DAV PUBLIC SCHOOL,MCL,KALINGA AREA
SAMPLE PAPER-2 (2020-21)
INFORMATION TECHNOLOGY (SUBJECT CODE-402)
STD-X

Max. Time: 2 Hours   **Max. 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 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: OBJECTIVE TYPE QUESTIONS

Q.1 Answer any 4 out of the given 6 questions on Employability Skills (1 x 4 = 4 marks)

i. Rohan wants to share his thoughts with others by using anything other than words. Which communication method he should use?
    a) Verbal communication   b) Non-verbal communication
    c) Visual communication   d) None of these

ii. Which of the following is a systematic effort to direct thoughts, feelings, and actions towards the attainment of one's goals?
    a) Self-Motivation   b) Self Discipline
    b) Self Awareness   d) Self-Regulation

iii._____ can be used in Excel to retain some particular records as visible on the excel sheet.
    a) Sorting   b) Filter   c) Functions   d) Formulas

iv. .Which of the following are the function of an entrepreneur.
    a)Innovation   b) Risk taking   c)Decision making   d) all of these

v. Which of the following shows your ability to participate as a member of a team?
    a) Oratory skills   b) Interpersonal skills   c) Communication skills   d) None of these

vi. Mary buys bulbs for her business from Noida. She learns that bulbs are cheaper in Faridabad. So, she decides to start buying bulbs from there.
    a) Makes decisions   b) Divides income   c) Takes risk   d) None of these

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

i. Rahul has done some mistakes while typing a document. Which option should he use to correct the mistake(s)?

      a) Paragraph alignment   b) Page setup

      c) Headers and Footers   d) Spelling and Grammar check

ii. Which of the following shortcut key is used for selecting a Vertical Block of Text ?

      a) Alt+Ctrl+f12   b) Alt+Shift+f8   c)Shift+Ctrl+f9   d) None of these

iii. _____means selling and purchasing goods on internet.

      a) Internet   b) E-commerce   c)E-Shopping   d) None of these

iv._____ refers to the amount of data that a signal can carry?

      a) Bandwidth   b) Broadband   c) Cable   d) None of these

v.The _____ is located at the top ,shows the name of the current spreadsheet..

      a) Formula bar   b) Title bar   c) Status bar   d) Active cell

vi. Which of the following options are available in the lower part of the create scenario dialog box?

      a) Copy in   b) Copy out   c) Copy back   d) None of these

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

i. The Ctrl+1 shortcut by default applies the:

      a) Text body style   b) Heading 1 style   c) Heading 2 style   d) None of these

ii. In order to edit an individual item from an image group, you must click on

      a)Exit group   b) Enter group   c) Ungroup   d) None of these

iii. In calc, if you take multiple inputs for an equation and produce as many outputs, it is known as:

      a) Goal seek   b) Consolidation   c) Multiple operations   d) None of these

iv. Arguments passed to a macro from Calc are always:

      a) Values   b) references   c) Objects   d) None of these

v. The Consolidate option is part of the

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

vi. Which of the following is not an offline blog editor?

      a) Word press   b) Qumana   c) BlogDesk   d) None of these

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

i. From the templates dialog, right-clicking on the template does NOT give which of these?

      a) Open   b) Set As Default   c) Create Category   d) None of these

ii._____ in a word processor is a combination of font effects,colors and background such that it can be saved and applied whenever needed into the writer document.

      a) Styles   b) Template   c) Table   d) None of these

iii. Google Hangouts and Skype are _____ based software.

      a) Application   b) Web   c)User   d)None of these

iv._____ allows electronic devices to exchange data wirelessly over network?

      a) WiMax   b) Wi-fi   c) Wifi Hotspot   d) None of these

v. Within which menu item from menu bar, does the Table of Contents, Index or Bibliography dialog box open up?

      a) Insert menu   b) Format menu   c) Tools menu   d) None of these

vi. The size of integer field is always

      a) 2 byte   b) 4 byte   c) 8 byte   d) 1 byte

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

i. What is the singular form for data?

      a) Datan   b) Datas   c) Datum   d) None of these

ii. A column within a table that contains only one type of information is called a :

      a) Record   b) File   c) Field   d) None of these

iii.How much space does the Bigint data type hold in DataBase?

      a) 4 bytes   b) 8 bytes   c) 6 bytes   d) None of these

iv._____ allow you to add,update and delete the data in the database, one by one.

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

v. Which of the following is not a database object?
     a) Tables   b) Queries   c) Relationships   d) Reports

vi. A collection of related record is known as:
     a) Database   b) File   c) Field   d) None of these

SECTION B: SUBJECTIVE TYPE QUESTIONS

A.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 the components of communication cycle?   [2]

Q.7 Explain briefly survival stress   [2]

Q.8 How would you set the password protection in a document?   [2]

Q.9 State the characteristics of entrepreneurship?   [2]

Q.10 What is the meaning of sustainable development?   [2]

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

Q.11 How can you group drawing objects part of a page on writer?   [2]

Q.12 How many views are available in Excel?   [2]

Q.13 What are the rules for naming of libraries,modules and macro names?   [2]

Q.14 What do you mean by instant messaging?   [2]

Q.15 Differentiate between LAN and MAN.   [2]

Q.16 Define the following Hot spots:-   [2]
     a) Router   b) Gateway

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

Q.17 Elaborate, how can you delete a template that is part of Writer?   [4]

Q.18 Define the following: [4]
     a) Absolute Cell Reference   b) Mixed Cell Reference

Q.19 What is Switching techniques? Differentiate between Circuit Switching and Packet Switching?   [4]

Q.20 How many data base object? Explain briefly.   [4]

Q.21 Consider the following table **Hospital** and answer the following.   [4]

Hospital

ID	Department	Days	Name
H201	ENT	MWF	Ashutosh Mallick
H308	Orthopedic	TTS	Mushkan Singh
H907	MD	MWF	Aditya Vikram

a) Write an SQL query to add primary key in the field of ID.

b) Write an SQL query to add new record with the following data('H608', 'Cardiology', 'TTS', 'Pranav Kumar');

c) Write an SQL query to display the details of those doctors whose days are 'MWF'.

d) Write an SQL query to display the list of those doctors whose names are started with letter A.

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