JAFFNA HINDU COLLEGE

Risk Holiday Self - Education Worksheet - 2020

Grade - 06 | Information& Communication Technology

Name/Index No : ……

Mr.T.Matheepan, BIT, NDT (ICT)) & Mrs.T.Kogul, B.ICT

Answer all questions in this paper.

Give the Correct Answer

1. What is the basic functions of a computer?
   ……
2. Write five examples for input devices?
   ……
3. Write five examples for output devices?
   ……
4. Write five examples for embedded devices?
   ……
5. Write down the two applications of ICT in the hospitals?
   ……
6. Write down the two applications of ICT in the Agriculture sector?
   ……
7. Write five examples for storage devices?
   ……
8. Write down the two applications of ICT in the classrooms?
   ……
9. What is meant by hardware?
   ……
10. Give five examples for computer software?
    ……

Name the following devices



……..



……..



……..

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…… …… ……







…… …… ……



……

Identify the components of computer which are labeled with A, B, C, D, E

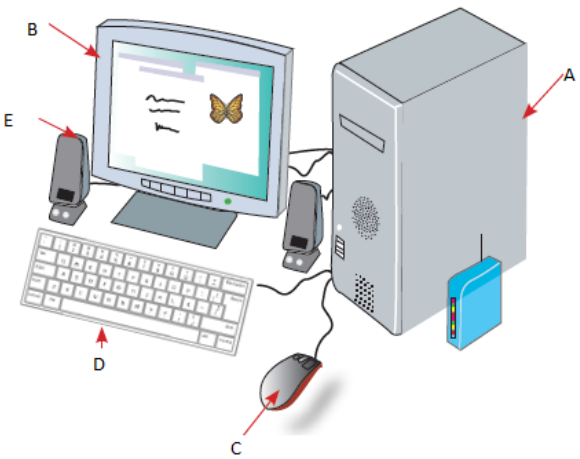
A - ……

B - ……

C - ……

D - ……

E - ……



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Unit -02 (Use the Computer Laboratory Safely)

1) Write four guidelines for your safety in computer lab?

   ……

   ……

2) Write five guideline for devices safety in computer lab?

   ……

   ……

3) Write the steps to operate the computer?

   ……

   ……

4) Write two examples for computer ethics?

   ……

   ……

5) Write down the five correct postures to be followed while using the computer?

   ……

   ……

6) Write down the 3R system method of disposed electronic waste properly?

   ……

   ……

7) Write three guidelines for setting a password for a computer?

   ……

   ……

8) Write down the three examples for tasks that can be done by a computer?

   ……

   ……

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JAFFNA HINDU COLLEGE

Risk Holiday Self - Education Worksheet - 2020

Grade - 06 | Citizenship Education

Name/Index No : …… Mr.T.Rubaseelan, B.A, M.Ed, PGDE

Our school

Let us identify the school

1) What were the factors that causes to start your school?
……
……
……
2) Give the names of the individuals who pioneered the establishment of your school.
……
……
……
3) Under whose thought was the Jaffna Hindu College established?
……
4) Give the location and the date on which your school was started?.
……
……
5) What is considered as the school's history?
……
……
……
……
6) Name the Grama Niladhari Division and the Divisional Secretary Division where your school is located.
……
……
7) Name two famous alumni who originated from your school.
……
……
8) Mention three people who can help you learn about your history of school.
……
……
9) Mention programs for carried out for college students who affected by a natural disaster called Covid 19.
……
……
……
……

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10) Draw and paint your school.

Organizational structure of your school

11) What is Organizational structure?

……

……

12) Draw a sample of your school organizational structure.

……

……

13) Name the various people who are members of the school organizational structure.

……

……

14) Name the duties of Principal as the Head of School.

……

……

15) Specify the duties of the teachers in the school.

……

……

16) Mention your duties as a student.

……

……

17) Name the various groups that are involved in the school structure.

……

……

……

……

18) Write a poem in your mind about the services rendered by those who are members of your school to those affected by natural disaster Covid 19.

……

……

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……

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19) "The School is a Social Institution that contributes not only to individual development but also to social development". accordingly give the services rendered by school.

……
……

One's good qualities

20) What are the best virtues found in you?

……
……

21) Mention the occasions when you express virtues and occasions where virtues are expressed

……
……

22) Mention the skills that you have and the instances where you have demonstrated those skills.

……
……

23) Give the opportunities where your skills are expressed.

……
……

24) What techniques can be used to enhance interpersonal skills?

……
……

25) Who is known as the father of free education?

……
……

26) Mention some of your weaknesses.

……
……

27) Describe the procedures to be followed to minimize weaknesses.

……
……

28) Who was the first Professor of Pharmacology in Sri Lanka?

