

Foundation of Information Technology
Sample Question Paper
(Code : 165)
Class IX
TERM-I

Time: 3hours

M.M.: 80

SECTION A

- 1 Yogyata has made documentation manual for her new 3D game. The content is ready but she wants to add attractive borders on each page. Name the feature of the Word Processor, which will help her to achieve the same without devoting much time to designing.
- 2 Ramanuj Saman is interested in storing data in an organized manner of his monthly expenditure for a period of one year in his annual budget document. He does not wish to perform any calculations and analysis. Which feature of a word processor will you suggest Ramanuj to use for this purpose?
- 3 Name the type of printer to be used for printing text and graphics together with high speed but at low cost.
- 4 Name the input device used to sense and read thick and thin black stripes present on the items usually sold at supermarkets.



- 5 Ms. Menon has bought a new Inkjet printer. She has connected it to her computer with the help of a USB cable and has switched the printer on. Now, when she is giving the Print command, the printer is not printing, what else is Ms. Menon required to do?
- 6 Phantom is a computer programmer, who is developing a small software for a retail chain. Unfortunately, the shop owner is not able to provide him an internet connection; Phantom carries different modules of this software, installs in the computers connected in various shops and carries sample data back with him for testing. Which storage device will you suggest to him to use for this purpose? This device should have high storage capacity and should be re-writable.

- 7 Taruni Dhar, a chemistry teacher is typing her Chemistry Assingment and she needs to type in chemical representation of Sulfuric Acid as H₂SO₄. But, when she is typing, it is appearing as H2SO4. Which formatting feature will help her to see 2 and 4 numbers in the desired format.
- 8 Kanan Ajawani is a computer professional and has started writing a book on his own "Experiences on Computer". He does not have a good command in English Language and cannot afford to hire an editor for the book, which two features of Word Processor he should use for basic language corrections.
- 9 Raabyaanka has setup a new Desktop Publishing business. She feels that she should try out a few software and see their strengths and weaknesses before purchasing them. Which category of software out of proprietary or shareware will serve her purpose for the trial?
- 10 Name the toolbar, which has all the options of changing the font properties.
- 11 Name the tool of a word processor that helps in copying formats and applying it to selected text.
- 12 Name a feature of a word processor, to help the Computer Operator to add Graphical Images in the documents.
- 13 Compare free open source software and proprietary software with respect to customization of software and license fee.
- 14 Navleena is interested in transferring few Songs from her mobile phone to Satyam's mobile phone. Suggest two suitable and simplest wireless options she may opt for doing the same.
- 15 Jolly Picson is a steno in a company, she wants to create a draft letter with spaced out lines for her boss, to read and correct the same. Also she wants to use pound sign £ in the letter. Suggest, which two features of Word Processor, she should use for the same.

Let us assume the Actual Content is follows:

Dear Sir,

With reference to your letter KTNR/PQ/2010-11/124 dated 23-June-2010, I am here to submit the response. Our gadget RT-2134 is made for electric supply of 110 Volts and will not work at 220 Volts. Special switch fitted inside the gadget trips when it gets a supply of 220 Volts. Kindly use appropriate converter to use our gadget. If you need our engineer to come to rectify the problem, the additional charges will be £4500. We assure you for further assistance if so required.

Thanks for using our gadget.

Sincerely Your

Ramtan Jhangaari

It should appear as this for quick correction by the boss

Dear Sir,

With reference to your letter KTNR/PQ/2010-11/124 dated 23-June-2010, I am here to submit the response. Our gadget RT-2134 is made for electric supply of 110 Volts and will not work at 220 Volts. Special switch fitted inside the gadget trips when it gets a supply of 220 Volts. Kindly use appropriate converter to use our gadget. If you need our engineer to come to rectify the problem, the additional charges will be £4500. We assure you for further assistance if so required.

Thanks for using our gadget.

