402 IT Practice Paper-3

SECTION A: OBJECTIVE TYPE QUESTIONS

Q1. **Answer any 4 out of the given 6 questions on Employability Skills**

   i. c

   ii. a

   iii. c

   iv. b

   v. c

   vi. c

Q2. **Answer any 5 out of the given 6 questions**

   i. c

   ii. c

   iii. c

   iv. d

   v. a

   vi. a

Q3. **Answer any 5 out of the given 6 questions**

   i. c

   ii. b

   iii. c

   iv. b

   v. d

   vi. b

Q4. **Answer any 5 out of the given 6 questions**

   i. c

   ii. d

   iii. d

   iv. a

   v. b

   vi. c

Q5.   Answer any 5 out of the given 6 questions

   i. b

   ii. a

   iii. a

   iv. d

   v. a

   vi. c

SECTION B: SUBJECTIVE TYPE QUESTIONS

Q6.

a. **Physical Exercise:** Outdoor games like running, hiking, etc. contribute to happiness and confidence. Regular exercise increases self-confidence and lowers the risks of depression and anxiety.

b. **Friends/Family:** The human beings you spend time with having a huge influence on your vanity. Your friends can help you to build up your self-confidence, self-image, and self-respect, or they can bring you down.

Q7. Specific, Measurable, Achievable, Realistic, Time bound

Q8.

Spam are the unwanted mails usually sent by advertising companies. These mails get stored in SPAM folder automatically. We should not open such mails and delete it on a regular basis.

Q9.

Spyware is a program which infects and collects information of the computer without the owner's knowledge or consent. A spyware generally infects a computer system by getting transmitted through Internet via websites, webpages or emails. It intrudes into a computer and silently steals the data of the computer. In other words, it refers to that kind of software which can track the activities of a computer system and report to the users. Keylogger is an example of a spyware.

Q10.   a. Chance to do something you love

          b. Chance to become a change maker and contribute to society

Answer any 4 out of the given 6 questions in 20 – 30 words each

Q11. OpenOffice.org provides several ways to modify styles (both the predefined styles and custom styles that you create):

● Updating a style from a selection

● Load or copy styles from another document or template

Q12.

Hyperlinks can be stored within your file as either relative or absolute.

a. An absolute link will stop working only if the target is moved. It contains the complete URL.

b. A relative link will stop working only if the start and target locations change relative to each other. For instance, if you have two spreadsheets in the same folder linked to each other and you move the entire folder to a new location, a relative hyperlink will not break.

Q13.

The Subtotal command is used to automatically create groups and apply inbuilt functions like Sum, Count, Average, etc. to summarize data. For example, suppose there is a worksheet containing the list of students of a school and the students belongs to four different houses. Now, if we want know how many students are there in each house, we can use the Subtotal command to easily know the number of students in each house.

Q14.

RDBMS: A relational database is defined as a collective set of multiple data sets organized into tables, records and columns, thus it establishes a well-defined relationship between database tables. Tables can share information, which facilitates data searchability, organization and reporting. A Relational database use Structured Query Language (SQL), application that provides an easy programming interface for database interaction.

Q15.

Data Redundancy means duplication or repetition of data. It means storage of the same data in multiple places. It leads to increase in the size of the database as well as database inconsistencies.

Q16.

Computer Accessibility refers to the user support of a computer system for all the users even if they have some disability. This is mainly a software technique where a combination of hardware and software lets a person with a disability or impairment to use a computer. It is known as Assistive Technology.

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

Q17.

a. Resizing is the process of altering the image size without cutting any part of the image. When resizing an image, we change the dimension of the image so that it fits in the desired area.

b. A template is a document that contains pre-defined formatting styles, graphics, tables, objects, and other information that are commonly used in a particular pattern. Thus, it saves our time too. We can create template to design a pattern for leave application, online form, brochure, front page of our project, etc. A template is used for creating other documents.

Q18.

Data consolidation option enables a user to collect and integrate data from multiple worksheets or workbooks into a single worksheet. Steps to consolidate data:

● Open the worksheets that contain the data to be consolidated.

● Click the 'Data' menu. Select 'Consolidate' from the sub-menu.

● Click the 'Source Data Range' dialog box. Select the source range from the worksheet to be consolidated and then click the 'Add' button.

● Select additional ranges from different worksheets and click the 'Add' button again for each selection.

● Select the desired function (Sum, Product, etc.) from the 'Function' box according to the type of operation to be performed on the data.

● Select the target cell range in which all the data are is required to be consolidated.

● Click the 'OK' button. The data gets consolidated.

Q19.

VendorID	VName	Cart_Cost	Location
V001	Mother Dairy	1100	Delhi
V002	Havmor	1500	Gujrat
V003	Amul	2200	Kolkata
V004	Kwality Walls	800	Dehradun

a. Create table Icecream with given fields in above table with suitable data types. Also decide the Primary Key field.

b. Write a SQL command to add a new row with the following details ("V005", "Vadilal", 700, "Pune")

c. Write a Query to display all records of the table Icecream whose cart_cost is more than 1500.

d. Add a new field date_of_delivery with suitable data type.

Q20.

a. While making any payment online via virtual payment gateways, it is always advised to choose the OTP (one-time-password) option instead of passwords or 3D pin

b. Use to install advanced anti-malware program.

c. Phishing is usually done through e-mail. The goal is to steal sensitive data like credit card and login credentials or to install malware on the victim's machine.

d. Cookies can be tracked and misused by unauthorized users, to possibly gain access to the stored personal information. Therefore, after completing the work refresh the operation before leaving the computer for others to use.

Q21.

a. Credit, debit card or by internet banking, etc.

b. • A customer does not have sufficient time to visit stores.

  • Visiting a store is more expensive than purchasing a product online.

  • A product or service that is not available in the local market is available online. etc

c. Flipkart, Amazon, Myntra, etc.

d. Cash on Delivery