

**INFORMATION AND COMMUNICATION TECHNOLOGY**  
**STANDARD 8**

Model Questions  
(THEORY- First TERMINAL EXAMINATION)

**SECTION-1. Choose the correct answer. 1/2 Score**

1. Select the software for drawing pictures?

- a. Marble
- b. Calc
- c. GIMP
- d. Sunclock

Answer : c. GIMP

2. From the tools given below, which one is used to give colours to the images drawn in GIMP?

- a. Shear Tool
- b. Clone Tool
- c. Bucket Fill Tool
- d. Move Tool

Answer : c. Bucket Fill Tool

3. Which tool is used in GIMP canvas for copying a picture exactly from one part of the drawing space to another.

- a. Bucket Fill
- b. Pencil
- c. Rectangle
- d. Clone

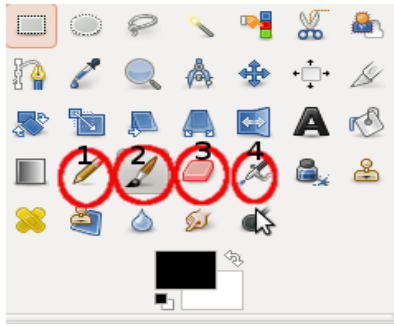
Answer : d. Clone

4. What is the expansion of GIMP?

- a. GNU Image Manipulation Programme
- b. GNU Image Manipulation Process
- c. GNU Image Maximise Process
- d. GNU Image Maximise Programme

Answer: a. GNU Image Manipulation Programme

5. Which group given below represents the encircled tools in the picture respectively ?



- a. Paintbrush,Pencil,Clone,Smudge
- b. Paintbrush,Pencil,Eraser,Scale
- c. Pencil, Paintbrush, Eraser, Airbrush
- d. Pencil,Select,Clone,Eraser

Answer: c. Pencil, Paintbrush, Eraser, Airbrush

6.Radha wanted to create an attractive title in GIMP Software. Which option can she use for this?

- a. Images
- b. Utilities
- c. Logos
- d. View

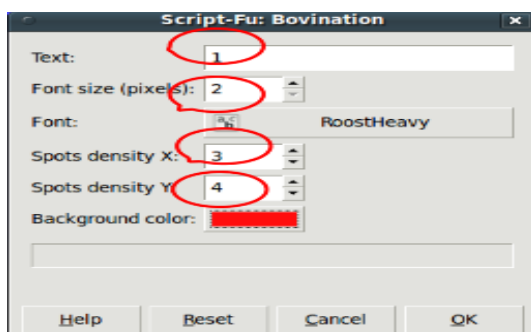
Answer :c. Logos

7.Which type of file does jpg format represent?

- a. Text file
- b. Image file
- c. Presentation file
- d. Spreadsheet file

Ans: b. image file





8.The window shown in the picture is one of the stages for creating the logo ,**"WATER IS PRECIOUS"** in GIMP. Select the circle in which the text is to be typed . (Choose the number in the circle)?



- a. 1
- b. 2
- c. 3
- d. 4

Answer a. 1

9.Sreejith decided to fill green colour inside the circle drawn in Gimp. Which tool in GIMP software can be used for this?

- a.  (Scale Tool)
- b.  (Clone Tool)
- c.  (Bucket Fill Tool)
- d.  (Smudge Tool)

Answer -c.  (Bucket Fill Tool)

10.Appu's teacher asked him to prepare a cover page for their digital magazine. Which software from the following can be used for this purpose?

- a. ghemical
- b. Kalzium
- c. GIMP
- d. Sunclock

Answer : c. GIMP

11.A logo prepared in GIMP is saved with the file name "Festival". Select the file from the list.

- a. Festival.xls
- b. Festival.xcf
- c. Festival.odt
- d. Festival.doc

Answer: b. Festival.xcf

12.Pick out the GIMP file from the following list

- a. rose.jpg
- b. rose.odt
- c. rose.mp3

d. rose.xcf

Answer: d. rose.xcf

13. A logo prepared in GIMP is saved with the file name "Festival". Select the file from the list.

- a. Festival.xls
- b. Festival.xcf
- c. Festival.odt
- d. Festival.doc

Answer: b. Festival.xcf

14. Which of the following is related to GIMP?

- a. letter
- b. E- mail
- c. picture
- d. sound

Answer: c. picture

15. Sarith wants to know whether the tropic of Capricorn, tropic of cancer and equator pass through our country. Which button in SunClock toolbar should he select?

- A) button T
- B) button A
- C) button B
- D) button N

Answer: A) button T

16. Gopu observed the Time Zone map and clicked a button continuously in the Sun Clock toolbar to reduce the shading effect of night. Select that button from list given below?

- A) T button
- B) A button
- C) B button
- D) N button

Answer: D) N button

17. Select one software which can be suggested as the most suitable one for studying Geography.

- A. Dr. Geo
- B. SunClock
- C. GIMP
- D. Kalzium

Answer: D. SunClock

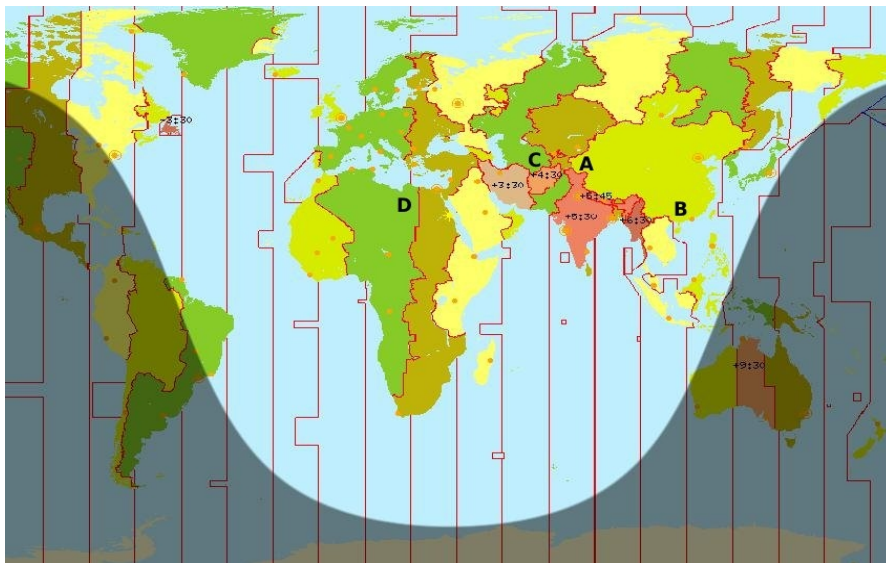
18. When Rahul opened SunClock to know the difference in time in various countries, the time zone was not visible. Which button in the toolbar should be selected to view the time zone map?