Sincerely Your

Ramtan Jhangaari

- 16 Differentiate between RAM and ROM
- 17 Differentiate between File and Folder
- 18 Which of the following is essentially required for recording and playing back audio in a computer system:
 - a) Bar Code Reader
 - b) MICR
 - c) Microphone
 - d) Printer
 - e) Digital Camera
 - f) Speaker
 - g) Joystick
 - h) Light Pen
- 19 Which device can be used to click and directly save a photo in JPG format? Also mention which port of the computer system is normally used to connect this device?
- 20 Differentiate between a text editor and a word processor.
- 21 Arrange the following memory units in ascending order of their storage capacities.
Kilo Byte, Byte, Tera Byte, Mega Byte
- 22 From the following list identify the features which are available in a Word Processing Software:
 - i) Spell Check facility
 - ii) Auto Correct feature
 - iii) Adding Voice over and Animation
 - iv) Adding Watermarks/Backgrounds
 - v) Macros
 - vi) Numerical Calculations

- 23 Identify which of the following can be categorized as Secondary Memory devices:
- a) Keyboard
 - b) Printer
 - c) Hard Disk
 - d) CD ROM
 - e) Mouse
 - f) Plotter
 - g) DVD
 - h) Pen Drive
- 24 Ms. Meeramani has recently joined a construction company as Marketing Executive. She wants to create a report on her accomplishments. Using your documentation skills, suggest the features to accomplish the following:
- i) Add the page number at the bottom of each page.
 - ii) Add the company name as a background on each page.
 - iii) Mention her achievements as a numbered list
 - iv) Mention the advantage of her working strategy in comparison to earlier plan in a grid format
 - v) Review the document before finally printing it.
- 25 Name one specific software/tool for each of the following category:
- a) Antivirus software
 - b) Encryption Tool
 - c) Operating System
 - d) Disk Utility Software
 - e) Browser
- 26 Identify the correct application software (out of Accounting Management, Reservation System, HR Management, Attendance System, Payroll System, School Inventory Control System, Billing System) for performing the following tasks/places:
- a) Restaurant food order counter
 - b) Daily Employee Presence and Absence Record Monitoring
 - c) Computation of salary of workers
 - d) Managing records of Purchase and Issue of items in school
 - e) Budgeting and Maintenance of Financials in an organization
 - f) Booking for air tickets

27 Following is a text document containing a letter. The line numbers are given on the right hand side of the lines of the document. Observe the following document and answer the questions from (i) to (iii):

From:

Customer Help Manager,
Fountain Spray Corporation,
New City

Date: 31st March, 2009

To,

Yanran Philip
R-900, Jalyaan Vihar
King Nagar

Subject: Reply to Complaint no. A-349562

Dear Madam

This is with reference to your complaint no **A-349562** with regard to our Automatic Spray System Model 978. We would like to inform you the following:

1. The defect informed by you is not covered in our Warranty Terms.
2. The defective part is required to be imported from Japan.
3. As a privileged customer of ours, company will be able to give 50% discount on the part along with free installation at your premises.

Kindly let us know your decision in this regard.

In your best service!

Sincerely Your



Anika Palan

CustCare@AutoSpray.com

www.AutoSpray978.com

- i) From the above document, identify the lines and write the line numbers for:
 - a. line(s) that are right aligned.
 - b. line(s) that are justified.
 - c. line(s) that are using the Italics feature to format text.
 - d. line(s) that are using the Bold feature to highlight text.

- e. line(s) that are using the Underline feature to highlight text.
 - f. line(s) that have used the center alignment feature to improve the presentation of text.
 - g. line(s) that have used the numbered list feature to improve the presentation of text.
 - h. line(s) that contains an e-mail address.
- ii) The manager wants to check the spellings and grammatical errors made by him before finally sending the letter. Name the feature which will help the manager achieve the same.
 - iii) Name the feature used to insert the signature of the Customer Help Manager In line 28.

SECTION B

28. A Bank Cheque or Bank Draft generally contains a specially printed number on it. Which of the following technique is used to read the special characters:

- a) MICR
- b) OCR
- c) OMR
- d) Light Pen

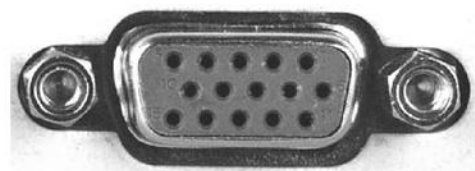


29. You want to apply to an institution for a scholarship and you want to email them your application along with the copies of your certificates. Which of the following device you prefer to capture the Digital Copy of your certificates to be attached with your application:

