Delliil Public School Gwalior
(Under the aegis of DPS Society, New Delhi)

## Holiday Assignment

## Closs <br> Session (2023-24)



## Dear Parents <br> Greetings of the day!

Vacations are the best time to relax and enjoy. Summer vacations are the reason behind fun in the sun, beach and shadow of the umbrella, but it is also the time to keep some analogy of academics alive in the fun to chisel the inherent potential inside your child. My suggestion to you is to spend these holidays being sociable and be vibrant in undertaking your plans so that the vacation is made purposeful.
To begin with, enhance every precious moment prudently by motivating your child to read informative and enlightening books. Help them improve their speech by conversing with them on every possible occasion and strop their vocabulary by providing them with new words. Spend substantial time visiting your kith and kin and people in your vicinity. Hold parley with your child on daily happenings and crucial world events as this is the best time to update, put forth your thoughts, notions and ideas before your ward and ask for an opinion, be a constant supporter of tolerance and disseminate it amongst people, teach your child to help and let him/her realize the meaning of real happiness and harmony and certainly root out all possible ill feelings and factions. Try being friendly and benevolent to all, let your child play the part in family reunions which will strengthen your family bond. Look out for the ways to abrade the plodding routine and take up some supportive vigorous activities with your child like swimming, cycling, jogging, painting or any other activity that your child enjoys.
It's your time to make every single moment eventful and memorable for your child and fill them with loads of experiences, which he/she eagerly wants to share with his/her pals and Educators when returned to School.
I wish you a pleasant vacation!

Regards

Principal<br>Delhi Public School Gwalior

## ADD ONS TO MAKE YOUR VACATION MEANINGFUL !!

Childhood is a crucial stage of development. Most of life's important lessons are learnt here! Let us join hands and make sincere efforts to augment and hone the learning process of the child through inculcation of self learning and keen observation.

* Let us attempt to enable them by allowing them to assume responsibilities of the routine household and shopping chores. (e.g.: laying the table, serving the guests, making their beds, buying groceries from the nearby stores etc.)
* Let us make them aware about their social responsibilities which will transform them into a responsible citizen of our society. (e.g.: keeping the surroundings clean, make use of public litter bins, switching off lights / fans / closing the taps properly etc.)
* They should be taught how to connect with Almighty God through prayers and meditation. (e.g.: daily prayers, thought of the day, meditate to improve the concentration etc.)
* Socialize and connect with people, neighbours and relatives. (e.g.: meeting \& greeting neighbours, helping the elderly around, be friendly to the peers etc.)

We wish all the great for your summer holiday time. May all the pleasure in the world embrace you, let your fun endless with friends and family.

> Note : Kindly do all the Holiday Assignments neatly and submit it latest by July 10, 2023.

## SUBJECT - ENGLISH

## Read a novel (genre : Science, History or Travel Literature).

* From the story you have read, you need to write down :-
- the review of the book
- the plot
- characters in the story along with your favourite characters and why you like them.
- an incident which impressed you the most.

NB: Word limit :500-600 words.

* On A4 sized sheets compile the work in a file and submit the same on the first week of the reopening of the school after the summer vacations .

India's role in the G20: How it can contribute to global economic growth and stability, the origin of G20, its significance and member nations.

Throw light on this aspect. Word limit 250.
Make a beautiful poster which represents G20 and write slogan/ quote on it.
$\qquad$

## SUBJECT - HINDI

## ग्रीष्मकालीन गृहकार्य

प्रश्न 1. रहीम/कबीर का जीवन परिचय देते हुए उनका चित्र चिपकाइए तथा कोई पाँच दोहे, चौपाई व पद लिखिए।