- a) F button

- b)W button
- c)O button
- d) Z button

Answer: b) W button

19.Four regions are marked as A,B,C,D in the sun clock window given below? Select the regions in the same time zone?



- A) A,C
- B) B,A
- C) B,D
- D) C,D

Answer. : B) B,A

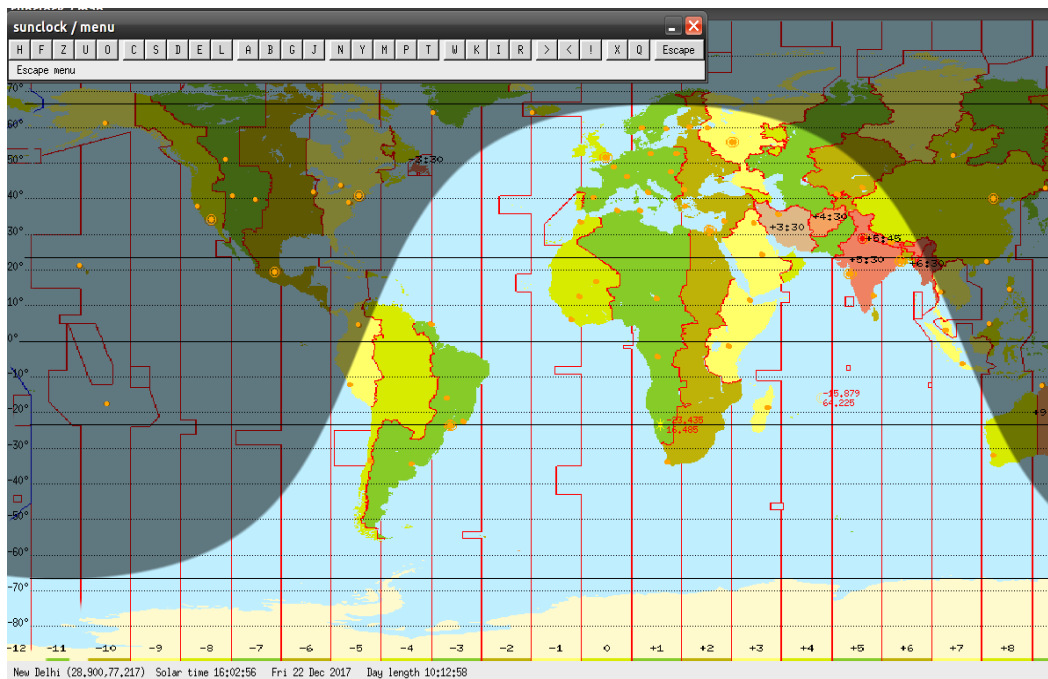
20.Given here is the Sunclock window . Which of the following topic cannot be analysed from it?



- A) Time Zone
- B ) Night and day
- C ) land and water
- D ) continents

Answer. : A) Time Zone

21) The position of cities in the Time Zone map in Sun Clock is shown in the picture. Find the selected city?



- a) New Delhi
- b) Kolkata
- c) Chennai
- d) Mum

Answer - a) New Delhi

22) Select the button that opens the zoom window in Sun Clock software?

- A. 'F' button
- B. 'W' button
- C. 'Z' button
- D. 'G' button

Answer: 'Z' button

23) In order to set the space between lines of a document prepared in Open Office Word Processor which menu in the paragraph format is used?

- A. Text Flow
- B. Alignment
- C. Positioning
- D. Indents & spacing

Answer : D. Indents & spacing

24) Report of a survey is to be prepared. Select the facility that is not suitable for this purpose in Open Office Word Processor.

- A. Inserting table
- B. Inserting picture
- C. Making the paragraph attractive.
- D. Finding the Time Zone.

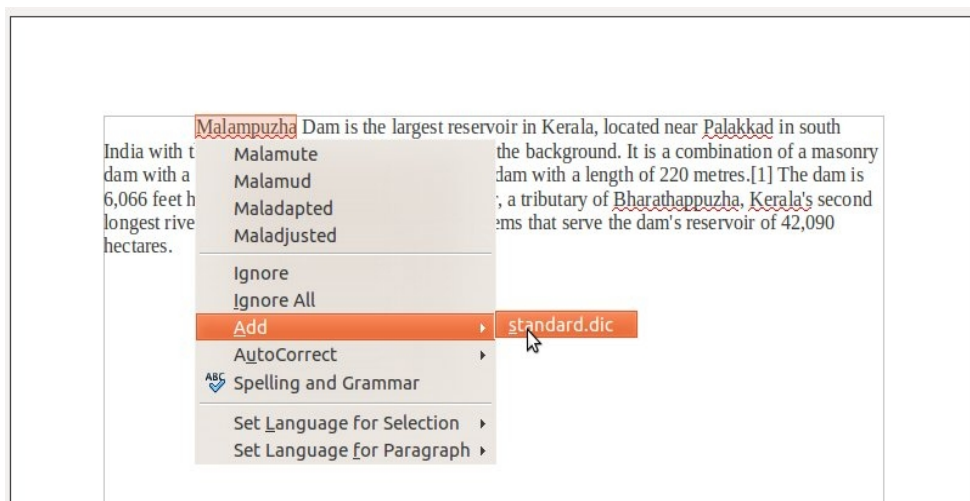
Answer : D. Finding the Time Zone.

25) A friend of Salim sent him an e-mail with a file named **tagore.odt** attached in it. Salim downloaded it. Which software will be suitable for opening this downloaded file?

- A. GIMP
- B. pdf Viewer
- C. Open Office Word Processor
- D. Open Office Spreadsheet.

Answer : C Open Office Word Processor

26) When a document is typed in Open Office Word Processor, the word Malampuzha is seen underlined in red colour. Given below is the window we got when right-clicked on this word. When we click as shown in the window below what will be the result?



- A. The mistakes in the word 'Malampuzha' will be corrected.
- B. The red underline will be removed and the word 'malampuzha' will be added in the Dictionary of Open Office Software. Malampuzha.
- C. The word 'malampuzha' will be removed.
- D. The underline of the word 'Malampuzha' will be removed.

Ans: B. The red underline will be removed and the word 'malampuzha' will be added in the Dictionary of Open Office Software.

27) Which are the correct statements with regard to image inserting in Open Office Word Processor

- A. It is impossible to insert image in Open Office Word Processor.
- B. It is impossible to set the size of the images inserted in Open Office Word Processor.
- C. It is impossible to change the colour,transparency etc. of the inserted images in Open Office Word Processor.
- D. It is possible to insert images and to set the size of them in Open Office Word Processor.

