SUMMER HOLIDAYS HOMEWORK
SESSION 2017-18
CLASS VI

ENGLISH
Do each of the following on A-3 size sheets and put them in a handmade folder.

1. Write the **verb forms** on A3 size sheet.
2. Write three new words daily with their meanings and frame sentences on them. Use the
   following sources to make your personal dictionary. newspapers, magazines, storybooks,
   novels etc.
3. Do the comprehension passages in the BBC. (Term I Module I. Passages 1-5)

HINDI

1. निम्नलिखित विषयों पर ए 3 साइज़ शीट पर आकर्षक पोस्टर बनाओ|

   क जल संरक्षण   (अनुक्रमांक 1 से 9)

   ख वन संरक्षण   (अनुक्रमांक 10 से 18)

   ग भूमि संरक्षण   (अनुक्रमांक 19 से 27)

   घ वायु संरक्षण   (अनुक्रमांक   28 से 35)

2. निम्नलिखित विषयों पर सुंदर लिखाई में 100 से 120 शब्दों में अनुच्छेद व्याकरण कॉपी में लिखिए:-

   क ग्लोबल वार्मिंग

   ख विद्यार्थी और अनुशासन

   ग प्रदूषण की समस्या

   घ नैतिक मूल्यों का महत्त्व

   ड खेलों का महत्त्व

3. सुनहरी धूप, व्याकरण कार्य पुस्तिका व पाठ्य पुस्तक में करवाया गया कार्य याद कीजिये|

MATHS
DO THE FOLLOWING QUESTIONS IN A SEPARATE NOTEBOOK (COMPULSORY FOR ALL):

KNOWING OUR NUMBERS

1. Which number will be obtained if we add 1 to the greatest 7 digit number?   (Ans.10000000)
2. Round off the following numbers to nearest ten thousands
    a)   856243   (Ans 860000)
    b)   543215   (Ans. 540000)
3. Calculate product of place values of 2 in the number 428721.   (Ans. 400000)
4. Write the largest 4 digit number using any digit twice and digit 5 at hundreds place.   (Ans 9598)
5. What number will be obtained if we reverse all digits of the number 6350947 by keeping the 6 at same
    place.   (Ans 6749053)
6. a) Write the largest 5 digit number having 3 different digits   (Ans 99987)
    b) Write the smallest 5 digit number having 4 different digits.   (Ans 10023)
7. How many eight digits number are there in all.   (Ans 90000000)

8. Solve the following:
   a) How many lakhs make a million   (Ans 10)
   b) How many thousands make a billion.   (Ans 1000000)

9. The distance between the school and the house of Sheena is 1 km. 875 m. Every day she walks both ways between her school and home. Find the total distance covered by her in a week (Monday to Saturday).   (Ans 22km 500m)

10. Find the greatest number which when rounded off to the nearest thousands becomes 9000. (Ans 8999)

11. In one state the number of bicycles sold in the year 2015 was 7,43,214. In the year 2014 the number of bicycles sold was 8,00,112. In which year were more bicycles sold? And by how much?
                                                    (Ans 2014,56898)

12. Meena multiplied 7236 by 65 instead of multiplying by 56. How much was her answer greater than the correct answer?   (Ans 65124)

13. A vessel has 4 liter and 650 ml of curd. In how many glasses each of 25ml. capacity, can it be distributed?   (Ans 186)

14. A machine on average manufacturers 2825 screws in a day. How many screws did it produce in the month of February 2018?   (Ans 79100)

15. Medicine is packed in boxes. Each such box weighs 4kg 500gm. How many such boxes can be loaded in a truck which cannot carry beyond 800 kg.   (Ans 177)

WHOLE NUMBERS

16. Write the largest number of 6 digits and the smallest number of 7 digits. Which one of these two is larger and by how much?   (Ans. 99999 ,1000000 , larger no.1000000, by 1)