……
……

29) What is the expansion of WHO?

……
……

30) Who is the current President of the World Health Organization?

……
……

31) State opportunities where you achieving your goals.

……
……

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Let us work to a Plan

32) State the benefits of planning.

……
……

33) Give the occasion when working according to a plan at your school?

……
……

34) What is School Culture?

……
……

35) Why do you need a system of rules and regulations?

……
……

36) What are the most common rules and regulations followed in school for students?

……
……

37) What is tradition of school?

……
……

38) What are the Importance of safeguarding traditions?

……
……

Unique identity of the school

39) Mention the following of your school.

1. Motto -

   ……
   ……

2. Vision statement -

   ……
   ……
   ……
   ……

3. Mission statement -

   ……
   ……
   ……
   ……

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40) Draw your school logo (Crest).

41) What are the occasions when school crest is used?

……

……

42) Draw your school flag.

43) Name the instances where the school flag is hoisted.

……

……

44) Who composed your school anthem?

……

……

45) What are the missions of the school anthem?

……

……

46) What are the occasions when a school anthem is played?

……

……

47) What are your rights as a member of the school community?

……

……

……

……

48) State the facilities provided by the government to protect the rights of the students and develop their skills.

……

……

……

……

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49) Draw graphs that shows the interactions of school and community.

50) What are the services rendered by the school to the community?

……

……

51) Mention the services rendered by the community to the school?

……

……

……

……

52) What information are provided by the school to the community?

……

……

……

……

53) Mention the members of the School Development Committee.

……

……

54) What is child friendly School?

……

……

55) What are the characteristics of a child friendly school?

……

……

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JAFFNA HINDU COLLEGE

Risk Holiday Self - Education Worksheet - 2020

Grade - 06 | Geography

Name/Index No : …… Mr.T.Rubaseelan, B.A, M.Ed, PGDE

Answer to all Questions

The School and its Immediate Surroundings

1) What is a school?

……

……

……

2) Name the various environments where schools are located in Sri Lanka.

……

……

……

……

3) Name the following administrative units belongs to your school.

- Grama Niladhari Division
- Divisional Secretary Division
- District
- Province

4) How does a Grama Niladhari Division made up of?

……

……

5) Mention the Grama Sevaka Division belongs to your school.

……

6) Give five duties of the Grama Niladhari.

……

……

……

……

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7) Give the number of districts in Sri Lanka and name them.

……

……

……

……

……

……

8) Name the provinces of Sri Lanka.

……

……

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……

……

9) Name the provinces of Sri Lanka and their respective districts.

……

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……

10) Mention the educational administrative divisions belongs to schools in Sri Lanka.

……

……

……

11) Name the following about your school.

- Educational department
- Zone
- Province

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12) Name the various boundaries that define your school premises.

……

……

13) Name the buildings located in the immediate surroundings of your school.

……

……

……

14) Name three public places located in the immediate surroundings of your school.

……

……

……

15) Draw a sketch map of your school .



16) Mention three importance of direction.

……

……

……

17) Give the instrument used to find direction.

……

18) Specify the four main directions.

……

……

……

……

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19) Specify the sub directions.

……

……

……

……

20) What is weather?

……

……

……

21) Mention the various weather conditions.

……

……

……

……

22) Name five weather elements.

……

……

……

……

……

23) Specify the following weather elements and the unit used to measure them.

- Temperature
- Rainfall
- Wind speed
- Wind direction
- Clouds

24) Paste the images of the following instruments.

- Thermometer
- Rain gauge
- Anemometer
- Wind direction indicator

25) Explain the step by step process of rainfall.

……

……

……

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……

……

26) What is breeze?

……

……

27) What is storm?

……

……

28) Mention the process by which the clouds are formed.

……

……

……

29) Name the various clouds.

……

……

30) What is a weather report?

……

……

……

31) Name the institution that produces the weather report.

……

32) Name the persons who needs weather report and its information.

……

……

……

33) Mention the benefits of knowing the weather forecast.

……

……

……

34) Give two main categories of geographical features.

……

……

35) Mention five natural geographical features.

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……

……

……

……

36) Mention five man-made geographical features.

……

……

……

……

Nature of the Land in the Immediate Surroundings of the House

37) Mention the various physical landscapes in which houses are located in Sri Lanka.

……

……

……

……

38) Mention the benefits of living in the following physical landscapes.

- Village
- Urban
- Estate

39) Mention the disadvantages of living in the following physical landscapes.

- Village
- Urban
- Estate

40) Mention the factors that influence the diversity of plants.

……

……

……

……

41) Name three migrant birds found in Sri Lanka.

……

……

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42) Mention the five benefits of a plant.