ANSWER: D. It is possible to insert images and to set the size of them in Open Office Word Processor.

28) Identify the facility which is not available in the manual break menu for inserting a new page in Open Office Word Processor.

- a) Column Break
- b) Line break
- c) paragraph break
- d) Page break

Answer c) paragraph break

29) A Study report is prepared in Open Office Word Processor. It has five pages. A new page is to be added in between 4<sup>th</sup> and 5<sup>th</sup> pages. Which menu we can use for this purpose? Select the correct one from those given below.

- a) Hyperlink
- b) Manual Break
- c) Bookmark
- d) Filter

Answer: b. Manual Break

30)Manu prepared an article in Open Office Word Processor. He wanted to add a header for his article . In which menu is this option available?



- a) File
- b) Insert
- c) Tools
- d) View

Ans: b) Insert

31) From the given options select the proper way of changing font colour in a document prepared using Open Office Word Processor?

- a). Format → Character → Font Effects
- b). Edit → Character → Font Effects
- c). Format → Paragraph → Background
- d). Format → Page → Background

Ans: a). Format → Character → Font Effects

32) Neethu prepared a table of IT Club members in Open Office Word Processor. Unfortunately she added a member's name twice. So she wants to remove that repeated row from the table and solve the problem. Which process from the following will she choose?

- a) Table → Skip → row
- b) Table → Delete → row
- c) Table → row → Delete
- d) Table → select → Delete

Answer: b) Table→Delete→row

33) Which is the suitable way for adding Header to a report prepared in Open Office Word Processor?

- a) Insert → Header
- b) Edit → Header
- c) View → Header
- c) Format → Header

Answer: a) Insert→Header

34) Anila typed her article in a table created in Open Office Word Processor. Which option from the Table Menu has to be selected to make the background colour of the table attractive?

- a) Table properties
- b) Delete table
- c) Table boundaries
- d) Select table

Answer : a) Table properties

35) The first word of the given paragraph, created in Open Office Word Processor, is arranged in a special way. From the given options find the correct technique used for this.

**We** are getting a lot of rain in Western Ghats and from where all rivers originate. The rivers flow very fast to the sea because of the slope of the land. In rainy season all rivers are overflowing. But in summer it reduces to be narrow streams. Some geographical reasons are there behind the scarcity of water in Kerala.

- a) Font Effects
- b) Drop Caps
- c) Font position
- d) Indents and Spacing

Ans: -b) Drop Caps

36) What is the expansion of LAN?

- A. Line Area Network.
- B. Lined Area Network.
- C. Low Area Network.
- D. Local Area Network.

Answer: D. Local Area Network.

37) Which among the following is a web browser?

- A. Mozilla Firefox
- B. Word Processor
- C. Calc
- D. GIMP

Answer: A. Mozilla Firefox

38) It is told by the Teacher that even if we don't know the exact web address, there is a facility available in internet to search the information. What is it?

- A. Web browser
- B. Computer
- C. Search Engine
- D. Fire fox

Answer: C. Search Engine

39) Which among the following can be a misuse of internet?

- A. To send photos through internet.
- B. To watch films through internet.
- C. use internet for spreading wrong or obscene information on others.
- D. Doing business through internet

Answer: C. use internet for spreading wrong or obscene information on others.

40) Search engines are helpful to collect information from Internet. Select a search engine from the list.

- A. Mozilla Firefox
- B. Google
- C. Ice weasel
- D. Opera

Answer: B. Google

41) State Bank Of India has arranged a Network connecting all its branches and ATM counters together. Which type of Network does this exemplify?

- A. Local Area Network
- B. ARPANET
- C. Cable Network
- D. Wide Area Network

Answer: D. Wide Area Network

42) In a classroom discussion Teacher mentioned about LAN. What is LAN?

- A. Local Administration of Network
- B. Local Area Network
- C. Local Administrative Network
- D. Low Area Network

Answer: B. Local Area Network

43) The law which Indian Parliament has passed to punish internet misuser

- A. IT Rule
- B. Cyber Law
- C. Net Law

D. Copy Right Rule

Answer: B. Cyber Law

44) The ticket booking facility connecting various stations in Indian railway comes under which category of networking?

- A. WAN
- B. LAN
- C. MAN
- D. PAN

Answer: A. WAN

45) Which one among the following is not a web browser ?

- A. Mozilla
- B. Ice Vessel
- C. g edit
- D. Opera

Answer: C. g edit

46) What is the use of the "Image" tab used in search engines

- A. To search and found the videos
- B. To search and found the images only
- C. To search and found the sound files
- D. To search and found the pdf files

Answer: B. To search and found the images only

47) Networking the computers in a room or in a building is called.....

- A. Metropolitan Area Network
- B. Wide Area Network
- C. Global Area Network
- D. Local Area Network

Answer: D. Local Area Network

48) The person who played a key role in forming ARPANET

- A. Winton Surf
- B. Paul Barron
- C. Charles Babbage
- D. Richard Mathew Stallman

Answer: B. Paul Barron

49) In order to create an e-mail Id for your friend which one do you suggest?

- A. www.itschool.gov.in
- B. www.gmail.com
- C. www.wikipedia.org
- D. www.ml.wikipedia.org

Answer: B. www.gmail.com

50) The computer Networking before internet

- A. ARPANET
- B. Intranet
- C. Starnet
- D. Darpanet

Answer: A. ARPANET

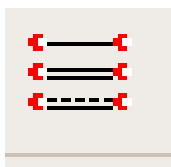
51) Which one among the list is the most suitable for making the molecular structure of an element?

- a) Kalzium
- b) Gimp
- c) Suncllock
- d) ghemical

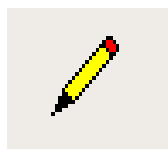
Answer: d) ghemical

52) Priya decided to make Ammonia Molecule for which she had to insert Nitrogen Atom. Which tool can she use for this?

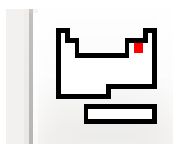
a)



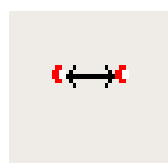
b)



c)



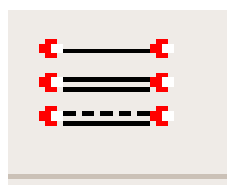
d)



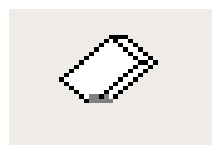
Answer: c)

53) Which tool is used to insert the required element in ghemical software?