17. Write down three consecutive whole numbers just preceding 8510001. (Ans 8510000,8509999,8509998)

18. Find the product of the successor and predecessor of 99.   (Ans 9800)

19. Determine the product of the greatest number of four digits and the greatest number of three digits.
                                                    (Ans 9989001)

20. Divide 46087 by 356 and check your answer.   (Ans. Quotient=129,Remainder=163)

21. Determine the product by suitable rearrangements: 2 x 1497 x 50   (Ans 149700)

22. What are the whole numbers which when multiplied with itself gives the same number? (Ans 0 and 1)

23. The digits 6 and 9 of the number 36490 are interchanged. Find the difference between the original number and the new number.   (Ans 2970)

24. What least number must be added to 1056 to get a number exactly divisible by 23?   (Ans 2)

25. Find the largest 3-digit number divisible by 16.   (Ans 992)

26. Using distributive law, find the product of 996 and 267.   (Ans 265932)

27. Find the sum: (1546 + 498) + 3589. Also find the sum : 1546 + (498 + 3589). Are the two sums equal? State the property satisfied.   (Ans 5633, Yes, Associative Property)

28. A dozen bananas cost Rs 9. How many dozens can be purchased for Rs 1377 ?   (Ans Rs 153)

29. On dividing 59761 by a certain number, the quotient is 189 and the remainder is 37. Find the divisor.
                                                    (Ans 316)

30. 50 chairs and 30 tables were bought for a school. If each chair costs Rs 165 and each   table costs Rs 445, find the total amount of the bill.   (Ans Rs 21600)

PLAYING WITH NUMBERS

31. Find the common factors of 56 and 120.   (Ans 2,4,8)

32. Write all factors of following numbers
    a. 64   (Ans 2,4,8,16,32,64)
    b. 100   (Ans 2,4,5,10,20,25,50,100)

33. Check the divisibility of following numbers by 2 and 5
    c. 6076   (Ans Divisible by 2 but not by 5)

d. 5925   (Ans Divisible by 5 but not by 2)

34. Which of the following numbers have 15 as their factor?
    a) 15625   (Ans No)
    b) 123015   (Ans Yes)
    c) 2016   (Ans No)

35. Write the smallest four digit number and express it as a product of primes.(Ans 1000=2x2x2x5x5x5)

36. In each of the following numbers, replace * by the smallest number to make it divisible by the number given in bracket
    i.   75*5 (3)   (Ans 1)
    ii. 67*19 (9)   (Ans 4)
    iii. 467*91 (11)   (Ans 2)

37. Find the largest number that will divide398,436&542 leaving the reminders7,11,15 respectively.(Ans17)

38. 105 dogs, 140 donkeys and 175 cows have to be taken across a river. There is only one boat which will have to make many trips in order to do so. The lazy boatman has his own conditions in transporting them. He insists that he will take same number of animals in every trip and they have to be of same kind. Calculate how many animals went in each trip. (Ans 35)

39. In a seminar, the number of participants in Hindi, English and Mathematics are 60, 84 and 108 respectively. Find minimum number of rooms required if in each room the same number of participants is to be seated and all of them being of the same subject. (Ans 21 rooms)

40. Find the least number that is divisible by all the number from 1 & 10. (Ans 2520)

41. Determine the number nearest to 100000 which is exactly divisible by 8, 15 and 21. (Ans 100800)

42. Test the divisibility of following numbers by six.
    1. 63921   (Ans Not Divisible)
    2. 83512   (Ans Not Divisible)

43. Find the HCF of 1260 and 2376 by prime factorization method. (Ans 36)

44. Find the HCF of 624 and 936 by division method.   (Ans 312)

45. Find the largest number that divides 2053 and 967 and leaves a reminder of 5 and 7 respectively.(ans 64)

46. Reduce each of the following fractions to their lowest terms
    i. 161/207   (Ans 7/9))
    ii. 296/481   (Ans 8/13))