……

……

……

……

……

43) Mention the benefits of the following organisms.

- Parrot
- Crow
- Crow-pheasant
- Dragonfly
- Bat
- Termite
- Earthworm

44) Name five plants that are found in your home.

……

……

……

……

……

45) Name five animals that harm humans.

……

……

……

……

……

46) Name the different ethnic groups found in Sri Lanka.

……

……

……

……

47) Mention the various religious groups found in Sri Lanka.

……

……

……

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48) Mention the occasion where the neighbor acts in cooperation.

……

……

……

……

49) Mention two religious ceremonies celebrated by Buddhists.

……

……

50) Mention two religious ceremonies celebrated by the Hindus.

……

……

51) Mention the three main sectors of economic activity.

……

……

……

52) Name the various land uses of agricultural activity.

……

……

……

……

53) Name the various agricultural activities of Sri Lanka.

……

……

……

54) Mention the different areas where fishing in Sri Lanka.

……

……

……

55) Name the various types of industrial activities of Sri Lanka.

……

……

……

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56) Name places which are famous for industries based on traditional technological skills in Sri Lanka.

……

……

……

……

……

……

57) Specify the five services that you receive in your daily life.

……

……

……

……

……

58) Specify the three services that are provided by the government free of charge.

……

……

……

59) Mention the two services offered at concessionary rates.

……

……

60) Specify two services provided by charging money.

……

……

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JAFFNA HINDU COLLEGE

Risk Holiday Self - Education Worksheet - 2020

Grade - 06 | Health and physical Education

Name/Index No : …… Mrs.K.Keetha, B.Sc, NDT

Unit 01

01. Explain the concept of Health?

……..

……..

02. Write 5 Factors that required for proper physical well being.

……..

……..

03. Write 4 activities to get fresh air from the environment.

……..

……..

04. Write 3 good habits to maintain personal hygiene.

……..

……..

05. Write the abbreviation of "WASH"

……..

……..

06. Write the Six steps in the correct method of hand washing?

……..

……..

07. What are the factors should be considered when selecting food?

……..

……..

08. What are the benefits of engaging in ecercises?

……..

……..

09. Why adequete rest and sleep are important to maintain physical well being?

……..

……..

10. Give 4 features of a pleasant environment

……..

……..

11. Explain Japanese 5's Concept.

……..

……..

12. What are the features that determine physical well-being of person?

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……..
……..

13. What is overnutritional state?

……..
……..

14. What is undernutritional state?

……..
……..

15. What indices are used to measure the nutritional status of person.

……..
……..

16. How to calculate BMI of a person?

……..
……..

17. How to calculate waist circumference of person?

……..
……..

18. What is physical fitness?

……..
……..

19. What is immunity?

……..
……..

20. Give 4 good habits for mental well -being?

……..
……..

21. What factors influencing in appearance of a person?

……..
……..

22. Give 4 examples for creative activities?

……..
……..

23. Give 4 entertainment activities?

……..
……..

24. What are the factors should be considered when making a decision?

……..
……..

25. Write 4 characteristic of person with mental well being?

……..
……..

26. What are the features of a person with good self control?

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……..
……..

27. What activities that can be practised to cope with stress in life?

……..
……..

28. What are the situations causes harmful emotions?

……..
……..

29. How to control the harmful emotional in unplesant situations?

……..
……..

30. What are the habits that develop social well-being?

……..
……..

31. Write 4 skills of a person with social well-being?

……..
……..

32. What are the benefits of maintain good inter personal relationship with others?

……..
……..

33. What is empathy?

……..
……..

34. What is flexibility?

……..
……..

35. What are the factors that would help to build spiritual well-being?

……..
……..

36. Write 4 qualities of a person who has spiritual well-being?

……..
……..

Unit – 03

01. What is posture?

……..
……..

02. What are the factors that effect personal appearance?

……..
……..

03. What are the type of postures?

……..
……..

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04. Give an example for above mentioned type of postures in question 3?

……..

……..

05. Give the type of correct standing postures?

……..

……..

06. Which situation where you should stand at attention?

……..

……..

07. In which situation where normally stand at ease?

……..

……..

08. Which type of Standing posture is suitable when you have to stay long?

……..

……..

09. What are the parts of a feet?

……..

……..

10. Explain correct sitting postures?

……..

……..

11. Explain correct walking posture?

……..

……..

12. What should not do when lifiting something heavy?

……..

……..

13. What should do when pushing and pulling objects?

……..

……..

14. What are the factors should be considered when selecting a healthy school bags?

……..

……..

15. What are the situations causes bad postures?

……..

……..

16. What are the benefits of maintain correct postures?

……..

……..