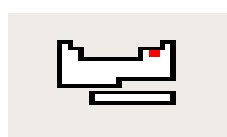
a)



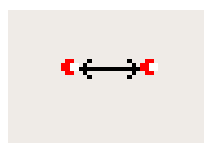
b)



c)



d)



Answer: c)

54) Which option from the following help us to view the Electronic configuration in Kalzium software?

- a) Atom Model
- b) Picture
- c) Chemical Data
- d) Miscellaneous

Answer: a) Atom Model

55) In chemistry class Akhil has got the responsibility to create a table which shows "The Elements and their founders". Name the software which help for this ?

- a) Kalzium
- b) Gimp
- c) Sunlock
- d) ghemical

Answer. a) Kalzium

56) Anil is observing the changes in the physical states of matter in various temperatures for a project in Kalzium. Which option in given list will help him for this?

- a. Miscellaneous
- b. Plot data
- c. State of matter
- d. Calculate

Answer. C . State of matter

57) A *Tool* in ghemical software is given below. Select the use of this tool from the options given below it.



- a. Choosing the bond.
- b. Choosing the structure of the molecules
- c. Choosing the Elements
- d. To give colour

Answer. c. Choosing the Elements

58) One of the statements given below regarding Kalzium software is not true. Identify the statement

- a. Click the Overview option to show the symbol and atomic number
- b. Click the Miscellaneous option to show the year of discovery

- c. Click the Calculate option to show the founders of elements
- d. Click the State of Matter to show the physical variations in different temperatures

Answer: c. Click the Calculate option to show the founders of elements

59) See the picture given below and identify the use of the tool highlighted in red in Kalzium software?



- a) To insert an Atom
- b) To remove an Atom
- c) To select the required element
- d) To select the the bond

Answer: d)To select the the bond

60) From the list given find out the most suitable statement related to **ghemical** software.

- a)It is used to make molecular structure
- b) It is used to make chemicals
- c) Chemical change can be observed.
- d)It is used to make Atom model

Ans: a) It is used to make molecular structure

61) Akhil discussed in his group the process of chemical bond of the atoms in ghemical software. Four different opinions derived from the discussion are given in the list here. Which among them is correct?

- a. In order to make a bond between atoms, click 'Orbit' and drag to connect it.
- b. In order to make a bond between atoms, click 'Draw' and drag to connect it.
- c. In order to make a bond between atoms, click 'Element' and drag to connect it.
- d. In order to make a bond between atoms, click 'Rotate' and drag to connect it.

Answer. b. In order to make a bond between atoms, click 'Draw' and drag to connect.

62) During the study of elements Athira wanted to find out the **boiling point** of some elements. Which option in Kalzium Software is used for this?

- a) State of Matter
- b) Time line
- c) Calculate
- d) Overview

Answer: a) State of Matter

63) The founders of the elements can be understood using Kalzium Software. Which option in the list given is used for this purpose?

- a) Chemical Data
- b) Atom Model
- c) Energies
- d) Miscellaneous

Answer: d) Miscellaneous.

64) From the list given below select an activity which can be done using ghemical software.

- a)Molecules can be viewed from various angles.
- b)Founders of each elements can be known
- c)Energy and mode of decay can be displayed
- d) Electrons in an Atom can be viewed.

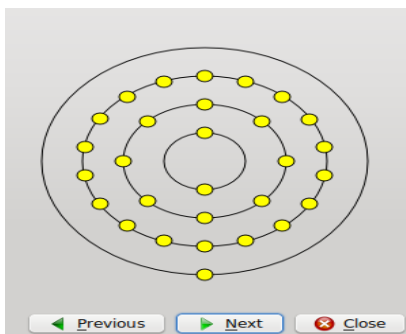
Answer : a)Molecules can be viewed from various angles.

65) From the list given, select an activity that can not be done by Kalzium

- a)Making the molecular structure.
- b) To find out the Isotopes of the elements
- c)To find out the electronic configuration of the elements
- d)To know the person who discovered the elements.

Answer : a)Making the molecular structure.

66)The electronic configuration of an element is given here. Which option in Kalzium software is to be selected to view this?





- a) Overview
- b) Picture
- c) Atom Model
- d) Miscellaneous

Answer : c) Atom Model

**SECTION 2.( Select the two correct statements from the options below.) 1 Score each**

- 1.GIMP software can be used
- (a)for preparing logos
  - (b)for geographical study
  - (c)for the study of chemistry
  - (d)for editing images

**Answer :** (a) for preparing logos  
(d)for editing images

- 2.Find out the two true statements from the following
- (a) picture.png, picture.odt etc are picture files
  - (b) jpg, png etc are the extensions of picture files
  - (c) picture.xcf is a GIMP file
  - (d) picture.jpg is a GIMP file

Answer: b) jpg, png etc are the extensions of picture files  
c) picture.xcf is a GIMP file

3)Jose drew a beautiful picture in the GIMP. which of the formats given below can be used to save this work?

- a) vmf
- b) xcf
- c) jpg
- d) odt

Answer: b) xcf                      c) jpg

4) Some statements on GIMP are given below. Select the correct ones?

- A. The original format to save a picture in GIMP is xcf
- B. It is not possible to save a picture in GIMP
- C. picture drawn in GIMP can be saved in different formats.
- D. click file → Create to save a picture in GIMP

Answer: A. The original format to save picture in the GIMP is xcf  
C. The image in the GIMP can be saved in different formats.

5) This is a tool in GIMP. Select the true statements relating to this tool?



- A. This tool can be used to copy a picture from one place to other
- B. This is fill bucket tool
- C. This tool can be used to give pattern or colour to selected portions
- D. This is gradient (blend) tool

Answer: B. This is fill bucket tool  
C. This tool can be used to give pattern or colour to selected portions

6) Among the following which are the styles that can be used for logo preparation in Gimp?

- A. 3D Outline
- B. xcf
- C. Script-Fu
- D. Alien glow

Answer : A. 3D Outline

D. Alien glow

7) Which are the correct statements related to SunClock Software?

- a) We can select a country and view it clearly by zooming it.
- b) SunClock' enables us to find out the countries that have night and day at a given point of time
- c) The area of a country is available directly.
- d) We can not adjust the time backward .

Answer: a) We can select a country and view it clearly by zooming it.

b) Sunclock' enables us to find out the countries that have night and day at a given point of time

8) We can set the progressive value of time in Sunclock Software using the button 'G'. Select buttons used for changing the time forward and backward?

- A. A
- B. F
- C. B
- D. Z

Answer: A. A  
C. B

9) Find out the correct statements related to Sunclock Software from the list given below.