47. Find the LCM of 40, 36 and 126 by prime factorization method.   (Ans 2520)

48. In a morning walk three persons step off together. Their steps measures 80cm, 85cm and 90 cm respectively. What is the minimum distance each should walk so that they can cover a distance in complete steps? (Ans 122m 40cm)

49. A school bus picking up children in a colony having flats, stops at every sixth block of flats. Another school bus starting from the same point stops at every eighth block of flats. Which is the first bus stop at which both of them will stop? (Ans 24th block)

50. Given that H.C.F of two numbers is 16 and their product is 6400. Determine their L.C.M. (Ans 400)
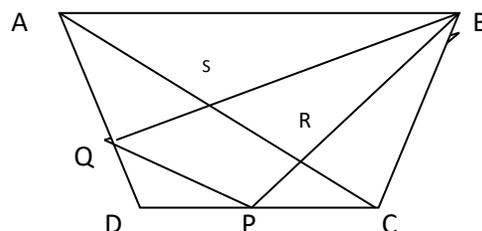
BASIC GEOMETRICAL IDEAS

51. From the figure, name:
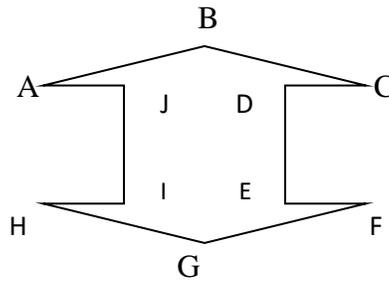   (i) The line segments that intersect at R.
    (ii) The point of intersection of line segments BQ and AC.
    (iii) Two non-intersecting line segments.

52. For the given figure answer the following questions

(i) How many line segments are there in the figure?

(ii) Is it closed polygon?

53. Draw a circle of radius 3.5 cm. In this circle show.
   (i)   Diameter AB
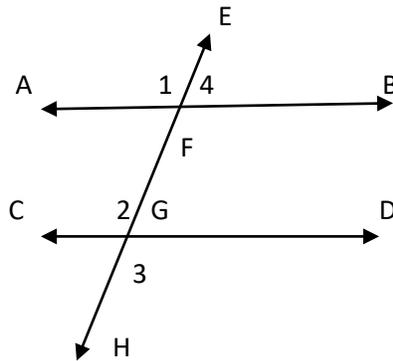   (ii)   Radius AO & OC
   (iii)   Chord CD

54. Determine the radii in each of the following cases where diameters are
   (1) 26 cm   (Ans 13cm)
   (2) 5.4 cm   (Ans 2.7cm)
   (3) 3.56 cm   (Ans 1.78cm)
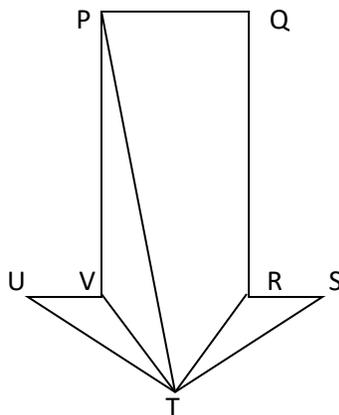
55. Determine diameters, if the radii of the circles are
   (i)   3.4 cm   (Ans 6.8cm)
   (ii)   2.1 m   (Ans 4.2m)

56. In the following figure write another names for <1 , <2 ,<3, <4.

57. How many triangles are there in the following figure? Name them.

58. Identify which of the following angles are Obtuse, Acute or reflex
   (i) 65^0
   (ii) 145^0
   (iii) 48.5^0
   (iv) 217^0
   (v) 179^0
   (vi) 105.5^0

59. Calculate measure of angle which will be formed when we move from
   (i)   East to west clockwise   (Ans 180^0)
   (ii)   South to west clockwise   (Ans 90^0)
   (iii)   North to east anticlockwise   (Ans 270^0)
   (iv)   East to west anticlockwise   (Ans 180^0)
   (v)   North to west clockwise   (Ans 270^0)
60. Draw figure according to given instructions

   i.   Lines AB and CD are parallel to each other
   ii.   Lines PQ and RS intersects both the above lines AB and C
   iii.   Intersection point of CD and RS is M
   iv.   Draw line ML such that AB ,PQ and ML are concurrent at point N

PROJECTS

Do one project according to the roll nos. using cardboard, coloured paper, sticks, glitter paper and other beautiful geometrical shapes etc. Try to give 3-D effect to the model.