Unit – 04

01. What are the physically ralated benefits gain by engaging in sport activities?

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……..
……..

02. What are the socio mentaly related benefits gain by engaging in sports activities?

……..
……..

03. What are the features of minor games?

……..
……..

04. Give 2 minor games thar can be played by yourself?

……..
……..

05. Give 2 minor games that can be played in pairs?

……..
……..

06. Give 2 minor games that can be played with a few or groups of people.

……..
……..

07. What is the importance of leadup games?

……..
……..

08. What is organized games? give 2 examples?

……..
……..

09. What are the common features of organized games?

……..
……..

10. Why rules and ragulations are necessary for games?

……..
……..

11. Draw the vollyball court with measurements?

……..
……..

12. Give the legmovement activities related to volleyball?

……..
……..

13. Give the activities that can be done alone to proper ball handling in vollyball.

……..
……..

14. Give the activities that canbe done in pairs to proper ball handling in vollyball.

……..
……..

15. Give the activities to be done in group to proper ball handling in volley ball.

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……..
……..

16. Draw the netball court with measurements?

……..
……..

17. What are the activities that develop footwork for netball.

……..
……..

18. What are the activities that can be done to proper ball handling in netball?

……..
……..

19. Draw the court of football ground?

……..
……..

20. Give the activities to develop skill of kicking in football.

……..
……..

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JAFFNA HINDU COLLEGE

Risk Holiday Self - Education Worksheet - 2020

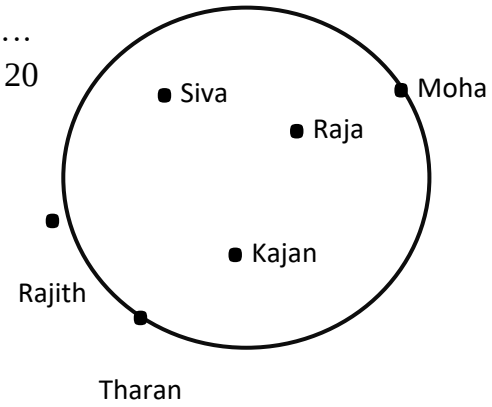
Grade - 06 | Mathematics

Name/Index No : …… Mrs.S.Vimalan, B.Sc, PGDE

Give the Correct Answer

1. Write 5 cirular shaped objects in your environment.
   ……
   ……..
2. Draw a circle and mark the point A on the Circle.

3. How many symmetric axis are in a circle.
   ……
   ……..
4. In a competition of throwing darts onto a circular board by standing at a location in front of it. 30 points are awared if the dart hits the centre of the circle, 20 points are awarded if the dart hits the circle and 10 points are awared if the dart hits the inside of the circle. But no points are awared if the dart hits the outside of the circle. A group of students participated in the above competition. the figure indicated where the darts thrown by each of the students hit the board.



   I. who are the students who were awared 30 points.
   ……
   II. who are the students who were awared 20 points.
   ……
   III. who are the students who were awared 10 points.
   ……
   IV. who are students who did not receive and points.
   ……
   V. If each of these students is given one more opportunity to throw dart. what is the maxmium points that kajan and tharan receives.
   ……

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5. In850342, write the place value of 0.
   ……..……
   ……..
6. What is the place value of the sixth digit in a number from right to left.
   ……..……
   ……..
7. How many zeros are there in Ten billion.
   ……..……
   ……..
8. What is the largest number in the units period.
   ……..……
   ……..
9. Write down the largest and smallest possible number that can be written by using the digits 2,5,7 and 0 exactly once.
   ……..……
   ……..
10. In the Number 628345790
    I. What is the place value corresponding to the position of 9.
       ……...
    II. What is the value represented by 4.
       ……...
    III. Write this number in the standard from
       ……...
    IV. Write this number in words.
       ……
11. Write five million five in standard digit form.
    ……..……
    ……..
12. Write down each of the following numbers by expanding in terms of the place valus.
    I. 18 : ……
    II. 576 : ……..
    III. 7543 : ……
    IV. 4305 : ……

13. Slove the following
    I. 754 + 349 = ……..……
    II. 435 + 7954 = ……
    III. 800 – 489 = ……
    IV. 3025 – 1758 = ……
    V. 76 x 54 = ……
    VI. 45 x 807 = ……
    VII. 2793 ÷ 21 = ……...
    VIII. 432 ÷ 13 = ……

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14. A vendor buys 50 mangoes, 10 mangeos are spoiled. He sells remaining mangeos. Another vendor buys 98 mangeos, 9 mangeos are spoiled. He sells remining mangeos. How many mangeos were sold by the two vendors.

……..……

……..

15. A Mother buys 15 Apples. Father buys 19 apples. They divide these all apples to their 4 children equally. How many apples were remaining.