प्रश्न 2. ‘सच्चाई की ताकत' शीर्षक पर लघुकथा लिखिए तथा उससे मिलने वाली शिक्षा लिखिए।
प्रश्न 3. अनुप्रास अलंकार, यमक अलंकार, उपमा अलंकार एवं रूपक अलंकार के दो-दो उदाहरण दीजिए।
प्रश्न 4. 'दो बैलौं की कथा' पाठ के माध्यम से जो ग्राम्य संस्कृति की झलक मिलती है, वह आपके आस-पास के वातावरण से कैसे भिन्न है। अपने शब्दों में लिखिए।

## SUBJECT - SANSKRIT

## ग्रीष्मकालीन गृहकार्यम

1. निम्नलिखित सर्वनाम-शब्दरूपाणि अपनी उत्तरपुस्तिका में स्पष्ट तथा सुन्दर हस्तलेखन में लिखें तत् (तीनों लिंगों में), एतत् (तीनों लिंगों में), इदम् (तीनों लिंगों में)।
अस्मद् तथा युष्मद्।
कंठस्थ/याद कर के संस्कृत की उत्तरपुस्तिका में सुंदर ढंग से लिखिए।
2. धातुरूपाणि-(परस्मैपदी) : पठ्,ग््-गच्छ्, वद् ,भू-भव्, क्रीड्, नी, दृश, अस्, कृ, पा-पिब् धातुओं को लट्लकार, लृट्लकार, लोट्लकार, लङ्लकार तथा विधिलिंङ्लकार में लिखिए। (आत्मनेपदी) : लभ् तथा सेव् धातुओं को लट् तथा लृट्लकार में लिखिए।
3. "जी-20" समूह में आने वाले सभी देशों के नाम लिखें तथा इनमें से किन-किन देशों में संस्कृत भाषा का प्रचलन है उनसे संबंधित चित्र एवं विवरण पर आधारित प्रयोजना (Project) A4 शीट पर तैयार करें।

## SUBJECT - MATHEMATICS

## General Instructions :

- Holiday Assignment consists of Multiple Choice questions, Assertion and Reasoning questions Case based questions and solve the following questions.
- All the work to be done in A4 sized ruled sheets which are to be arranged in a stick file.
- All the best! Stay Home, Stay Safe!


## Multiple Choice Questions

Q. $1 \quad(65.61)^{1 / 8}$ is equal to
(a) $\frac{3}{\sqrt[4]{10}}$
(b) 0.3
(c) 0.03
(d) $\frac{3}{\sqrt{10}}$
Q. 2 If $7^{5 x-8} \times 5^{x+2}=30625$, then $x=$
(a) 4
(b) 3
(c) 2
(d) 1
Q. $3 \quad$ The value of $\left\{2-3(2-3)^{3}\right\}^{3}$, is
(a) 5
(b) 125
(c) $1 / 5$
(d) -125
Q. 4 When simplified $\left(x^{-1}+y^{-1}\right)^{-1}$ is equal to
(a) $x y$
(b) $x+y$
(c) $\frac{x y}{x+y}$
(d) $\frac{x+y}{x y}$
Q. 5 The value of $\sqrt{3-2 \sqrt{2}}$, is
(a) $\sqrt{2}-1$
(b) $\sqrt{2}+1$
(c) $\sqrt{3}-\sqrt{2}$
(d) $\sqrt{3}+\sqrt{2}$
Q. 6 If $x=7-4 \sqrt{3}$, then $x+\frac{1}{x}=$
(a) $8 \sqrt{3}$
(b) 49
(c) 48
(d) 14
Q. 7 The simplest rationalizing factor of $\sqrt[3]{500}$ is
(a) $\sqrt{5}$
(b) 3
(c) $\sqrt[3]{5}$
(d) $\sqrt[3]{2}$
Q. 8 The abscissa of any point on $y$-axis is
(a) 0
(b) 1
(c) -1
(d) any number
Q. 9 The distance of the point $P(4,3)$ from the origin is
(a) 4
(b) 3
(c) 5
(d) 7
Q. 10 The area of the triangle formed by the points A $(2,0), B(6,0)$ and $C(4,6)$ is
(a) 24 sq. units
(b) 12 sq. units
(c) 10 sq. units
(d) none of these

## Assertion Reasoning Questions

Direction of questions : In the following questions, A statement of Assertion (A) is followed by a statement of Reason (R).
(A) Both (A) and (R) are true and (R) is the correct explanation of (A).
(B) Both (A) and (R) true but (R) is NOT the correct explanation of (A).
(C) (A) is true but (R) is false.
(D) (A) is false and (R) is true.
Q. 11 Assertion (A) : If $x$ and $y$ are rational and irrational numbers respectively, then $x+y$ is an irrational number.

