CTCS - Past Papers

(01) Fish bone diagram helps to
   a. Identify the root cause of problem
   b. Identify alternative solutions for a problem
   c. Decompose the problem
   d. Identify all the causes of a problem

   answer - a

(02) How to improve organizational skills.
   a. Start labelling
   b. Try to keep in mind the activities that you need to complete
   c. Create an outline of your organized office.
   d. File your information by "how you will use it"

   answer - C

(03) Which of the following statement is incorrect.
   a. Asset - Capital = Liability
   b. Liability + capital = Assets
   c. Liabilities + Assets = Capital
   d. Assets - Liabilities = Capital

   answer - C

(04) Which of the following is not an example of computational thinking?

a. Accidentally completing a video game level

b. Thinking of playing a video game

c. Planning what to collect and where to exit to complete a video game level.

d. Planning how to beat your enemies in a video game level.

answer - b, A a

(05) If you want to be opened minded, what qualities do you need to embrace?

a. Talk negative of others

b. Listen to talk radio insteed.

c. Don't judge a person until you know his story

d. Get out of your comfort zone.

answer - c

(06) Which financial statement displays the revenues and expenses of a company for a period of time?

a. Income statement

b. Balance sheet

c. Statement of changes in equity

d. Cash flow statement.

answer - a

(07) Which characteristic is correct regarding a "partnership"?

    a. Share risk and losses

    b. Easy and less costly to form

    c. Unlimited life

    d. Few regulations

    answer - a

~~(06) Which of the followings is not an example of computational thinking?~~

~~a. Planning how to beat your enemies~~

(08) When a conflict arises between two employees, what first step might a leader take?

    a. Step in and quickly help employees mediate the conflict - to avoid any unnessary escalation

    b. Step back and encourage employees to resolve the conflict themselves - so they will learn how to resolve conflicts on their own handle future issues

    c. Do nothing.

    d. Step out of the "field of action" for a moment, to gain insights into the nature of the conflict.

    answer - a

(09) Balace sheet represents ___

    a. Income and losses

    b. Debit and credit·

    c. Sources and applications

    d. Assets, Liability and capital

answer - d

(10) What is abstraction ?

    a. Process of filtering out irrelevant characteristics and unnecessary details.

    b. Set of step by.step instruction to resolve a problem

    c. Breaking down of a problem in to smaller parts that are easier to understand and solve.

    d. Looking for similarities within and among problems

answer - a

(11) Which of the following techniques can be used to identify the root causes for a problem ?

    a. Decision tree

    b. Brain storming

    c. Fish-bone diagram

    d. Five whys.

answer - c

(12) Data that has already been processed by a computer, is also known as,

a. Stored Data

b. Original Data

c. Meta Data

d. Raw Data.

answer - ~~d~~ a

(13) Explain what is professional ethics?

a. Ensuring you complete all asigned tasks

b. Behaving in a standard acceptable to your profession.

c. Meeting your business targets

d. Focus on your benefits.

answer - a

(14) What is the correct sequence of the following steps in "Brainstorming" technique?

A. Each participant presents one idea to group.

B. Small group is assembled, one leader presents a problem

C. Members write down ideas individually

D. Alternatives are rated and best-rated one is chosen

E. Group clarifies and evaluates all suggestions

answer - B, C, A, E, D

(15) Which of the following techniques can be used to identify the root causes for a problem
    a. Decision tree
    b. Brainstorming
    c. Fish-bone diagram
    d. Five whys.
Answer - c. fish bone diagram

(16) What is the incorrect statements with regards to data processing?
    a. A batch data processing system takes a very short time to process data
    b. A mission critical system is using a real time data processing method-
    c. A bank system will use a transaction data processing method
    d. Real-time data processing is quicker than transcation data processing.
Answer - a

(17) Which of item is not included as a separate item in the basic accounting equation?
    a. Liabilities
    b. Revenue
    c. Assets
    d. Stake holder's Equity
Answer - b

(18) _____ is a form of qualitative data analysis involving very careful and complete observation of a person, a situation or an instituation.

    a. Questionnaire Methods

    b. Case Study

    c. Interview Method

    d. Focus Group

    Answer - b

(19) The debits, which are to be repaid within a short period (year or less) are known as

    a. Fixed liabilitres

    b. Current liabilities

    c. Contigent liabilities

    d. All of these.