……..……

……..

16. Express the following times in the standard form.

I. 8.43 a.m : ……..
II. 7.28 p.m : ……..
III. 11.56 p.m : ……
IV. 12.45 p.m : ……
V. 2.00 a.m : ……..
VI. 4.35 p.m : ……..

17. Saran's 2nd birthday was celebrated on 10.02.2020. write the saran's date of birth in international standard date form.

……..……

……..

18. Fill in the blanks.

I. 5 minutes = …… seconds
II. 58 minutes = ……... seconds
III. 120 seconds = …… minutes
IV. 150 seconds = …… minutes
V. 4 hours = …… minutes
VI. 210 minutes = ……... hours
VII. 350 minutes = …….. hours …… minutes
VIII. 7 days = …….. hours
IX. 144 hours = …… days
X. 200 hours = …….. days ……. hours

19. A) Add

Minutes	seconds
6	50
+7	10

hours	minutes
2	48
+7	36

days	hours
1	18
+8	09

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B) Subtract

minutes	seconds
8	15
-4	51

hours	minutes
9	28
-1	56

days	hours
6	08
-3	14

20. Write down two special features of a numberline.

……..……

……..

21. Draw a numberline and mark the numbers 2, -3 and 5.

……..……

……..

22. Write down how each inequality is discribed in words.

I. 2 > 1 - : ……

II. -3 > 2 - : ……...

III. -5 > -2 – : ……..

IV. 3 > 0 – : ……

23. Fill in the blabks by using >,<

I. -3 ___ -5

II. 2 __ 0

III. -2 __ 4

IV. 0 __ 7

V. -1 __ -4

VI. -6 __ -2

24. Write down the numbers in ascending order.

I. 0 , -2, 1, -4, -1 : ……

II. -2, 2, 0, -4, 5 : ……...

25. Write down the numbers in decending order.

I. 2, -2, 3, 0, -1 : ……...

II. -3, 3, 0, 4, -2 : ……...

26. Write down all the integers that lie between 4 and 9.

……..……

……..

27. Write down the greatest integer and smallest integer that lie between 4 and 14.

……..……

……..

28. Write down all the integers that lie between -5 and 3

……..……

……..

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29. In a certain school, there are six parallel classes in each grade 6 to 11, named 6A, 6B, 6C, 6D, 6E, 6F, 7A, 7B,7C, 7D, 7E, 7F….. etc. Each class has approximately the same number of students. the number of students in class 6A is 35. Estimate the total number of students in this school in grade 6 to 11.

……..……

……..….

30. When a certain number is rounded off to the nearest multiple of ten, the value obtained is 50. write down the values that this number can take.

……..……

……..….

31. When the number of pens in a box was rounded off to the nearest multiple of ten, the value obtained was 60.
    I. What is the lest number of pens that can be in the box

    ……...

    II. What is the most number of pens that can be in the box.

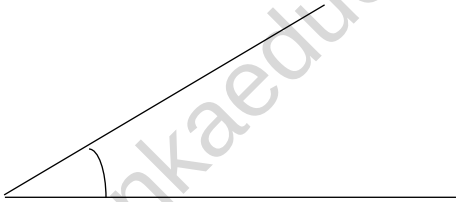
    ……...

32. The number of students in a certain class rounded off to the nearest multiple of ten was 30. When nine new students joined this class, the number of students in the class rounded off to the multiple of ten was still 30. How many students were there in the class initially.

……..……

……..….

33. Identify the arm and vertex of the angle.



34. Write 5 Examples for angles where can you see in the environment.

……..……

……..….

35. Write the types of angles.

……..……

……..….

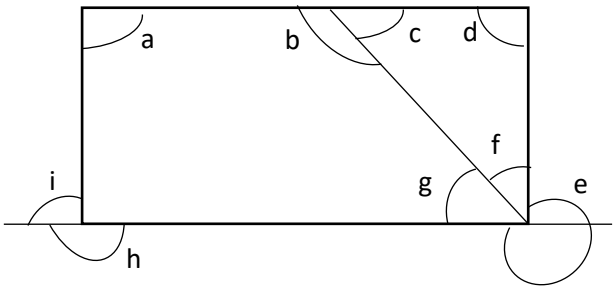
36. When was the hour hand and minute hand in right angle in the clock.

……..……

……..….

37. Write down the types of angles denoted by the letters shown in the figure.

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a –
b-
c –
d -
e –
f –
g –
h –
I –

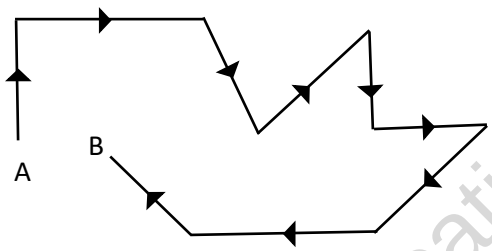
38. What are the main directions.