Reason (R): If $x$ and $y$ are two irrational numbers, then $x+y$ is an irrational number.
Q. 12 Assertion (A) : 0.7 and $0.00323232 \ldots$. . are rational numbers.

Reason (R) : If the decimal expansion of a real number is either terminating or nonterminating recurring it is a rational number.
Q. 13 Assertion (A) : If $(16)^{2 x+3}=(64)^{x+3}$, then $4^{2 x-2}=256$

Reason (R): If $a \neq 0, \pm 1$, then $a^{m}=a^{n} \Rightarrow m=n$ and $\left(a^{m}\right)^{n}=a^{m n}$
Q. 14 Assertion (A) : The perpendicular distance of the point $\mathrm{P}(4,-7)$ from $x$-axis is 4 .

Reason (R): The perpendicular distance of a point from $x$-axis is the absolute value of its $y$ coordinate.
Q. 15 Assertion (A) : The perpendicular distance of the point (3, -7 ) from $x$-axis is 3 .

Reason ( $\mathbf{R}$ ): The perpendicular distance of the point $(x, y)$ from $x$-axis is $|y|$.
Q. 16 Assertion (A) : $\left[\left\{\left(\frac{1}{7^{2}}\right)^{-2}\right\}^{-1 / 3}\right]^{1 / 4}=7^{-1 / 3}$
$\operatorname{Reason}(\mathbf{R}):\left(\left(a^{m}\right)^{n}\right)^{s}=a^{m n s}, a>0$

## Case Study Based Questions

Q. 17 Aarushi and Avni are playing with match-sticks by making different geometrical and other figures. Avni kept on match-stick horizontally and then two match-sticks vertically as shown in figure and then asks Aarushi to join the open ends of horizontally and vertically placed strings by a thread. Avni's elder sister Mira comes and ask them to find the length of the thread if each matchstick is of unit length.