A. Sunclock helps us to know the countries in daylight and in the shadow at a given point of time

B. Sunclock helps us to know about the lunar declination.

C. Sunclock helps us to know about the Eclipses

D. Sunclock helps us to find out the countries which has the same time zone.

Answer: A. Sunclock helps us to know the countries in daylight and in the shadow at a given point of time

D. Sunclock helps us to find out the countries which has the same time zone.

10) When Appu telephoned his uncle in New York at noon time, his uncle told him that it is night there. Help Appu to find out the time in New York using Sunclock Software.

A. Click on 'H' button to set time.

B. Click on 'W' button to show Time Zone Map.

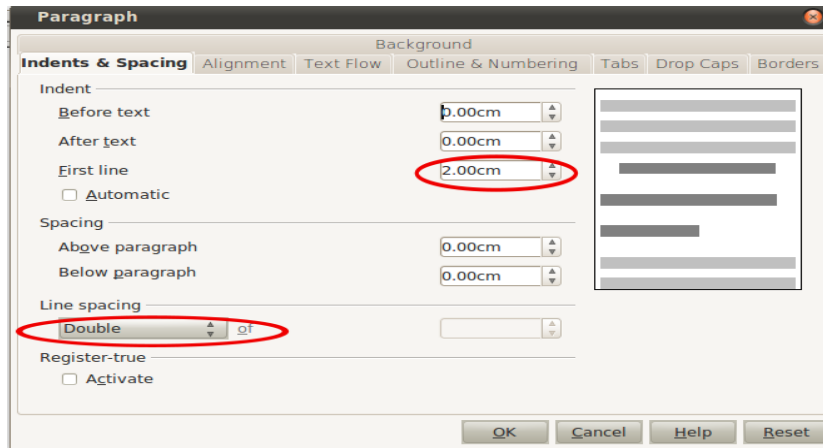
C. Double click on 'H' button to set time change.

D. Click on 'U' tab to see the location of cities on the time zone map. Then choose . New York .

Answers : B. Click on 'W' button to show Time Zone Map.

D. Click on 'U' tab to see the location of cities on the time zone map. Then choose . New York .

11) Given below is a window opened while formatting a paragraph in Open office Writer. Changes made in the window are highlighted in red . What will be possible changes?



- A) First line will be moved 2cm away from the margin.
- B) The space between paragraphs will be changed to 2cm.
- C) Space between lines will be changed to 2 unit.
- D) All lines will be moved 2cm away from the margin.

Answer : A) First line will be moved 2cm away from the margin.  
 C) Space between lines will be changed to 2 unit.

12) When Chinju typed a document in Open Office Word Processor, the word Alappuzha is seen underlined in red colour. Pick out the correct statements from the following regarding this.

- A) This word is not added in the dictionary of the Software
- B) This word can not be added in the Software dictionary
- C) We can not remove that underline.
- D) The red underline will be removed, If the word 'Alappuzha' is added once in the Dictionary of Open Office Software.

Answer: 1. A) This word is not added in the Software dictionary  
 2. D) The red underline will be removed, If the word 'Alappuzha' is added once in the Dictionary of Open Office Software.

13) Which options of the Paragraph Tab can be used to set a paragraph attractive in Open Office Word Processor.

- A. Add images
  - B. Add background colour
  - C. Paragraph can be set in to two columns.
  - D. Add boarder
- Ans: B) Add background colour  
 D) Add boarder

14) While preparing a digital magazine some words in paragraph are found underlined in red colour. Select the correct reasons

- a) Spelling mistake
- b) That particular words are available in the dictionary of the Software.
- c) That particular words are correct.
- d) That particular words are not available in the dictionary of the Software.

Answer : a. Spelling mistake .

d. That words are not available in the dictionary of the Software.

15) Which options in paragraph formatting are helpful to show the first letter of a paragraph in large size and to adjust the space between lines to 1.5 in a report prepared in Open Office writer.

- a) Indents&spacing
- b) Alignment
- c) Text Flow
- d) Drop caps

Answer:

- a) Indents&spacing
- d) Drop caps

16) Which of the following are true statements from the discussion regarding a paragraph prepared in Open Office Writer.

- A). Spelling mistake are underlined in red colour.
- B). Spelling mistake are underlined in green colour
- C). Words not in the computer dictionary will be omitted.
- D). Suggestions for misspelt words will be enlisted if you right click the underlined word

Answer: A. Spelling mistake are underlined in red colour.

D. Suggestions for misspelt words will be enlisted if you right click the underlined word

17) Write down two examples for Wide Area Network from the given list.

- A. School Computer Lab.
- B. Ticket booking service in railway station.
- C. Connection of computers i an office.
- D. ATM centers of Bank.

Answer: B. Ticket booking service in railway station.

D. ATM centers of Bank.

18) Teacher told about the free e-mail services in internet. From the options given below, list out the pair of sites providing free email service?

- A. www.gmail.com, www.yahoo.com
- B. www.itschool.gov.in , www.kerala.gov.in

- C. www.rediffmail.com, www.hotmail.com
- D. www.wikipedia.org, www.keralatourism.org

Answer: A. www.gmail.com, www.yahoo.com  
C. www.rediffmail.com, www.hotmail.com

19) Select the process of saving an image from internet to computer.

- A. Left click on the image.
- B. Right click on the image.
- C. Click on *Save Image As*.
- D. Click on Tools → Add-ons.

Answer: B. Right click on the image.

C. Click on *Save Image As*.

20) Unni is collecting data regarding the history of Internet. Which of the listed statements are true

- A. Winton surf is known as Father of Internet.
- B. Paul Baron is known as Father of Internet.
- C. India launched internet in 1945.
- D. India launched internet in 1995.

Answer: A. Winton surf is known as Father of Internet.  
D. India launched internet in 1995.

21) Which of the statements are true regarding Local Area Network?

- A. It is the network that connects computers inside a room.
- B. It is the network that connects computers inside a building.
- C. It is the network that connects computers in a country.
- D. It is the network that connects computers located in a wide area.

Answer: A. It is the network that connects computers inside a room.  
B. It is the network that connects computers inside a building.

22) Which of the given formats of files can be transferred through e-mail (select two)?

- A. Letter, Images.
- B. Sounds, Movies.
- C. Only letters.
- D. Only Images

Answer: A. Letter, Images  
B. Sounds, Movies.

23) Select the activities required to visit the website [www.kerala.gov.in](http://www.kerala.gov.in). ?

- A. Open any browser.
- B. Open any search engine.
- C. Type [www.kerala.gov.in](http://www.kerala.gov.in) in the address bar of the browser and press enter key.
- D. Type [www.kerala.gov.in](http://www.kerala.gov.in) in the find option available in edit menu of the browser and

press enter key.

Answer: A. Open any browser  
C. Type [www.kerala.gov.in](http://www.kerala.gov.in) in the address bar of the browser and press enter key.