- a) Joystick
- b) Scanner
- c) Printer
- d) Light Pen

30. This is a port generally found at the back side of your CPU. Identify the device, which we connect at this port:

- a. Printer
- b. Keyboard
- c. Mouse
- d. Monitor



31. Out of the following, who do you think is the most probable user of a Light Pen?

- a) Computer Programmer

- b) Graphic Designer
 - c) Artist
 - d) Computer Operator
32. Antivirus Software is an example of:
- a) Application Software
 - b) Office Software
 - c) Operating System
 - d) Utility Software
33. Suppose you have bought all hardware components required for assembling a Computer. After assembling the Computer System, which will be the very first software to be installed:
- a) Hardware Drivers
 - b) Operating System
 - c) Anti Virus Software
 - d) Word Processing Software
34. Which of the following is not a function of an operating system?
- a. File Management
 - b. Memory Management
 - c. Resource Management
 - d. Database Management
35. Which of the following is/are GUI based Operating System:
- a. MS DOS
 - b. UNIX
 - c. Windows 3.1
 - d. Windows Vista
36. In a document, in order to type '2' in the mathematical expression $A.X^2+B.X+C=0$, which one of the following options you would use?
- a) Insert Clipart
 - b) Subscript
 - c) Italics Style
 - d) Superscript
37. In a document, Sachin has to change all occurrences of the word 'Calcutta' with 'Kolkata'. Which one of the following options is most appropriate to do the task:
- a) Copy & Paste

- b) Find & Replace
 - c) Cut & paste
 - d) All of the above
38. Members of 'Nibbles & Bytes', the computer club of a school wants to prepare and print a list of Participating Schools in their annual interschool symposium using a word processor. Which of the following office techniques is most appropriate to get the desired results:
- a) Copy & Paste
 - b) Inserting Symbols
 - c) Bullets & Numbering
 - d) Cut & Paste
39. Rehman is typing his Science Project on 'Sustainable Development' using word processing software. He wants to add the phrase 'Sustainable Development' at the top of each page. Which option he should use:
- a) Footer
 - b) Header
 - c) Watermark
 - d) Bullets
40. A student wants to create a 'Digital Story Collection' on the famous storyline 'Rabbit & the Tortoise'. He has downloaded some images of Rabbit, Tortoise and forest. He wants to add Watermarks, stylish text and images but is not interested in any animation. Which one of the office tool he should use:
- a) Word Processing Software
 - b) Presentation Software
 - c) Spreadsheet Software
 - d) Database Management System
41. Which of the following actions can be performed using the Page Setup option of a Word Processor Tool?
- a. Margins
 - b. Paper Size
 - c. Page Orientation (Landscape or Portrait)
 - d. All of the above
42. To store a file having 20 MB size, which of the following devices can't be used:
- a) Floppy Disk
 - b) CD

- c) DVD
- d) Pen Drive

43. Sam Niza, who was born in 1995, is thinking of a password for her online bank account. Which one of the following you would suggest for strengthening the security of her account:

- a) sam95
- b) a99p54c66
- c) samniza1995
- d) sam1995

Foundation of Information Technology
Marking Scheme
(Code : 165)
Class IX

Time: 3hours

M.M.: 80

SECTION A

- | | | |
|----|---|---|
| 1 | Page Borders | 1 |
| | <i>(1 mark for the correct answer)</i> | |
| 2 | Tables are most suitable for storing and organizing any kind of numerical data. | 1 |
| | <i>(1 mark for the correct answer)</i> | |
| 3 | Colour Laser printers are most suitable for uses involving high-speed quality prints at low cost. | 1 |
| | <i>(1 mark for the correct answer)</i> | |
| 4 | Barcode Reader | 1 |
| | <i>(1 mark for the correct answer)</i> | |
| 5 | Ms. Menon needs to install the driver software for the new printer. | 1 |
| | <i>(1 mark for the correct answer)</i> | |
| 6 | Flash drive | 1 |
| | <i>(1 mark for the correct answer)</i> | |
| 7 | Subscript feature | 1 |
| | <i>(1 mark for the correct feature)</i> | |
| 8 | Spelling & Grammar and Thesaurus features | 1 |
| | <i>(½ mark for naming the two features correctly)</i> | |
| 9 | Shareware | 1 |
| | <i>(1 mark for the correct answer)</i> | |
| 10 | Formatting toolbar. | 1 |
| | <i>(1 mark for the correct answer)</i> | |
| 11 | Format Painter / Paintbrush | 1 |
| | <i>(1 mark for the correct answer)</i> | |