Aarushi replies that the length of the thread can be found by using Pythagoras Theorem and it is equal to $\sqrt{1^{2}+2^{2}}=\sqrt{4+1}=\sqrt{5}$ unit using your knowledge about numbers, answer the following questions.
(i) $\sqrt{5}$ is
(a) a rational number
(b) an irrational number
(c) an integer
(d) a whole number
(ii) The decimal representation of an irrational number is
(a) terminating
(b) non-terminating recurring
(c) non-terminating non-recurring
(d) not possible
(iii) The decimal representation of a rational number cannot be
(a) terminating
(b) non-terminating
(c) non-terminating repeating
(d) non-terminating non-repeating
(iv) The sum of any two irrational numbers is
(a) always an irrational number
(b) always a rational number
(c) always an integer
(d) sometimes rational, sometimes irrational
Q. 18 Ravish and Aarushi decided to visit world book fair which is organised every year. During their visit Aarushi was fascinated by the cover page of a book with $\pi / e$ written on it. $\pi$ and $e$ are mathematical constants. In Euclidean geometry $\pi$ is defined as the ratio of a circle's circumference to its diameter. It is also referred to as Archimede's constant. The constant $e$ is known as Euler's number and it is the limiting value of $\left(1+\frac{1}{n}\right)^{n}$ as $n$ approaches infinity. Using the knowledge of rational and irrational numbers answer the following questions.
(i) $\pi$ Represents
(a) an integer
(b) a rational number
(c) an irrational number
(d) a natural number
(ii) $e$ represents
(a) a natural number
(b) an integer
(c) a rational number
(d) an irrational number
(iii) The product of any two irrational numbers is
(a) always an irrational number
(b) not necessarily an irrational number
(c) never an irrational number
(d) always an integer
(iv) A rational number between $\sqrt{2}$ and $\sqrt{3}$ is
(a) $\frac{\sqrt{3}-\sqrt{2}}{2}$
(b) $\frac{\sqrt{3}+\sqrt{2}}{2}$
(c) $1 . \overline{6}$
(d) $0 . \overline{2}+0 . \overline{3}$
(v) Which of the following is true?
(a) $\pi=\frac{22}{7}$
(b) $e=2.71$
(c) $\pi$ and $e$ are irrational numbers
(d) The sum of two irrational numbers is an irrational number
Q. 19 Class IX students of a school in Moti Nagar, Delhi have been allotted a rectangular plot of land, adjacent to their school, for gardening activity. Saplings of Gulmohar are planted on the boundary at a distance of 1 m from each other. There is a triangular grassy lawn in the plot as shown in figure. The students are to sow seeds of flowering plants on the remaining area of the plot. Considering A as origin, AD
 along $x$-axis and AB along $y$-axis, answer the following questions.
(i) The coordinates of A are
(a) $(0,1)$
(b) $(1,0)$
(c) $(0,0)$
(d) $(-1,-1)$
(ii) The coordinates of P are
(a) $(4,6)$
(b) $(6,4)$
(c) $(4,5)$
(d) $(5,4)$
(iii) The coordinates of R are
(a) $(6,5)$
(b) $(5,6)$
(c) $(6,0)$
(d) $(7,4)$
(iv) The coordinates of D are
(a) $(16,0)$
(b) $(6,0)$
(c) $(0,16)$
(d) $(16,1)$
(v) The coordinates of P , if D is taken as the origin, DA along negative direction of $x$-axis and DC along $y$-axis, are
(a) $(12,2)$
(b) $(-12,6)$
(c) $(12,3)$
(d) $(6,10)$
Q. 20 Four persons John, Saurabh, Salim and Ratan are sitting in a courtyard at a points A, B, C and D respectively as shown in figure.


The courtyard has been divided into small squares by drawing equally spaced horizontal and vertical lines. Taking OX and OY as the coordinates axes answer the following questions:
(i) The coordinates of point A are
(a) $(4,3)$
(b) $(3,4)$
(c) $(3,3)$
(d) $(4,4)$
(ii) The coordinates of point B are
(a) $(7,6)$
(b) $(7,7)$
(c) $(6,6)$
(d) $(6,7)$
(iii) The coordinates of point C are
(a) $(9,3)$
(b) $(9,4)$
(c) $(4,9)$
(d) $(10,4)$
(iv) The coordinates of point D are
(a) $(7,2)$
(b) $(8,2)$
(c) $(6,2)$
(d) $(2,7)$
(v) The distance between John and Salim is
(a) 6 units
(b) 4 units
(c) 5 units
(d) 7 units

## Solve the following :

Q. 21 Express $0 . \overline{621}$ in $\frac{p}{q}$ form.
Q. 22 If $a=3$ and $b=-2$, find the values of: $a^{b}+b^{a}$.
Q. 23 In which quadrant do the following points lie?
(i) $(4,2)$
(ii) $(-3,5)$
(iii) $(-2,-5)$
(iv) $(4,-2)$
Q. 24 Assuming that $x, y, z$ are positive real numbers, simplify $(\sqrt{x})^{-2 / 3} \sqrt{y^{4}} \div \sqrt{x y^{-1 / 2}}$.
Q. 25 Rationalise the denominator and simplify $\frac{2 \sqrt{3}-\sqrt{5}}{2 \sqrt{2}+3 \sqrt{3}}$.
Q. 26 In the following determine rational numbers $a$ and $b$ :