24) Which among the given list are the sites that provide free email Id for sending mails?

- A. [www.kerala.gov.in](http://www.kerala.gov.in)
- B. [www.yahoo.com](http://www.yahoo.com)
- C. [www.keralaschool.com](http://www.keralaschool.com)
- D. [www.rediffmail.com](http://www.rediffmail.com)

Answer: B. [www.yahoo.com](http://www.yahoo.com)  
D. [www.rediffmail.com](http://www.rediffmail.com)

25) Which of the given options are true regarding WAN?

- A. Computer network that connects computers within a room or building.
- B. Computer network that connects long distance computers are WAN
- C. Wide Area Network is the full form of WAN.
- D. Width Area Network is the full form of WAN.

Answer: B. Computer network that connects long distance computers are WAN  
C. Wide Area Network is the full form of WAN.

26) Which of the given options are the sites that provides free e-mail ID?

- A. [www.gmail.com](http://www.gmail.com)
- B. [www.education.in](http://www.education.in)
- C. [www.lsg.kerala.gov.in](http://www.lsg.kerala.gov.in)
- D. [www.rediffmail.com](http://www.rediffmail.com)

Answer: A. [www.gmail.com](http://www.gmail.com)  
D. [www.rediffmail.com](http://www.rediffmail.com)

27) Which of the statements given are true regarding e-mail service?

- A. Texts and Images can be send through e-mails.
- B. Address is not required to send e-mail.
- C. E-mail service is provided within India only.
- D. E-mail ID is required to send e-mails.

Answer :A. Texts and Images can be send through e-mails.

- D. E-mail ID is required to send e-mails.

28) Take out the two statements which is true regarding internet?

- A. Internet is the network of computers all over the world.
- B. Letters, Images and videos can be send using internet.
- C. Internet is the computer network only for India.
- D. There is no legal interruptions in doing anything in Internet

Answer: A. Internet is the network of computers all over the world.

- B. Letters, Images and videos can be send using internet.

29) Click on the symbols of elements in the Kalzium Software to get some informations. Some of them are given in the list. Select the correct ones.

- a). Electronic configuration
- b). colour
- c). Isotopes
- d). Number of shells

Answer : a) Electronic configuration

- d)Number of shells

30) Some activities regarding the making of the model of molecular structure of an element ,using ghemical software are given here. Select the correct ones?

- a) Click 'Set the current element 'and select the element
- b) Click 'Set the current element 'and insert the bond
- c) Using Draw tool draw the elements
- d)Using Draw tool,give Geometry Optimization.

Answer : a) Click 'Set the current element 'and select the element

- c) Using Draw tool draw the elements

31) The teacher asked Raju to make a model of molecular structure of Water with the help of ghemical software. Select the process for this.



- a) Open ghemical software.
- b)Open Kalzium Software
- c) Click the tool' Set the current element ' .
- d)Start the process clicking Plot Data.

Ans: a. Open ghemical software.  
c. Click the tab' Set the current element ' .

32) Teacher wanted Anu to find out with the help of the Kalzium software which element remains solid in 3800 degree kelvin. How can Anu do it?

- a).Open the kalzium software.
- b). Open Kem tool software
- c). Sets 3800degree temperature in Time Line
- d). Sets 3800degree temperature in State of Mater.

Answers:- a) open the Kalzium Software.  
d). Sets 3800degree temperature in Time Line

33) Two characteristics of elements are a nalysed by observing the Atom models using the Kalzium Software. Select the two from the list?

- a). The number of shells in which electrons are configured can be found
- b) The number of electrons in various shells can be found.
- c) The number of isotopes can be understood
- d) Physical state of elements indifferent temperatures can be understood.

Answer: a) The number of shells in which electrons are configured can be found  
b)The number of electrons in various shells can be found.

### SECTION 3: Make Short notes

**(Choose the correct statement from the four options and make shortnotes on the given topic.) 2 Scores**

#### *1.Gimp*

- 1 A. GIMP is a free software used for drawing,image editing, logo preparation etc.
- B. GIMP is a free software that shows the delineation of day and night using light and shade in the world map.
- C. GIMP is a free software with which the comparison of the properties of metals is possible.
- D. GIMP is a free software used for collecting and analysing information.

Answer : A. GIMP is a free software used for drawing,image editing, logo preparation etc.

- II
- A. Its expansion is Generic Image Manipulation Program
  - B. Its expansion is Genuine Image Manipulation Program
  - C. Its expansion is Global Image Management Program
  - D. Its expansion is GNU Image Manipulation Program

Answer : D. Its expansion is GNU Image Manipulation Program

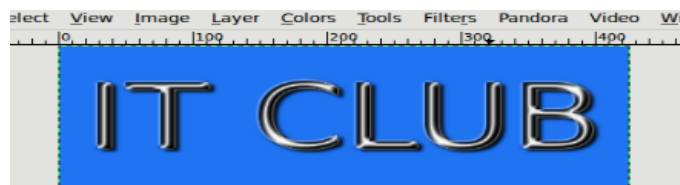
- III
- A. Though GIMP can handle files in various formats,TIF is its own format.
  - B. Though GIMP can handle files in various formats,xcf is its own format.
  - C. Though GIMP can handle files in various formats, it has no original format.
  - D. GIMP cannot handle files in different formats.

Answer : B. Though GIMP can handle files in various formats,xcf is its actual format.

- IV
- longitudes of a region etc are available in this.
- A. change of time in various countries,distance between regions,the latitudes and longitudes of a region etc are available in this.
  - B. The functions to analyse information is available in Gimp
  - C. This can be used to make an attractive cover page for digital magazines.
  - D. Basic informations about metals, Electronic Configuration and Properties of elements are available in it.

Answer : C. This can be used to make an attractive cover page for digital magazines.

## 2. Logo Creation



- I.
- a. Logo is an option in the GIMP software..
  - b. Logo is an option in the word processor.
  - c. Logo is an option in the Kalzium software.
  - d. Logo is an option in the Kalzium software.

Answer : a. Logo is an option in the GIMP software.

- II.
  - a. This is used for calculations
  - b. This is used for analysing information.
  - c. This is used for knowing time zone.
  - d. This is used for making titles

Answer : d. This is used for making titles

- III.
  - a. Type the word for logo preparation in the box given against the title font.
  - b. Type the word for logo preparation in the box given against the title pattern
  - c. Type the word for logo preparation in the box given against the title text .
  - d. Type the word for logo preparation in the box given against the title outline .

Answer : c. Type the word for logo preparation in the box given against the title text .