- 12 Inserting Pictures 1
(½ mark for each correct cell name)
- 13 With respect to customization, the free open source software is better as the user can customize it according to his needs due to the availability of the source code.
 With respect to license fee, the free open source software is better as the user need not pay any licensing fee to the developer company for using the software. The software is free to be downloaded and used. 2
(1 mark for each correct comparisons)
- 14 Bluetooth and Infrared 2
(1 mark for each correct wireless option)
- 15 Jolly should use Line spacing and Insert Symbol features. 2
(1 mark for naming each of the two features correctly)
- 16 Random Access Memory is volatile temporary memory which can be read and written to whereas the Read Only Memory is permanent memory which can only be read. 2
(2 marks for any one correct differentiation point between the two)
- 17 A file is an independent document (text file, executable file, word processor document, presentation document etc) of a specific type whereas a folder is a placeholder for storing many files of different types and folders. 2
(2 marks for any one correct differentiation point between the two)
- 18 Microphone and Speaker 2
(1 mark each for naming the two correct components)
- 19 A Digital Camera can be used to click and directly save a photo in JPG format. A USB port/ firewire is normally used to connect this device to the computer system. 2
(1 mark for naming the correct device) + (1 mark for naming the correct port)
- 20 A text editor simply allows unformatted text content which can be read and edited whereas a word processor allows formatting capabilities such as bold, italics, paragraph justification, line spacing etc. 2
(2 marks for any one correct differentiation point between the two)
- 21 Byte, Kilo Byte, Mega Byte, Tera Byte 2
(½ mark for each correct unit order)
- 22 Spell Check facility, Auto Correct feature, Adding Watermarks/Backgrounds and Macros are the features available in a Word Processor 4
(1 mark for each correctly named feature)
- 23 Hard Disk, CD ROM, DVD and Pen Drive are Secondary Memory devices. 4
(1 mark for naming each device correctly)

- 24
- i) Footer
 - ii) Watermark
 - iii) Bullets and Numbering
 - iv) Tables
 - v) Print Preview

5

(1 mark for each correct feature)

- 25
- a) Vipre
 - b) WinZip
 - c) Linux
 - d) Disk Defragmentor
 - e) Mozilla Firefox

5

(1 mark for naming each correct software/tool)

- 26
- a) Billing System
 - b) Attendance System
 - c) Payroll System
 - d) School Inventory Control System
 - e) Accounting Management
 - f) Reservation System

6

(1 mark for identifying each correct software type)

- 27
- i)
 - a. Line 5 is right aligned.
 - b. Lines 14,15,19 & 20 are justified.
 - c. Line 15
 - d. Lines 2, 7 & 14 have used the Bold feature.
 - e. Line 20
 - f. Line 11
 - g. Lines 17-21
 - h. Line 31

10

(1 mark for the correct answer of each of the parts a-h)

- ii) Spelling and Grammar feature may be used.

(1 mark for the correct answer)

- iii) Insert picture feature has been used to insert the signature of the Customer Help Manager.

(1 mark for the correct answer)

SECTION B (MCQ)

(16)

Answers (MCQ)

- 28. a
- 29. b
- 30. d
- 31. b
- 32. d
- 33. b
- 34. d
- 35. d
- 36. d
- 37. b
- 38. c
- 39. b
- 40. a
- 41. d
- 42. a
- 43. b

(1 mark for each correct answer)

Foundation of Information Technology
Sample Question Paper
(Code : 165)
Class X
TERM-I (2010-11)

Time: 3hours

M.M.: 80

SECTION A

1. Fill in the blanks: [10]
 - 1.1 Internet is a network of _____ .
 - 1.2 Primary key is used to _____ identify the records in a table.
 - 1.3 In a text type data field, we can put maximum _____ characters.
 - 1.4 The address or location of the document on the world wide web is called its _____ .
 - 1.5 _____ allows customers to conduct financial transactions on a secure website.
 - 1.6 Web pages on a site are linked together through a system of _____ .
 - 1.7 _____ is the smallest part of a table in which one data item can be kept.
 - 1.8 _____ is a software used to view web pages.
 - 1.9 _____ is a collection of related information.
 - 1.10 _____ is a field when used as a primary key , numbers each record sequentially.