$$
\frac{4+3 \sqrt{5}}{4-3 \sqrt{5}}=a+b \sqrt{5}
$$

Q. 27 Plot the following points on the graph paper:
(i) $(2,5)$
(ii) $(4,-3)$
(iii) $(-5,-7)$
(iv) $(7,-4)$
(v) $(-3,2)$
(vi) $(7,0)$
(vii) $(-4,0)$
(viii) $(0,7)$
(ix) $(0,-4)$
(x) $(0,0)$
Q. 28 Simplify the following:

$$
\frac{5 \times 25^{n+1}-25 \times 5^{2 n}}{5 \times 5^{2 n+3}-(25)^{n+1}}
$$

Q. 29 Simplify : $\frac{7+3 \sqrt{5}}{3+\sqrt{5}}-\frac{7-3 \sqrt{5}}{3-\sqrt{5}}$
Q. 30 Plot the following points on the graph paper and write the name of figure thus obtained : $\mathrm{P}(-3,2), \mathrm{Q}(-7,-3), \mathrm{R}(6,-3), \mathrm{S}(2,2)$. Also, find the area of the figure formed.

## SUBJECT - SCIENCE

## General Instructions

1. Do all the questions (Physics, Chemistry \& Biology) in one notebook.
2. Write answers in a proper sequence.
3. Do neat \&clean work.
4. Draw diagrams where ever required.

## Section-A (Physics)

## Objective Type Questions

Q. 1 The shortest path between the initial and final position of the object during a given time is called
(a) Distance
(b) displacement
(c) path length
(d) speed
Q. 2 If velocity of an object increases with time, then it is called
(a) Retardation
(b) Deceleration
(c) acceleration
(d) All of these
Q. 3 The numerical ratio of displacement to distance for a moving object is
(a) Always less than 1
(b) always equal to 1
(c) always more than 1
(d) equal or less than 1
Q. 4 A particle is moving in a circular path of radius $r$. The displacement after half a circle would be
(a) Zero
(b) $\pi r$
(c) 2 r
(d) $2 \pi r$
Q. 5 The slope of distance -time graph is called:
(a) Speed
(b) acceleration
(c) average velocity
(d) displacement

## Descriptive Questions

Q. 1 Differentiate between distance and displacement
Q. 2 A truck driver slows down the truck from $66 \mathrm{Km} / \mathrm{h}$ to $30 \mathrm{Km} / \mathrm{h}$ in 10 second. Find the acceleration
Q. 3 A motor cyclist drives from A to B with a uniform speed of $20 \mathrm{Km} / \mathrm{h}$ and return back with a speed of $15 \mathrm{~km} / \mathrm{h}$. Find his average speed.
Q. 4 A car decreases its speed from $80 \mathrm{Km} / \mathrm{h}$ to $60 \mathrm{Km} / \mathrm{h}$ in 10 second. What is its acceleration?
Q. 5 A farmer moves along the boundary of square field of side 20 m in 40 s . What will be the magnitude of displacement of the farmer at the end of 1 minute 20 seconds?

## Section-B (Chemistry)

## Objective Type Questions

Q. 1 Kinetic energy of molecules is directly proportional to -
(a) Temperature
(b) Pressure
(c) Both (a) and (b)
(d) Atmospheric pressure
Q. 2 Bose-Einstein Condensate have -
(a) Very low kinetic energy
(b) Low kinetic energy
(c) High kinetic energy
(d) Highest kinetic energy
Q. 3 Which of the following has highest kinetic energy?
(a) Particles of ice at $0^{\circ} \mathrm{C}$
(b) Particles of water at $0^{\circ} \mathrm{C}$
(c) Particles of water at $100^{\circ} \mathrm{C}$
(d) Particles of steam at $100^{\circ} \mathrm{C}$
Q. $4 \quad \mathrm{CO}_{2}$ can be easily liquefied and even solidified because -
(a) It has weak forces of attraction
(b) It has comparatively more force of attraction than other gases
(c) It has more intermolecular space
(d) It is present in atmosphere
Q. 5 On converting $25^{\circ} \mathrm{C}, 38^{\circ} \mathrm{C}$ and $66^{\circ} \mathrm{C}$ to Kelvin scale, the sequence of temperature will be -
(a) $298 \mathrm{~K}, 311 \mathrm{~K}$ and 339 K
(b) $298 \mathrm{~K}, 300 \mathrm{~K}$ and 338 K
(c) $273 \mathrm{~K}, 278 \mathrm{~K}$ and 543 K
(d) $298 \mathrm{~K}, 310 \mathrm{~K}$ and 338 K