- IV.
  - a. The prepared logo can be saved in **vmf** extension.
  - b. The prepared logo can be saved in **mp3** extension.
  - c. The prepared logo can be saved in **xcf** extension.
  - d. The prepared logo can be saved in **odt** extension.

Answer : c. The prepared logo can be saved in **xcf** extension.

### *3.Gimp- Uses*

Group 1.

- a. Using the' **style** 'option in GIMP you can make documents more impressive.
- b. GIMP is used to collect information by searching internet.
- c. Simple animations can be prepared in GIMP
- d. Time zones can be observed using GIMP

Answer-c) Simple animations can be prepared in GIMP

Group 2.

- a. Latitudes and longitudes can be observed.
- b. Fill(bucket) tool can be used to give colour to the background.
- c. Tables can be inserted in GIMP file.
- d. E-mail address can be created using Gimp

Answer: b. Fill(bucket) tool can be used to give colour to the background.

Group 3.

- a. Attractive logos can be created in GIMP
- b. GIMP provides social networking service
- c. The day and night can be observed in GIMP
- d. In GIMP text files can be used to export to pdf format.

Answer- a. Attractive logos can be created in the GIMP

Group 4.

- a. Land, water maps can be observed in GIMP
- b. Clone function is available in it to copy a picture
- c. The satellite view of the Earth can be watched in it
- d. It can be used to prepare a table in alphabetical order.

Answer : b. Clone function is available in it to copy a picture

*4.Prepare notes – Time Zone map*

I

- a) Sunclock Software can be used to observe sky
- b) Sunclock Software can be used to know about Time Zones.
- c. National anthem of different nations can be heard using Sunclock Software.
- d. Solar eclipse can be seen using Sunclock Software.

**Answer : b) Sunclock Software can be used to know about Time Zones.**

II

- a) Toolbar is not available in Sunclock **Software.**
- b) Toolbar will be available **on clicking inside the Sunclock window.**
- c) Tools in the toolbar are indicated using different pictures
- d) Tools are available in the view menu.

**Answer. b) Toolbar will be available on clicking inside the Sunclock window.**

III

- a) This is a software that shows the light and shadow effect of the day and night in a world map.
- b) This is a software to observe solar eclipse.
- c)This is a software to find constellations of stars
- d)Flags and national anthem of countries are available in this software.

Answer: a) This is a software that shows the light and shadow effect of the day and night in a world map.

IV.

- a) Setting time is not possible in the Sunclock window.
- b) The latitude and longitude of a particular point on the earth is available in it.

- c) It is possible to find the change in time while moving to the east or west of zero degree longitude.
- d) The population of cities are available in this.

Answer: c) it is possible to find the change in time while moving to the east or west of zero degree longitude.

### 5. Use of Suncllock Tools

I.

- a) Stars can be observed in Suncllock using T tool.
- b) Longitude can be located in Suncllock using T tool.
- c) The countries through which equator passes can be located in Suncllock using ' T' tool
- d) Map can be drawn in Suncllock using T tool.

Answer: (c) The countries through which equator passes can be found out in Suncllock using T tool.

II

- a) G,A,B are the tools used to adjust time.
- b) K,A,B are the tools used to adjust time.
- c) W,A,B are the tools used to adjust time.
- d) T,A,B are the tools used to adjust time.

Answer: a) G,A,B are the tools used to adjust time.

III

- a) T,P,M are the tools used to show latitude and longitude.
- b) P,N,M are the tools used to show latitude and longitude.
- c) G,T,B are the tools used to show latitude and longitude.
- d) A,B,T are the tools used to show latitude and longitude.

Answer: b) T,P,M are the tools used to show latitude and longitude.

IV-

- a) To activate animation use O key
- b) To activate animation use ' key
- c) To activate animation use G key
- d) To activate animation use O key

Answer: b) To activate animation use ' key

### 6. Paragraph editing in word processor

SET I

- a) Select the paragraph given and choose the path Format → Page.
- b) Select the paragraph given and choose the path Format → character
- c) Select the paragraph given and choose the path Format → Paragraph
- d) Select the paragraph given and choose the path Format → Bullet and Numbering

Answer: c) Select the paragraph given and choose the path Format → Paragraph

#### SET II

- a) Open a new document
- b) Creates a logo
- .c) Sets the space between lines using Indents & Spacing
- .d) Opens the gallery.

Ans: C. Sets the space between lines using Indents & Spacing .

#### SET III

- a) Inserts pages
- b) Exports as pdf
- c) Edit the image
- d) Sets the space between paragraph.

Answer: d) Sets the space between paragraph.

#### SET IV

- a) Creates sliders
- b) Superscript option is used.
- c) uses the Fill Colour tool.
- d) Adds border and background colour.

Answer: d) Adds border and background colour.

### *7. Inserting an image in Writer*

#### SET I

- a) Click where the image is to be inserted.
- b) Right click in the first line.
- c) Right Click where the image is to be inserted.
- d) Paste where the image is to be inserted.

Answer : (a) Click where the image is to be inserted.

#### SET II

- a) Insert image through the path Insert → Fields
- b) Insert image through the path Insert → Header
- c) Insert image through the path Insert → Image
- d) Insert image through the path Insert → Picture

Answer : d) Insert image through the path Insert → Picture

SET III

- a) Select odt file.
- b) Select the image
- c) Adjust rows and columns
- d) Select time

Answer : (b) Select the image

SET IV

- a) Click save
- b) Click new
- c) Click Export
- d) Click Open

Answer : d)Click Open .

*8.Inserting a table and modifying it in Open Office Word processor.*

SET I

- a) Insert→ picture → Table
- b) Format → table
- c) Table → Insert → Table
- d) Format → Bullet and Numbering → table

Answer: C)Table → Insert → Table

SET II

- a) Click insert → frame→OK
- b) Click OK after creating logo
- c) Click OK after adding the number of rows and columns.
- d) Click OK after inserting video.

Answer:( c) Click OK after adding the number of rows and columns.

SET III

- a) After selecting the cells click Table → Merge cells
- b)Without selecting the cells click Table → Merge cells
- c)After selecting the cells click Table → Select → row
- d) After selecting the cells click Table → Select → column

Answer: a) After selecting the cells click Table → Merge cells

SET IV

- a) Adds new row by clicking Table → insert → row
- b) Adds new row by clicking Table → insert → column
- c) Adds new row by clicking Table → new→ rows
- d) Adds new row by clicking Table → delete → rows

Answer: a) Adds new rows by clicking Table → insert → row

### 9. Computer Network or Networks

I

A. Computers interconnected for data transfer are known as Computer connections or Networks.

B. It is the method of linking/connecting files inside a building or room.

C. This network interconnects information all over the world.

D. Collecting information using search engine is known in this name.

Answer:A Computers interconnected for data transfer are known as Computer connections or Networks.