Project 1. (Roll no. 1-4)

   Paste different types of coins (of different values) on a thick cardboard. Find the fraction of the following:-
   a)   No. of coins of Rs. 1 to Rs. 10.
   b)   No. of coins of Rs. 2 to Rs. 5.
   c)   No. of coins of Rs. 5 to Rs. 10.

Project 2. (Roll no. 5-8)

   Make 5 beautiful symmetrical designs with the help of origami sheets and paste them in a scrap file.

Project 3. (Roll no. 9-12)

   Representing Place Value (Refer to Activity-4 given on page number 6 and 7 of the text book)

Project 4. (Roll no. 13-16)

   Three-dimensional models of gift boxes of 4 solid shapes i.e. cube, cuboid, cylinder (Refer to Activity-8 given on page number 12 of the text book)

Project 5. (Roll no. 17-20)

   Family bar graph on A-3 size sheet.(Refer to Activity-12 given on page number 16 of the text book)

SCIENCE

PART- A

Project 6. (Roll no. 21-25)

   Visit to tailor's shop & collect small pieces of different varieties of (minimum10) fabrics & arrange it on a chart paper & label them along with their sources.

Project 7. (Roll no. 26-29)

Draw the pictures of at least 10 plants from which we get food products & paste them on A3 size paper, also write the edible parts of each plant.

Project 8. (Roll no. 30 Onwards)

1. Prepare a diet chart to provide balance diet to a 11-year-old child. The diet chart should include food items which are not expensive & are commonly available in your area.(On A3 size sheet)

Answer the questions in a separate note book

1. We get vegetables from different parts of a plant. Give an example for each of the following- stem vegetable, root vegetable, flower vegetable, fruit vegetable, leaf vegetable
2. Name the part of plant that is edible in each of the vegetables – wheat, coconut, bitter gourd, radish, grapes.
3. How decomposers help in recycling in nature?
4. List a few examples of decomposers & scavengers.
5. Unscramble the following-
    a) Organism that eats both plants & animals _____. (NVOEMOIR)
    b) A _____ can make its own food. (RRCEDOPU)
    c) A _____ breaks down organic matter. (PMEDOOCRES)
    d) An organism that feeds on other animals _____ (VIRACNEOR)
    e) The powder made by grinding wheat is called as _____ (OUFLR)
6. Is honey a plant or animal product? Give reasons.
7. Differentiate between omnivore, carnivore & herbivore.
8. Write the ingredients for making idli & sambhar.
9. Decomposers & scavengers are called nature's friend. Why?
10. Calculate the recommended daily average (RDA) intake of proteins by using the given formula –RDA (g) = 0.75 x body mass (kg). What is your weight in Kg---------------? Your RDA = _____.
11. What is RDA intake of protein for a person with the body mass 65 kg?
12. What will happen if any of the following nutrients is absent in your diet? Vitamins & minerals, roughage & water.
13. What type of diet will you suggest for a rickshaw puller? Why?
14. Complete the table -

Protective food	Where do you get it from	Why do you need it
Vitamin A		
Vitamin B		
Iron		
Calcium		