## Descriptive Questions

Q. 1 Ice, water and steam are three states of a substance and not different substances. Justify?
Q. 2 The rate of evaporation of a liquid increases on heating. Explain.
Q. 3 What is meant by particulate nature of matter? List the four characteristics of particles of matter.
Q. 4 Why do we regard liquids and gases fluids? What is the reason of fluidity?
Q. 5 Compare in tabular form the properties of solids, liquids and gases with respect to
(a) Shape
(b) Volume
(c) Compressibility

## Section - C (Biology)

## Objective Type Questions

Case study based questions

## Read the following passage $\&$ answer any four questions

Q. $1 \quad$ Vacuoles are storage sacs for solid or liquid contents. Vacuoles are small sized in animal cells while plant cells have very large vacuoles.The central vacuole of some plant cells may occupy $50-90 \%$ of the cell volume. In plant cells vacuoles are full of water, minerals and nutrients. Many substances of importance in the life of the plant cell are stored in vacuoles. These include amino acids, sugars, various organic acids and some proteins.
I) Vacuole is the cell organelle which is bounded by
a) Single membrane
b) double membrane
c) membrane less
d) cell wall
II) The vacuole found in unicellular amoeba is known as
a) Lysosome
b) Contractile vacuole
c) Oil droplet
d) Centrosome
III) The fluid filled in vacuole of plant cell is
a) Cytoplasm
b) Hydrolytic enzymes
c) Cell sap
d) Protoplasm
IV) Tonoplast is the membrane which bound the
a) Mitochondria
b) Chloroplast
c) Golgi body
d) Vacuole
V) In plant cell, the vacuole provides
a) Rigidity and turgidity
b) Flexibility
c) buoyancy
d) Protection

## Descriptive Questions

Q. 1 What do you mean by hypotonic solution? What will happen if a plant cell is kept in hypotonic solution?
Q. 2 Write any two differences between smooth endoplasmic reticulum and rough endoplasmic reticulum.
Q. 3 Why do cells have different shapes and sizes? Draw diagram of any two cells.
Q. 4 Explain structure of nucleus with the help of diagram. Write any two functions.
Q. 5 What is membrane Biogenesis? Which cell organelle is responsible for this?

## SUBJECT - SOCIAL SCIENCE

## Instructions -

1. The project should be submitted handmade only.
2. It should be prepared/ made from eco-friendly products without incurring too much expenditure.
3. Refer CBSE website (syllabus- Social Science) for the layout of the project report.
4. For details please refer disaster management supplement book.

## TOPICS (Any-one)

The 1997 Uphaar Cinema Fire in Delhi
OR
Bhopal Gas Tragedy

## OR

Tsunami

## OR

Landslides

## OR

Earthquakes

## GUIDELINES FOR SUBMITTING THE PROJECT -

1. Use readily available material.
2. It should be hand written project using original ideas.
3. You can use newspaper clippings, maps, pictures, diagrams, flowcharts, etc.
4. Each illustration should be supported with a write up / relevant to the topic.
5. The cover page should be presented in bold letters with the topic name.

Follow the sequence of the pages as given below.
a. Acknowledgement
b. Index
c. Define disaster and its types
d. Causes of the disaster
e. Extent of damage
f. Factors responsible for this disaster
g. Steps taken by the government to combat
h. Precautions to be taken
i. Legal support given to next kin of the victims
j. Do's and don'ts
k. Lesson learnt from the disaster
(NOTE- Project can be presented through File/Folder/Scrapbook etc. as well!)