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……

39. What are the sub directions.

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……

40. The following figure shows the path travel from A to B. Write the directions in order from A to B.



……
……

41. Karan travelled 500m in castern direction from his house. Then he turned south direction. After travelling 250m he travelled 250 in eastern direction to reach his friend's house.

I. Draw a rough diagram for the path of karan.

II. Find the total distance travelled by karan.

……

42. which instrument is used to know the horizontal position.

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……..……
……..
43. Which instrument is used to know the vertical position.
……..……
……..
44. Write two directions which is perpendicular to the south west direction.
……..……
……..
45. How we called the angle which is greater than two right angles.
……..……
……..
46. If 2109 l water was to be distributed equally amoung in 19 houses how much of water will each house get.
……..……
……..

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JAFFNA HINDU COLLEGE

Risk Holiday Self - Education Worksheet - 2020

Grade - 06 | Science

Name/Index No : ……

Mrs.K.Senthuran, NDT(Science)

Unit 01 - Wonders of the living world

01. What is environment?

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……

02. Write 3 examples for natural environment.

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……

03. What is growth?

……

……

04. Classify the given as living and non-living.
(Pencil, Mango tree, Stone, Squirrel, Ball)

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05. Name the main groups of living organisms.

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06. What is microorganism?

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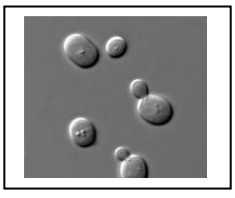
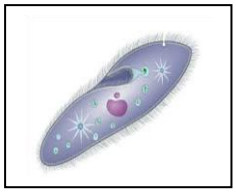
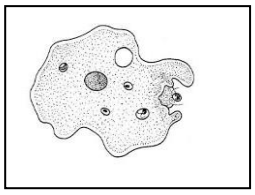
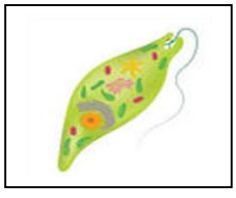
07. Give the groups of microorganisms.

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08. Identify the following microbes



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09. What are the benefits of microorganisms?

……

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10. What are the bad effects of microorganisms?

……

……

11. Name the instrument which is used to observe microorganisms in the school laboratory.

……

……

12. Give the 6 characteristics of organisms.

……

……

13. Name the instrument which is used to observe the growth of plants.

……

……

14. What are autotrophs? Give examples.

……

……

15. What are heterotrophs?

……

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16. What is photosynthesis?

……

……

17. What are the factors essential for photosynthesis?

……

……

18. Give the main and the by-products of photosynthesis?

……

……

19. What is locomotion?

……

……

20. Complete the chart.

organism	Mode of locomotion	Organ used for locomotion
Fish		
Snake		
Human		
Crow		
Butterfly		

21. Give 2 examples for plants movements.

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22. Name the gases which are inhaled and exhaled during respiration.

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23. What is reproduction?

……

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24. Give the differences between plants and animals.

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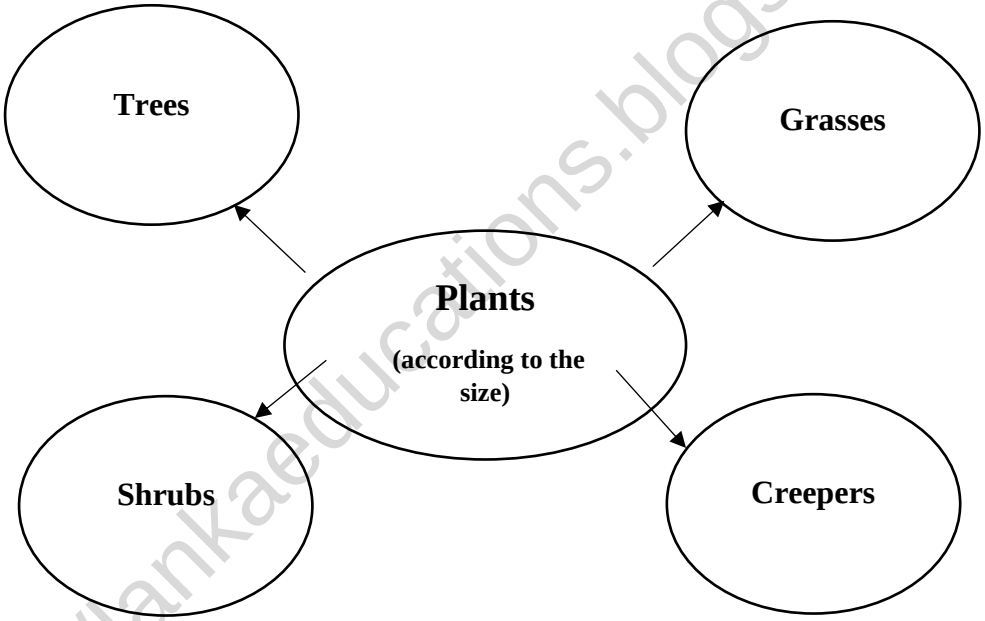
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25. Write the similarities between plants and animals.