15. People living in hilly areas are likely to suffer from goiter. Why ?
16. A disease causes malfunctioning of bones due to which the legs becomes bow shaped in infants. Identify the disease & cause along with the sources of vitamin.
17. 70-80% of our body is made up of a liquid essential for our life. Write the functions of this liquid performed in our body.
18. Weave a story using the words given – silk, cocoon, silkworm, mulberry leaves, fibre, velvet.
19. How man used to cover himself before he started cultivating fibre crops ?
20. Write the process of getting jute from jute plant.
21. Make a classification map using the given words- fibre, natural, synthetic, plant fibre, animal fibre, synthetic, mixed, silk, cotton, polyester, terrycot.
22. Draw a flow chart to describe the process of getting fabric from cotton plant.
23. X & Y are natural fibres, both obtained from the stems of the plant. Fibre X is rough but strong fibre which is used for making gunny bags. On the other hand , fibre Y is comparatively much smooth fibre used to make linen cloth. Name fibre X& Y along with their uses.
24. Name the part of the plant from which (i) cotton, (ii) jute fibre, (iii) coir ,(iv) hemp are obtained.
25. What type of soil & climate is good for growing cotton ? Name any 2 states of our country where cotton is mainly grown.
26. Classify the following as natural & synthetic fibers-

Cotton, nylon, terrylene, terrywool, polyester, plastic, linen, jute, rayon, silk.
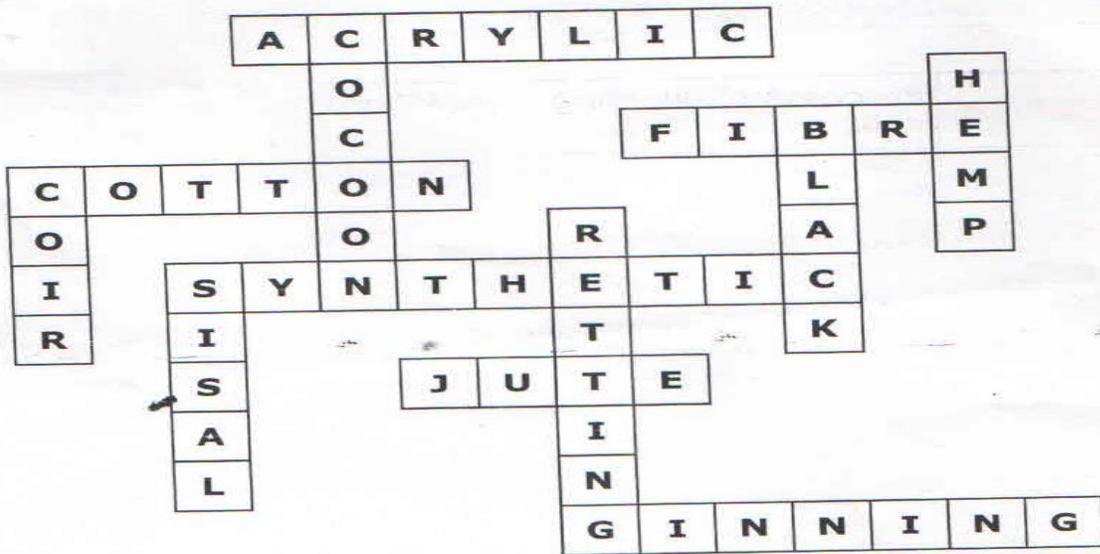
27.

Brand of cereal	Calories (kcal)	Carbohydrates (g)	Protein (g)	Fat (g)	Fibre (g)
Kellog's Corn Flakes	370	84	7	8	2.5
Quaker Oats	368	62	11	8	7
Nestle Shredded Wheat	325	65.2	11.2	2.1	12.4
Kellog's Rice Crispies	380	87	6	1	1
Kellog's Bran Flakes	320	66	10	2.5	15

Study the data given in the table & answer the following questions.

   a) Which among the five cereals contains the most energy ?
   b) Which among the five cereals contains the least fibre ?
   c) Which brand has the maximum protein ?
   d) Which brand has the maximum carbohydrates ?
   e) Why it is important to have fibre in the diet ?

28. Compare the fibre content, carbohydrate, & protein value of the given food items in above table & draw a bar graph to represent your data.