2. State True and False: [10]
 - 2.1 A Database can have only one table.
 - 2.2 Memo data type allows you to store character type values in the table.
 - 2.3 TCP helps in converting the digital signal to analog signal and vice versa.
 - 2.4 A Primary Key value can be NULL.
 - 2.5 Chat Rooms are actual rooms where chat session takes place.
 - 2.6 IP address is given to every computer for its unique identification.
 - 2.7 If a piece of data is stored in two places in the database, then storage space is wasted and changing the data in one place will not cause data inconsistency.
 - 2.8 Downloading of files means transferring files from host computer to the Internet.
 - 2.9 The Datasheet view displays the data in a table in a tabular format.
 - 2.10 Altavista is used for searching for available Internet connection.

3. Read the following paragraph. Find six network and communication related abbreviations and give their expanded form along with a single line definition of each of them: [10]

RBI is planning to expand its connectivity with all major banks of India. The plan includes providing TCP connectivity through HTTP for easy access points and seeks help from some ISPs to join hands in this venture. Also, there is a plan to setup IIS and SMTP servers. Some banks will go for ADSL line while others will use Leased line connectivity to access these services. RBI is also taking help of IIT professors in this venture.

4. Answer the following Questions: [2 X 8 = 16]

4.1. Sharvan Joshi is a student of Political Science and is a keen researcher of Political issues related to various countries and states. He wants to share his research and his own opinion on these issues on day -to-day basis with everyone one World Wide Web. He is also interested in collecting views of others to enhance his research and knowledge related to his area of interest. He belongs to a middle class family and can't afford his own website. Also being a non-technical person he can't create a dynamic website to deal with day-to-day inputs.

- a. Suggest an easy way for Shravan to achieve the same.
- b. Also name two popularly used free services that can help Shravan in this regard.

4.2. As life gets busier, it becomes difficult for everyone to keep a track with school & college friends, old colleagues, old neighbours and favourite teachers. It is important to keep in touch with all your near and dear ones. At times, people sitting miles away doing similar kind of activity or solving similar kind of problems can help you to achieve goals faster by sharing their experiences. Similarly people belonging to different socio-economic background can change your perspective and can enhance your understanding of various cultures.

- a. Suggest the real time tools that are suitable for the above-mentioned activities.
- b. What is the generic name used for such tools?

4.3. Laleema Chakradhar wants a broadband connection for accessing her mails and staying informed about the latest happenings in the field of Biotechnology. Can you suggest two Internet Service Providers of India to be approached for the same?

4.4. Identify domain name(s) and URL(s) from the following list:

- a. yoga@yoga.com
- b. doYogaEveryday.com
- c. www.doYogaEveryday.com/old/index.html
- d. www.PerformingArts_schools.org/backlink.htm
- e. 192.168.0.1
- f. http://cbse.nic.in

4.5. Anila works in a Multinational Company and needs to work online from home also. She therefore requires fast Internet connection. Which type of Internet connection in your view would be best suited for her. Apart from browsing on the internet she will be

requiring uploading / downloading of files to / from remote sites. Which protocol will help her to perform this activity?

4.6. Differentiate between container and empty elements of HTML.

4.7. Which of the following is not an example of a database?

- a. Cross n Knot Game
- b. Employee Payroll Management
- c. Numeric Calculator
- d. Customer Management System

4.8. Identify the errors and write the corrected HTML statements:

- a. <BODY BACKGROUND="Red">
- b.

