Which of the following opens the Templates dialog? [1]

Ans. (a) File > New > Text Document (b) File > New > Templates
(c) Format > Group > Group (d) None of these
(b) File > New > Templates

(iii) Name the dialog box from which it is possible to crop an image by specifying the four margins in a document. [1]

Ans. (a) Picture dialog box (b) Image dialog box
(c) Image Properties dialog box (d) None of these
(c) Image Properties dialog box

(iv) In what way can you launch the Drawing tool bar, if not available on the interface?

- (a) View > Toolbars > Drawing (b) Insert > Drawing [1]
(c) Insert > Group > Drawing (d) Insert > Group > Drawing

Ans. (a) View > Toolbars > Drawing

(v) What is the deck known as from the sidebar where the styles can be selected in a document? [1]

- (a) Styles (b) Properties (c) Page (d) None of these

Ans. (a) Styles

(vi) After the document has been modified, clicking on which option will update the Table of Contents? [1]

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

Ans. (b) Update index

4. Answer any 5 of the given 6 questions

(1 × 5 = 5 marks)

(i) The _____ tool is just an elaborate form of the Goal seek tool. [1]

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

Ans. (b) Solver

(ii) How can you edit an already entered comment in a cell? [1]

- (a) By right-click and clicking on Edit comment
(b) By double-click on cell
(c) By typing into formula bar
(d) None of these

Ans. (a) By right-click and clicking on Edit comment

(iii) What is the name given to a combination of relative and absolute cell reference? [1]

- (a) Relative reference (b) Absolute reference (c) Mixed reference (d) None of these

Ans. (c) Mixed reference

(iv) Under the Multiple Operations feature in a spreadsheet, you may create _____ based on different input values. [1]

- (a) One output (b) Random outputs (c) Multiple outputs (d) None of these

Ans. (c) Multiple outputs

(v) The Consolidate option is part of the: [1]

- (a) Edit menu (b) Insert menu (c) Data menu (d) None of these

Ans. (c) Data menu

(vi) What is the name of the cell into which data being typed in will be entered? [1]

- (a) Active cell (b) Cell (c) Worksheet (d) None of these

Ans. (a) Active cell

5. Answer any 5 of the given 6 questions

(1 × 5 = 5 marks)

(i) _____ allow you to add, update and delete the data in the database one by one. [1]

- (a) Reports (b) Queries (c) Forms (d) None of these

Ans. (c) Forms

(ii) A collection of related records is known as: [1]

- (a) A file (b) A database (c) A table (d) None of these

Ans. (a) A file

(iii) What is output by the SQL query: `SELECT 1 * 2?` [1]

- (a) 2 (b) 4 (c) 8 (d) 16

Ans. (a) 2

- (iv) _____ as in English is a question or a search within the database. [1]
 (a) Report (b) Query (c) Form (d) None of these
- Ans. (b) Query
- (v) SQL stands for _____ [1]
 (a) Systematic Query language (b) Structured Query Language
 (c) System Query Language (d) None of these
- Ans. (b) Structured Query Language
- (vi) Which of the following relations is most likely NOT 1:1? [1]
 (a) Student-Teacher (b) Student-Roll Number
 (c) Student-Rank in a given year (d) None of these
- Ans. (a) Student-Teacher

SECTION B : SUBJECTIVE TYPE QUESTIONS

Part A : Short Answer Type Questions On Employability Skills

Answer any 3 of the given 5 questions

6. What is prescriptive feedback? (2 × 3 = 6 marks)

Ans. Prescriptive feedback provides you advice on how you should communicate. For instance, after a speech which you believe was ineffective, you ask your teacher, "Mam, how was my speech?" Your teacher responds saying "You spoke very fast and your pronunciation was not clear. You should slow down your speaking speed, and also practice your pronunciation." [2]

7. Explain any two functions of an entrepreneur.

Ans. Any two functions of an entrepreneur are as follows: [2]

(i) **Decision making: Includes:** (a) Stabilising organisation's aims and objectives and changing them according to changing conditions or to make them more profitable, (b) Division of work among subordinates, (c) Utilisation of financial resources, (d) Taking decisions on effective techniques, (e) Selling the product as per demand of customers, (f) Relationship with social functionaries.

(ii) **Organisation and management:** To organise and manage various economic and human factors. Under this category, following are his functions: (a) Planning the enterprise, (b) Coordination and control, (c) Supervision and (d) Direction.

8. What is stress? [2]

Ans. Stress is a very powerful force that involves awareness, attention and energy. It can be managed to empower you. But if you let stress control you, the resulting distress can be harmful not only to your body, mind, and spirit but also to your self-esteem and confidence level. Each individual has his/her own symptoms of stress. So it is important to first understand what causes stress in you and what symptoms does your body show. [2]

9. What is the use of Disk CleanUp? [2]

Ans. Disk Cleanup is a part of system tools in Windows 7 which helps you to remove unnecessary files from your hard disk to free up disk space. It removes all the downloaded programs and other files which are not being used for a long time. It also empties the Recycle bin files. Disk Cleanup helps your computer to run faster. [2]

10. Explain any one problem related to sustainable development.

Ans. Any one problem related to sustainable development is the poor management of natural resources, combined with growing economic activities that continue to pose serious challenges to environment. The problem arises because people, institutions and governments have failed to evolve mechanism and policies to strike a balance between development and conservation of resources and preservation of environment. The failure to address environmental challenges will reduce the capacity for long-term development. [2]

These injuries can be avoided easily by some basic training on proper lifting techniques and maintaining a correct posture while working on a computer system.

- (ii) **Being hit by falling objects:** At the workplace, it may happen some objects may fall on you from shelves or out of the cupboard, causing some nasty injuries. Providing adequate storage cages and reminding employees of how to store items safely can go a long way to reducing this risk.
- (iii) **Crashes and collisions:** Accidents resulting in crash or impact injuries are also quite frequent at work. Whether they involve cars, lorries or even smaller vehicles such as forklift trucks they can have seriously nasty consequences. It's therefore up to employers to ensure that seatbelts and other safety precautions are both in place and in use where appropriate.

21. Create the following table Cricketers.

Column name	Data type	Size constraint
PlayerID	Varchar	5
Name	Varchar	25
Runs	Integer	5
Wickets	Integer	4

Consider the following table Cricketers and write the queries (i) and (ii).

Table: Cricketers

Player ID	Name	Runs	Wickets
SA2332	Jacques Kallis	12321	320
IND331	Javagal Srinath	2200	380
PAK331	Wasim Akram	3500	458

- (i) Write a command to insert a new record with the following values: ('NZ3321', 'Ken Rutherford', 7000, 5)
- (ii) Write a query to display all the records of table Cricketers whose Runs is more than 5000 and wickets is more than 100.

OR

Write a query to update the Wickets from 380 to 392. Also, write a query to delete the 3rd record of the table.

- Ans. (i) Insert into Cricketers Values ('NZ3321', 'Ken Rutherford', 7000, 5);
 (ii) Select * from Cricketers WHERE Runs > 5000 And Wickets > 100;

OR

Update Cricketers Set Wickets = 392 WHERE Wickets = 380;

Delete * From Cricketers Where PlayerID = 'PAK331';