29. Write the appropriate clues for the crossword puzzle across as well as down.

30. There are 14 words hidden in the word search grid given below. Look for the words, & write a statement describing each word.

CARNIVORES, ENERGY, FLOUR, HERBIVORES, HUSK, NONVEGETARIAN, NUTRITION, OMNIVORES, PARASITES, PRODUCERS, PULSES, SCAVENGERS, SPICES, VEGETARIAN

M	P	U	L	S	E	S	D	R	T	Y	H	D	S	W
A	T	Y	B	H	S	D	T	V	A	S	Q	U	I	V
S	A	H	U	S	K	H	O	E	N	E	R	G	Y	T
P	N	Y	O	C	B	K	A	G	T	H	U	L	O	D
I	O	X	A	A	N	D	F	E	H	E	S	C	P	U
C	N	O	N	V	E	G	E	T	A	R	I	A	N	B
E	D	M	F	E	R	N	B	A	I	B	O	R	L	P
S	Y	N	U	N	J	H	A	R	R	I	P	N	K	R
S	J	I	K	G	A	T	S	I	U	V	F	I	G	O
T	N	V	L	E	Y	O	U	A	S	O	D	V	V	D
F	L	O	U	R	R	M	J	N	G	R	X	O	D	U
W	D	R	A	S	K	M	I	H	U	E	B	R	W	C
K	G	E	B	Y	L	N	T	F	K	S	V	E	R	E
B	C	S	N	P	A	R	A	S	I	T	E	S	U	R
L	N	U	T	R	I	T	I	O	N	G	C	A	P	S

SOCIAL SCIENCE

HISTORY

Answer the following questions :-
L 2 : On the Trail of the Earliest People
1. What did hunter-gatherers do to sustain themselves ?
2. Why was hunting animals difficult for the people ?
3. What do people need while hunting animals or catching fish and birds ?
4. Collecting plant produce needs a lot of precaution. How ?
5. What is the difference between perennial and seasonal rivers ?
6. How was wood used in the past ?
7. What were factory sites ?
8. Where are natural caves and rock shelters found ?
9. What suggests that people in the past used fire ?
10. Why did earlier people use fire ?
11. Name any two grain bearing grasses .
12. What is the special feature of the paintings found in Madhya Pradesh and southern Uttar Pradesh

L 3 : From Gathering to Growing Food
1. Why do farmers grow some crops in some areas and not in other areas ?
2. Which was the first animal to be tamed ?
3. Which animals were considered relatively gentle ?
4. Mention the two purposes for which grains had to be stored .
5. What do people do to store grains ?
6. Name some important sites archaeologists have found evidence of farmers and herders .
7. How do scientists help in finding out whether the discovered sites were settlements of farmers and herders ?

GEOGRAPHY
Answer the following questions :-
Lesson 2 : Globe
1. What is the globe ?
2. What are the advantages of the globe ?
3. What are the two types of lines needed to locate any point on the earth's surface ?
4. Define Latitude .
5. Define Longitude .
6. Which place is used as a standard for time all over the world ?
7. Geographically, what is the time between Dwarka in Gujarat and Dibrugarh in Assam ?
8. A particular city lies in the time zone-2. What does this mean ?
9. What does the time '12 noon signify at any place ?
10. Which heat zone does the equator lie in ?

Subject Enrichment Activities
Roll No. 1 to 36
1. Map Work : L-2 On the Trail of the Earliest People .
On an outline map of India, mark the sites from which archaeologists have found evidence of hunter gatherers (sites to be marked- Burzaham, Mehrgarh, Koldihwa, Chirand, Mahagara, Daojali Hading, Paiyampalli).

Roll No. 1 to 18
2. Model :Make a 3-D model of a Solar System on a card board .

Roll No. 19 to 36
3. Scrap file Activity :Draw the national flag and write the national anthem.