    Answer - b

(20) Asset acquired for a long term business is called ?

    a. Wasting assets

    b. Non - current assets

    c. Non of the above

    d. current assets

    Answer - b

(Q.) What are the duties of a good citizen.

    a. Carrying out vilgilante justice

    b. Becoming a nationalist.

    c. Painting walls

    d. Voting, abiding the law

Answer - d.

(Q2) How does analytical thinking help you.

    a. Analytical skills encourage critical thinking

    b. Analytical skills make you a better problem solver

    c. Analytical skills can be included to your CV

    d. Analytical skills make you marketable.

Answer - a,b,c,d

(Q3) Which of the following is an example of thinking computationally?

    a. When going to meet a friend, wandering around until you find them

    b. Scheduling and confirting a time and place to meet the friend in advance

    c. Planning out your route when going to meet a friend.

    d. When going to meet a friend, asking a parent to plan your route for you.

Answer - c

(Q4) As a team leader, what can you do to encourage leadership potential in your subordinates?

   a. Make sure that they have necessary resources and opportunities for development.

   b. Involve them in planning when possible.

   c. Encourage new leaders to use their own talents and skills to enrich your program.

   d. All of these

   Answer - d

(Q5) _____ shows a numerical measure about how good is the "fit" between actual observations (x, y) and the points generated by the regression equation.

   a. Correlation coefficient

   b. Correlation

   c. Coefficient of Determination

   d. Regression.

   Answer - C

(Q6) Which transaction given below could affect the owner's equity?

   a. Owner's contribution

   b. Payment to creditors

   c. Collection of money from debtors

   d. Payment of loans.

   Answer - a

(07) Which transaction given below could affect the owner's equity?

    a. Owner's contribution

    b. Payment to creditors

    c. Collection of money from debtors.

    d. Payment of loans

    Answer - a

(08) Which of these examples of problem decompositi

    a. Breaking the problem of organizing a cake sale into smaller parts, such as who will bake the cakes and to hold the cake scale

    b. Taking the problems of baking cake and thinking about how we can make it the best cake

    c. Looking at what different kinds of cake can be made.

    d. Thinking of common characteristics of cake

    Answer - a

(29) Which of the following is an example Of thinking computationally?

    a. When going to meet a friend, wandering arround run

(29) Which of these rights fall under civil and political category?

    a. Freedom from poverty

    b. Right to health

    c. Right to education

    d. Freedom of Accosiation.

    Answer - d

(30) What is the correct statement about the following python code that print number from 1 to 100.

```
number = 1
while number < 100:
    print (number)
    number = number + 1
```

a. You need to use the repeat statement.

b. You should remove the colan (:) after while statement

c. You need to change the condition to number <= 100

d. The above python code is correct

Answer - C

(31) _ _ _ _ _ _ _ _ _ _ _. is a cognitive process and a rational state of mind in which one withholds judgement, particullary on the drawing of mortal or ethical conclutions.

    a. Defer judgement

    b. Suspended judgment

    c. Open judgment

    d. close judgment

Answer - b

(39) Which of the following is a valid reason for restricting a right

    a. Public Morality

    b. Public Health

    c. All these

    d. National Security

Answer - C

(38) Fish bone diagram helps to

    a. Identify the

(33) Good communication skills and motivation techniques......

    a. None of these

    b. Are the foundation of leadership

    c. are helpful to the leadership in General
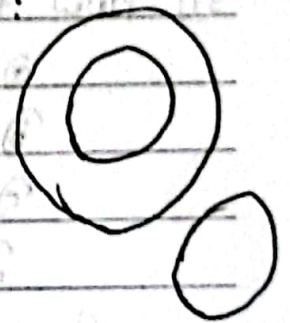
    d. will make people respect the leader

Answer - C

(34) Which of the following can be correctly represented using this venn diagram ?

    a. Tea, coffee, Beverages

    b. Elephants, Wolves, Animals

    c. Sparrows, Birds, Mice

    d. Men, Authors, Teachers

Answer - C

(35) what why are human rights treated as universal

    a. Because they are possessed equally by everyone.

    b. Because they are applied at the universal level.

    c. Because they cannot be taken away by anyone.

    d. Because the rights are granted by the universe.