5 Do as directed: [12]

5.1 Pronita is a programmer in an institution and is asked to handle the records containing personal information of the teachers teaching in the institution. Suggest five fieldnames, which you think must be present in the table called TeacherInfo. [5]

5.2 Look at the table called "Item" given below and answer the question.

ItemId	Item Name	ItemStock	ItemDOP	Quantity Purchased
--------	-----------	-----------	---------	--------------------

1. Suggest the data types of all the fields [5]

2. Which two fields can act as the Primary Key from the above table? [1]

6 Look at the table structures shown below and do as directed: [6]

6.1 Identify the column (s) out of the given three, which should not be present in each of the following tables : [1 x 3 = 3]

1. **Table 1: Stock**

Item No.	Date Of Birth	Item Quantity
----------	---------------	---------------

2. **Table 2: Book**

Admno	Price	Accssn No
-------	-------	-----------

3. **Table 4: Student**

FNo	Design Cat	Phone Number
-----	------------	--------------

6.2 Sanchita is working for a nationalized bank and is in the process of creation a table to store the details of customers of the bank. Find out, which of the following Fields of table Bank can be selected as Primary Key, Candidate Key and Alternate Key. [3]

Bank

AccountNo	CustomerName	Dateofbirth	PANNumber	OpeningBalance

SECTION B

7 Multiple Choice Questions (Choose most appropriate option) [16]

7.1 IP stands for

- a) Internet Protocol
- b) Intranet Protocol
- c) Internet Provider
- d) Internet Package

7.2 Which of these services will not be provided by a typical Internet service provider (ISP)?

- a) An email address
- b) Modem
- c) A connection to the Internet
- d) Technical help

7.3 HTML is a

- a) Package
- b) Software
- c) Language
- d) None of these

7.4 An IP address is a string of _____ numbers separated by periods

- a) 3
- b) 4
- c) 2
- d) 5

7.5 Which of the following statements about search engine is true ?

- a) Search engines discriminate between good and bad sites
- b) Search engines have fixed hours when we can use them
- c) Search engines are waste of time as they do not provide relevant information
- d) Search engine is a program designed to search for information on the web using keywords

- 7.6 Digital information is converted into analog information by the modem at
- a) destination computer
 - b) source computer
 - c) both source and destination computer
 - d) neither source nor destination computer
- 7.7 Google Chrome is a
- a) Web Browser
 - b) News Website
 - c) Graphing Package
 - d) Word Processor
- 7.8 A domain name ending with org. belongs to
- a) An educational institution
 - b) An organization
 - c) A site that is highly organized
 - d) A commercial website
- 7.9 What can you do with the Internet?
- a) Exchange information with friends and colleagues
 - b) Access pictures, sounds, video clips and other media elements
 - c) Find diverse perspective on issues from a global audience
 - d) All of the above
- 7.10 Which of the following sites would you most probably buy books from?
- a) www.yahoomail.com
 - b) www.sun.com
 - c) www.msn.com
 - d) www.amazon.com
- 7.11 Which of these is not a part of URL ?
- a) IP address
 - b) Port Number
 - c) Domain Name
 - d) None of these

- 7.12 Out of the following which one is most appropriate data field in context of employee table if only one of these is required?
- a) Age in years
 - b) Date of Birth
 - c) Age in days
 - d) Age in months
- 7.13 Which is not true for a database file
- a) Each record may contain several fields
 - b) Fields are organized in columns
 - c) Data types have to be declared in advance
 - d) Each field may contain several records
- 7.14 What data type should you choose for a zip code field in a table?
- a) Text
 - b) Number
 - c) Memo
 - d) All of above
- 7.15 Which of the following fields would not make a suitable primary key
- a) A customers account number
 - b) A date field
 - c) An AutoNumber field
 - d) A students admission number
- 7.16 What is the purpose of the description column in Table Design View?
- a) To describe the data that should be entered in each field
 - b) To define the data type applied to each field within the table
 - c) To enter lookup data that the field should refer to.
 - d) None of the above

Foundation of Information Technology
Marking Scheme
(Code : 165)
Class X

Time: 3hours

M.M.: 80

SECTION A

- 1 **Fill in the blanks:** 10
- 1.1 Networks
 - 1.2 Uniquely
 - 1.3 255
 - 1.4 URL
 - 1.5 e-banking
 - 1.6 Hyperlinks
 - 1.7 field
 - 1.8 Web Browsers
 - 1.9 Database
 - 1.10 AutoNumber
2. **State True and False:** 10
- 2.1 False
 - 2.2 True
 - 2.3 False
 - 2.4 False
 - 2.5 False
 - 2.6 True
 - 2.7 False
 - 2.8 False
 - 2.9 True
 - 2.10 False