## SUBJECT - BANKING

Prepare the practical file on the following topic:-

1. Explain the various types of Banks and their uses in India?
2. The function of RBI?
3. Provide a comparative table of the facilities provided in different types of accounts by any of the five banks.

## SUJET : FRANCAIS

Le devoir de vacances d'été
Ques 1. Lisez le paragraphe suivant et répondez aux questions:-
Créé en 1999 en réponse aux crises financières qui ont frappé les pays émergents à la fin desannées 1990, le G20 réunit les 19 pays les plus développées plus l'Union européenne.L'ensemble représente tous les continents habités, $80 \%$ du PIB mondial, $75 \%$ du commerce international et $60 \%$ de la population mondiale. Les pays membres du G20 estiment que la prospérité mondiale et les défis économiques font partie d'un réseau interdépendant nécessitantune coopération et un développement constante. Ainsi, le G20 se réunit régulièrement tout aulong de l'année au sein de réunions ministérielles, de groupes de travail et de ggroupesd'engagement et d'événements spéciaux pour discuter du système économique et financier international.

## Quand le G20 a-t-il été créé ?

Quelle était la raison de la formation du G20?
Quelle est la forme complète de PIB?
Quel pays préside le sommet du G20 2023 ?
Ques. 2. Complétez avec un article défini ou indéfini :1.
2. Je regarde $\qquad$ film à $\qquad$ télévision, c'est $\qquad$ film de 1967.
3. J'adore ........ films de Godard, surtout Pierrot le fou.
4. Selon moi, internet est $\qquad$ meilleure invention de ces dernières années.
5. Pour aller à $\qquad$ aéroport, prenez $\qquad$ bus 212.
6. ........ musée du Louvre est $\qquad$ musée magnifique.
7. Au restaurant, je prends toujours $\qquad$ café.
8. ........ enfants de ma sœur sont $\qquad$ élèves très sérieux.
9. J'ai pris ........ photos de la tour Eiffel, tu veux voir?
10. J'ai acheté ........ tour Eiffel comme souvenir.
11. Pour moi, $\ldots \ldots$.... bonheur, c'est ........ vacances à $\qquad$ mer.
12. J'aime $\qquad$ chats, mais le préfère $\qquad$ chiens.
Vous avez ........ chien ? -Oui, j'ai $\qquad$ chihuahua.
14. Je connais ........ restaurant délicieux, ........ chef est $\qquad$ ami.
15. chats aiment $\qquad$ poisson.
16. Luc va à la piscine $\qquad$ samedi matin.
17. Dans le bar il y a ........ femme, c'est . $\qquad$ épouse de Nicolas.
18. ........ montagne est idéale pour faire ......... activités comme $\qquad$ randonnée.
19. ........ président français parle avec $\qquad$ Premier ministre.
20. Michel a deux enfants, $\qquad$ garçon s'appelle Thomas et $\qquad$ fille s'appelle Anna.

Ques 3. Écrivez le total en chiffres puis en lettres.
$5 €+5 €+8 €=$ $\qquad$
$20 €+10 €+5 €=$ $\qquad$
$70 €+50 €+8 €=$ $\qquad$
$20 €+30 €+53 €+13 €=$ $\qquad$
$200 €+300 €+500 €=$ $\qquad$

## SUBJECT - ARTIFICIAL INTELLIGENCE

Create a presentation on following topics:
The presentation must include $10-15$ slides.
(a) A. I. and its history
(b) Domains of A.I.
(c) Project cycle of A.I.
(d) Neural network's

## SUBJECT - INFORMATION TECHNOLOGY

Students have to go for field visit to any ITeS Company/Office/Organization/call centres/ near at your residence to enquire about the followings:

- Objectives of the company
- Uses of IT for the company?

On the basis of your survey make your report and submit in file .