SANSKRIT

निर्देश - सभी कार्य ए-3 शीट पर करे -

संस्कृत में संख्या 1 से 10 चित्र सहित लिखें ।   (रोल न.1-40)

दस अकारांत पुलिंग शब्द चित्र सहित लिखें ।   (रोल न.1-15)

दस आकारांत स्त्रीलिंग शब्द चित्र सहित लिखें ।   (रोल न.16-25)

दस अकारांत नपुंसकलिंग शब्द चित्र सहित लिखें । (रोल न.25-35)

FRENCH

Monday- Learn and write 10 new words alongwith indefinite articles (un.une, des) from the vocabulary of L-1 2 and 3 .
Wednesday- Write and learn expressions done in the class notebook. (wishing each other and answering to it)
Friday- Learn and write counting 1 to 20 .
-Practice the expressions taught in the class by using them regularly at home.
-Make a collage of things related to France (monuments, food, famous personalities etc.)
All the written work is to be done in a separate notebook.

COMPUTER SCIENCE

ROLL NO	TOPIC
1-10	PowerPoint Presentation on "Computer Language"
11-20	PowerPoint Presentation on "Save Water"
21-30	PowerPoint Presentation on "Save Environment"
30 Onwards	PowerPoint Presentation on "My Favourite Personality"

Instructions:
- Maximum number of slides in PowerPoint Presentation should not be more than 10.
- Apply Transition and Animation Effects in the Power Point Presentation.

- Send PPT online through E-Mail on the **hhwrotary@gmail.com** up to 30th June 2017.
- Mention your Name, Class& Section, Roll No and Topic on the first/Last slide of the PPT.

Read the Chapters -1,3,4(Computer Language, Microsoft PowerPoint 2010, Animating Text and Object) from your book and answer the following questions in one word / one sentence in a thin note book: -

1. What do we call a set of instructions which tell the computer what to do?
2. Which was the first /second/third generation language?
3. Which language uses 'mnemonics codes' or 'symbols' in place of 0s and 1s?
4. What is the program written in Assembly language known as?
5. What do we call the resultant program converted into machine language?
6. Which language is machine independent?
7. Which program translates high level language into machine language?
8. Name the translator program which converts the whole program at once.
9. What is the full form of HLL and LLL?
10. What does 4GL stand for?
11. Name the first interactive computer game.
12. What do we call the intersection of row and a column in a table?
13. Which slide layout is selected to display data in a tabular format?
14. Which tool is helpful in changing the border style of a table?
15. Which option is used to change the thickness of lines in a table?
16. Which option is used to combine the data in a single cell in a table?
17. Which option is used to change the colour of the border?
18. What is the most effective way to display data in a pictorial form?
19. Name the components of a chart which includes all the area and all the objects in the chart.
20. Name the window with in chart area which contains the actual chart?
21. What is the horizontal and vertical axis of a chart known as?
22. What do we call the box that depicts the colours, patterns or symbols assigned to the data series?
23. What do we call an on-screen presentation of information/ideas presented on slides?
24. Which shortcut key is used to make a duplicate of the current slide?
25. Which symbol indicates the type of effect used in a slide?
26. Which command is used to add video clip in a presentation?
27. Name the term used for having connection from one slide to another or any other web file or web page?
28. What is the extension of a recorded sound file?
29. Name the term used for the ability to give motion to text, graphics and other contents in a slide.
30. What do we use to add visual effects to the slides?

ART & CRAFT
"Waste thing can make the best thing". Let us recycle and reuse waste product in a **BEST OUT OF WASTE** creative way.

GENERAL KNOWLEDGE
1. **Roll No. 1 to 12** – Make a decorative scrap file in which you will show the famous monuments of the world. (At least 10 monuments). Write few lines on each.
2. **Roll No. 13 to 24** – Make a decorative scrap file in which you will show the important Dams of India. (At least 10 Dams). Write few lines on each.
3. **Roll No. 25 onwards** – Make a decorative scrap file in which you will show the famous women of the world (At least 10 women). Write few lines on each.