(1 Mark for correctly mentioning whether each statement is true or false)

3. **The six network related abbreviations are:** 10
1. *TCP (Transmission Control Protocol) : a protocol developed for the internet to get data from one network device to another*
 2. *HTTP (Hypertext Transfer Protocol): a protocol (utilizing TCP) to transfer hypertext requests and information between servers and browsers*
 3. *ISP (Internet Service Provider): also sometimes referred to as an Internet access provider (IAP), is an organization that provides access to the Internet through various connectivity mechanisms (dial modem, cable services, etc.)*
 4. *IIS (Internet Information Server): IIS is Microsoft's proprietary web server software, and is included with their Windows NT-based operating systems. It is free, and is required for the use of ASP code in a website. It also provides FTP functionality, and an easy-to-use management console for administrators.*
 5. *SMTP (Simple Mail Transfer Protocol): is an Internet standard for electronic mail (e-mail) transmission across Internet Protocol (IP) networks.*
 6. *ADSL (Asymmetric Digital Subscribers Line): is one form of the Digital Subscriber Line technology, a data communications technology that enables faster data transmission over copper telephone lines than a conventional voiceband modem can provide.*

(1 Mark for each of the six correct expanded forms) + (1 Mark for each of the six correct definitions)

4. 4.1 a. Shravan should develop a blog. 2 X 8 = 16
(1 Mark for naming the correct tool)
 b. Twitter and Google Blogger
(½ Mark each for correctly naming any two free services)
- 4.2 a. Facebook and Twitter
(1 Mark for correctly naming any two tools)
 b. Social Networking
(1 Mark for the correct generic name)
- 4.3. VSNL, Airtel
(1 Mark each for correctly naming any two ISPs)
- 4.4. b and f are domain names
 C and d are URLs
(1 Mark for correctly identifying the two domains) + (1 Mark for correctly identifying the two URLs)
- 4.5. For faster Internet connection, the Broad Band or Cable connections are preferred. So Anila should go for either the Cable Connection or for ADSL connection.

The FTP will help her in uploading and downloading of files.

(1 Mark for correctly naming any one connection type) + (1 Mark for correctly naming the protocol)

- 4.6. Container elements are those which require both opening and closing tag like <HTML>, <BODY> and whereas the empty elements are those that do not require a closing tag like <HR> and
.

(2 Marks for any one correct differentiation point between the two types of elements)

- 4.7. Numeric Calculator

(2 Marks for the correct identification)

- 4.8. a. <BODY BGCOLOR = "Red">

(1 Mark for writing the correct HTML statement)

- b.

(1 Mark for writing the correct HTML statement)

5

12

- 5.1 Table Name : TeacherInfo

5

Column Names :

TNo

TName

DOB

Address

B Salary

(1 Mark each for naming any five valid fieldnames)

- 5.2 1. ItmId : Text
Item Name : Text
Item Stock : Number
Item DOP : Date
Quantity Purchased : Number

(1 Mark each for naming the correct data types of each of the five fields)

- 2.. ItmId and ItemName can act as the primary key.

1

(1 Mark each for naming the two correct fields)

6 Look at the table structures shown below and do as directed:

6.1 a. Table 1 : Items

1 x 3 = 3

Ans Date of Birth

b. Table 2 : Library

Ans Admno

c. Table 3 : Firmotire

Ans Phone Number

(1 Mark each for correctly naming the column in each of the three tables)

6.2 Primary Key : AccountNo

3

Candidate Key : AccountNo and PANNumber

Alternate Key : PANNumber

(1 Mark each for correctly naming the primary key, candidate key and alternate key)

SECTION B

7 Multiple Choice Questions (Choose most appropriate option)

16

7.1 a) Internet Protocol

7.2 a) An email address

7.3 c) Language

7.4 b) 4

7.5 d) Search engine is a program designed to search for information on the web using keywords

7.6 b) Source Computer

7.7 a) Web Browser

7.8 b) An organizatoin

7.9 d) All of the above

7.10 d) www.amazon.com

7.11 b) IP address

7.12 b) Date of Birth

7.13 c) Each field may contain several records

7.14 d) All of above

7.15 c) A date field

7.16 a) To describe the data that should be entered in each field

(1 Mark for choosing the correct option in each of the MCQ)