II

a) Networks are classified based on types of motherboard.

.b) Networks are classified based on computer memory.

c) Networks are classified based on types of performance of computer.

d) Networks are classified based on the area covered by computer networks.

Answer: d) Networks are classified based on the area covered by computer networks.

III

a. Connections between the computers inside a room are known as LAN and Connections between the computers of long distance is known as WAN.

b. Vinton surf is known as Father of computer networks.

c. Paul Barren is known as father of computer networks.

d. Connections between the computers inside a room are known as LAN and Connections between the computers of long distance is known as WAN.

Answer: d. Connections between the computers inside a room is known as LAN and Connections between the computers spread in a wide area is known as WAN

IV

a. Networking of computers in the school lab is LAN and

networking of computers in different stations of Indian railway is WAN.

b. India became a member of WAN in 1995 August 15.



- c. Networking of the branches of a Bank and its ATM is an example for LAN and networking of computers in school lab is an example for WAN
- d. India became a member of WAN in 1947 August 15.

Answer: a. Networking of computers in the school lab is LAN and networking of computers in different stations of Indian railway is WAN.

### 10. Internet

1

- A. Internet was started in 1969.
- B. In 1969 a network called ARPANET was formed.
- C. World Wide Web was designed in 1969.
- D. Internet was first named as World Wide Web.

Answers: B. In 1969 a network called ARPANET was formed.

II

- A. Richard Stallman led an important role in developing this.
- B. Sir Issac Newton led an important role in developing this
- C. Paul Baran led an important role in developing this.
- D. Torvalds led an important role in developing this

Answers: C. Paul Baran led an important role in developing this

III

- A. There happened revolutionary change when Paul Baran became the head of ARPANET. He is known as father of internet.
- B. There happened revolutionary change when Winton surf became the head of ARPANET. He is known as father of internet.
- C. There happened revolutionary changes when Vinton surf became the head of ARPANET. He is known as father of Google.
- D. It is search engines that later transformed into Internet.

Answers: B. There happened revolutionary changes when Winton surf became the head of ARPANET. He is known as father of Internet.

IV

- A. This software is known as Cyber Cell.
- B. Only india passed Cyber law.
- C. America joined this network in August 15, 1995

D. India joined this network in August 15 , 1995

Answers: D. India joined this network in 1995 August 15

### *11.WEB BROWSER*

Web Browser

I

- a) Mozilla Firefox is a web browser.
- b) www.kerala.gov.in is a search engine in Internet.
- c) Google is not a search engine
- d) Web browsing can be done without web browser.

Ans:(a) Mozilla Firefox is a web browser.

.II

- a) www.bing.com is a web browser.
- b) www.bing.com is a search engine.
- c) Key words are the password to access internet
- d) There is no home page for search engine.

Ans:(b) www.bing.com is a search engine.

- III.
- (a) Official website of Kerala Govt. is www.kerala.com
  - (b) Wikipedia is the official website of Kerala Educational Department.
  - (c) Mozilla Firefox is a free web browser.
  - (d) www.schoolwiki.in is the official website of Kerala Educational Department.

Ans:(c) Mozilla Firefox is a free web browser.

IV.

- (a) Image tab in the search engine is for uploading images.
- (b) Web browsers are the device for using internet.

- (c) www.msn.com. Is not a web browser.
- (d) Money payment is required for getting gmail ID.

Ans:(b) Web browsers are the device for using internet.

*12. Prepare a note on Kalzium Software*

A

- a) It is a software which helps to learn chemistry
- b) It is a software which helps to learn mathematics
- c) It is a software which helps to learn Programming
- d) It is a software which helps to learn Social science

Answer : a) It is a software which helps to learn chemistry

B

- a). It is a software which provides three dimensional view of molecular structures
- b) It helps us to find out the element found in primitive years
- c) It helps us to make the models of molecules.
- d). Molecules can be viewed from different angles.

Answer : b) It helps us to find out the element found in primitive years

C

- a) We can find out Physical state of the elements
- b) Composition of elements can be understood
- c. Composition of elements can be separated
- d) Solvents can be identified.

Answer : a) We can find out Physical state of the elements.

D

- a) To find out the molecular structure of an element.
- b) The picture of elements can be painted.
- c) New elements can be found out.
- d) The symbols of elements can be found out.

Answer : d) The symbols of elements can be found out.

*13. Prepare a note on chemical software*

A

- a) It is a software to make Social science interesting.
- b) It is a software to make mathematics interesting.
- c) It is a graphic software
- d) It is a software to make chemistry interesting.

Ans: d) It is a software to make chemistry interesting.

B

- a). Geometric Optimization view of the molecular structures can be made.
- b) Elements found in primitive times can be identified
- c) Isotopes of elements can be found out.
- d) Melting point of the elements can be found out.

Answer : a). Geometric Optimization view of the molecular structures can be made.

C

- a) Notes about elements can be inserted
- b) The structure of the molecules can be drawn
- c) Atomic Number of the elements can be set
- d) Can Measure the distance.

Answer : b) The structure of the molecules can be drawn

D

- a) Number of neutrons can be found out
- b) Configuration of electrons can be analysed
- c) Chemical bond of the molecules can be understood.
- d) The history of elements can be understood

Answer : c) Chemical bond of the molecules can be analysed

*14. Prepare a note on making the model of a molecular structure.*

A

- a) Using ghemical software we can make the model of a molecular structure.
- b) Using Kalzium software we can make the model of a molecular structure.
- c) Using Suncllock software we can make the model of a molecular structure.
- d) Using Marble software we can make the model of a molecular structure.

Answer: a) Using chemical software we can make the model of a molecular structures.

B

- a) In chemical software Bond of atom can be created using draw tool.
- b) In Kalzium software Bond can be created using draw tool.
- c) In chemical software Chemical Bond of atoms can not be viewed.
- d) In chemical software Double Bond of atoms can not be created .

Answer: a) In chemical software bond of atoms can be created using Draw tool.

C

- a) The structure of molecules of an atom can be drawn in Kalzium software.
- b) The structure of molecules of an atom can be drawn in chemical software.
- c) The structure of molecules of an atom can not be drawn in chemical software.
- d) The structure of molecules of an atom can not be drawn in Kalzium software.

Answer: b) The structure of molecules of an atom can be drawn in chemical software.

D

- a) The geometry optimisation view of the molecules can be done in Kalzium software.
- b) We can draw the structure of the molecules in Kalzium.
- c) We can not draw the the structure of the molecules made in chemical software.
- d) The geometry optimisation view of the molecules can be done in chemical software.

Answer: d) The geometry optimisation view of the molecules can be done in chemical