……

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26. Paste 3 suitable pictures into the given ovals



27. How to called the diversity which plants have the diversity in root, stem, leaf, fruit, flower, seed, and bud?

……

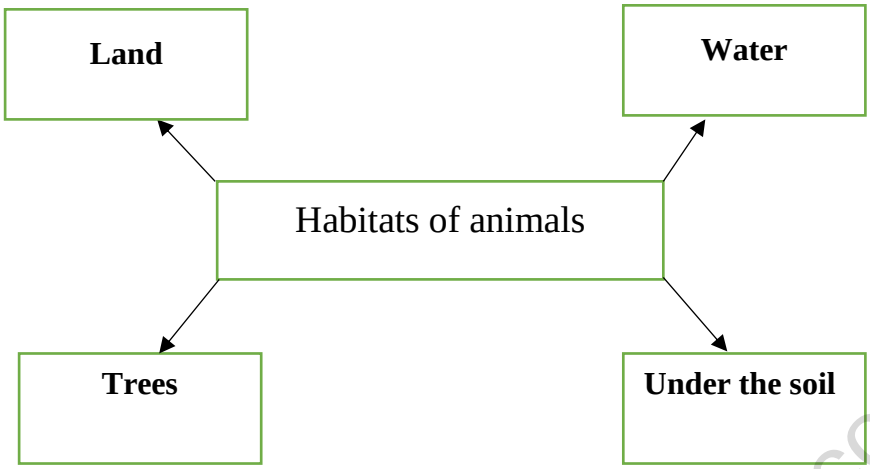
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28. Plants have diversity in habitat. Give 2 examples for the given habitats.

1) Terrestrial environment : ……
2) Aquatic environment : ……
3) Sea shore environment : ……
4) Mangrove environment : ……
5) Xerophytic environment : ……
6) Epiphyte : ……

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29. Paste the suitable animals live in given habitat



30. Complete the table

Mode of locomotion	Examples
Walking	
Swimming	
Crawling	
Flying	

31. Explain the given words and give 3 examples for each.

(01)Herbivore

(02)Omnivore

(03)Carnivore

32. Explain why plant and animal diversity is important for the environment

……

……

33. What is dichotomous key?

……

……

34. Write the features of dichotomous key.

……

……

35. Classify the given organisms by using the dichotomous key.

1) Paddy, Mango tree, Guava, Shoe flower, Coconut tree

……

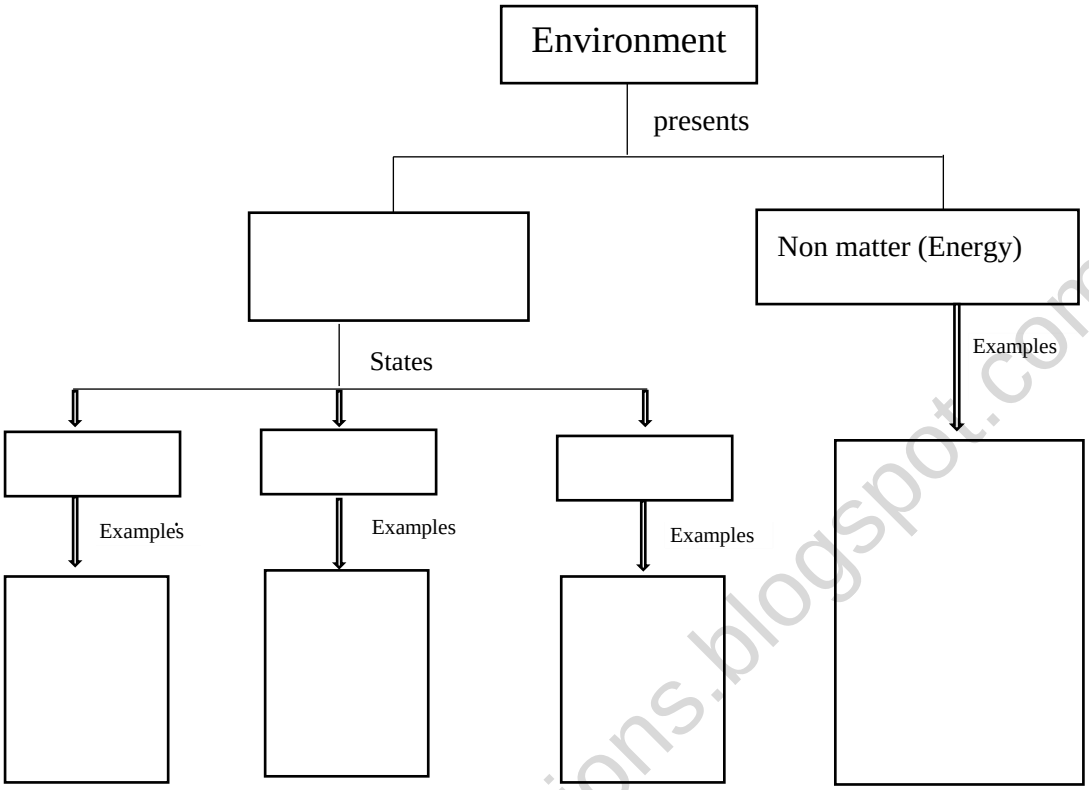
2) Earthworm, Cat, Butterfly, Hen, Cow

……

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Unit 02 - Things around us

1. Complete the concept map.

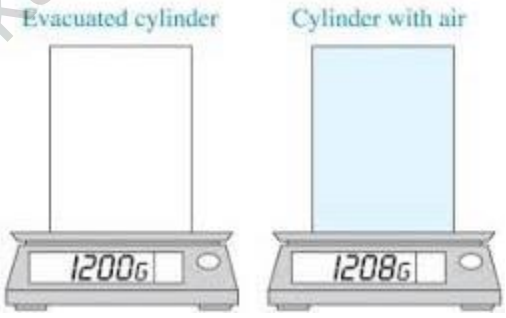


2. Write an experiment to show air occupies space.

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3. What is your conclusion related to given experiment?



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4. What is mass? What is the SI unit of mass?

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5. What is the relationship between kilogram and gram?

……

……

6. What are the differences between matters and non-matters?

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7. Complete the given chart

Solids	Liquids	Gases
Have a definite shape		
	Have a definite volume	

8. Explain with using pictures that liquids do not have a definite shape, it's take the shape of the containers

……

……

9. How to explain gases do not have a definite shape?

……

……

10. Complete the chart

Properties of matter		Examples
Hardness		Diamond Steel
Malleability		
Ductility		
Elastic nature		
Brittleness		
Texture	Smooth	
	Rough	

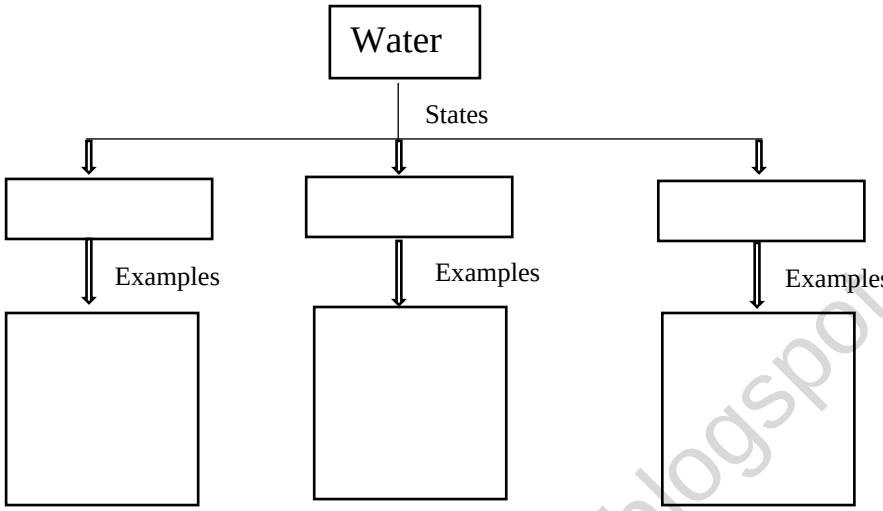
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Unit 03 - Water as a natural resource

1) Give the properties of water.

……

2) Complete the concept map



3) Write an experiment to show, Water vapour present in the atmosphere.

……

……

4) Give examples for the types of water based on availability.

Precipitation	Surface water	Underground water

5) Give the types of water based on salinity and give two examples for each.

……

……

6) Water is a universal solvent, explain briefly.

……

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7) List out the uses of water.

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8) Write the importance of water for living organisms.

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9) Investigate the ways of water pollution.

……

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10) Discuss about the solutions for prevent the water pollution.

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