SREE AYYAPPA PUBLIC SCHOOL
Summer Holiday Assignment: 2022-2023

Class - VII   **ENGLISH**   **F.M**

1. Make a collage by pasting the interesting and eye catchy headlines from any two English newspaper.
2. Newspaper reading and vocabulary- Read English newspaper everyday during your holidays and make your personal dictionary of 30 unfamiliar words with the meanings.
3. Make any healthy drink, write its ingredients and process and also share why is it healthy and tasty.
4. On a chart paper, draw picture of your favourite cartoon character, write some words that describe your character and write a paragragh about your cartoon character and also write why the cartoon character is your favourite.
5. Create five slogans of your own which marks – LABOUR DAY (1 MAY) or FATHER'S DAY (19 JUNE) .
6. Compose a poem on FATHER/ ENVIRONMENT. Also sketch the image using your creativity.
7. Read MCB, Unit-2, section-B , Rani Chennamma of Kittur, note down ten new words in your English copy and write the synonyms and antonyms of these words.
   Also gather information about three such brave and daring women freedom fighters. Write their life history and also paste pictures.

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Class - VII   **MATHEMATICS**   **F.M**

1. Multiple choice questions (MCQ)

1. To multiply a decimal number by 100, shift the decimal point to the right by

   (a) one place   (b) 2 places   (c) 3 places   (d) 4 places

2. Product of two integers is 256, if one of the integers is (-8), then the other is

   (a) 32   (b) -32   (c) +248   (d) -264

3. The product of a positive integer and (-1) is

   (a) -1   (b) positive   (c) negative   (d) 1

4.   The value of $(-27) \times (-16) + (-27) \times (-14)$ is

   (a) -1110   (b) -810   (c) 810   (d) 1110

5. How much less is 10 km than 30.6 km?

   (a) 10.6 km   (b) 20.6 km   (c) 30.6 km   (d) 10 km

2. Match the following

Column I	Column II
(1) $3.04 + 2.13 - 0.17$	(i) 10
(2) The product of 0 and 235	(ii) 73
(3) The reciprocal of 1 is	(iii) 5
(4) The reciprocal of 37 is	(iv) 0
(5) The value of $18.35 \div 1.835$ is	(v) 1

3. Fill in the blanks

1. When two negative integers are added we get ………………..

2. The product of two negative integers is ………………

3. In a number line when we add a positive integer, we move to the ………………

4. Multiplication is nothing but repeated ……………

5. Additive inverse of positive integer is a ……………

Answer the following questions:

1. The sum of two integers is 116. If one of them is -79, find the other integers.

2. Find the value of:

(i) $1487 \times 327 + (-487) \times 327$

(ii) $28945 \times 99 - (-28945)$

3. Manish deposits Rs 2000 in his bank account and withdraws Rs 1000 from it, the next day. Find the balance in Manish's account after the withdrawal.

4. Write down a pair of integers whose

(i) sum is -5
(ii) difference is -7

5. Using number line, find: (i) $3 \times (-5)$ (ii) $8 \times (-2)$

6. Arrange the following in descending order: 2/9, 2/3, 8/21

7. Vineet and Pratap went for a picnic. Their mother gave them a water bottle that contained 10 litres of water. Vineet consumed 4/10 of the water. Pratap consumed the remaining water.

(i) How much water did Vineet drink?
(ii) What fraction of the total quantity of water did Pratap drink?

8. Which is greater: (2/7) of (3/4) or (3/5) of (5/8)

9. What should be subtracted from -9876 to obtain -9512?

10. The temperature of a city is 4^0C. Next day the temperature falls by 5^0C. What is the temperature of the city next day?

Project Work:

1. Greetings: Make a colourful greeting card of size 15 cm x 12 cm on the following topic:

a) Properties of integers – Roll no 1 to 10

b) Different types of fractions – Roll no 11 to 20

c) Vocabs related to lines and angles – Roll no 21 to 30

d) Grocery Bill – Roll no 31 to last

2. Do activity 1(b) and activity 2 from mathematics lab manual.

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श्री अय्यप्पा पब्लिक स्कूल
बोकारो इस्पात नगर

समर एसाइन्मेंट : 2022–23

वर्गः– सप्तम   विषय :– हिन्दी

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01. अपने राज्य या जिले के किसी एक स्वतंत्रता सेनानी के बारे में जानकारी इकट्ठा कीजिए और एक परियोजना कार्य तैयार कीजिए।

02. भारतवर्ष में कितने राज्य हैं? उन राज्यों का नाम लिखकर वहाँ बोली जाने वाली बोलियों के नाम का एक रंग–बिरंगा चार्ट तैयार करें।

03. रवीन्द्रनाथ ठाकुर की कविताओं से प्रेरणा ग्रहण करते हुए प्रकृति या ईश्वर भक्ति से संबधित कोई कविता स्वयं लिखें और कक्षा में उकसा सस्वर वाचन करें।

कक्षा – 7   विषय– संस्कृत

1. वार्तालापः पाठ से 10 लट् लकार के क्रिया पदों को चुनकर 10 वाक्य का निर्माण करें ।

2. स्वर संधि के भेदों को लिखकर प्रत्येक संधि के दो दो उदाहरण लिखे

3. स्कूल डायरी के पेज नं 47 प्रार्थना नं 2 को याद करना।

4. स्कूल डायरी के पेज नं 50 प्रार्थना नं 17 को याद करना।

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SREE AYYAPPA PUBLIC SCHOOL
Summer Holiday Assignment: 2022-2023

Class - VII   **SCIENCE**   **F.M**

I. **ACTIVITY BASED**:

1. Fibres plays a very important role in our daily life. Study the different kinds of fabrics and according to that make a record of the different types of natural and synthetic fibres used in :
   a. curtains
   b. sofa covers
   c. raincoat
   d. saree
   e. socks
   f. AC covers.

2. Using waste materials like cotton, beads, wool, pulses etc. make a 3D model in a thick cardboard of 30x 30 cm for the following: (Any one)
   a. Stomata
   b. Life cycle of silkmoth.
   c. Plant cell or animal cell.

3. Take three container and Put different samples of
   a. Cold milk
   b. Hot milk
   c. Lukewarm milk.
      By using clinical thermometer measure the temperature of these three samples and write its temperature in a chart paper, also make the diagram of this activity.

II. **Answer the following questions in a thin copy**:

1. Name any two parts which are present in plants cells but not in animal cells.
2. Make a flow chart depicting rearing of sheep to obtained wool.
3. State the methods by which heat is transferred :
   a. From the sun to the earth.
   b. From a man;s hand when placed on a cold iron vessel .
   c. From the bottom of a hot liquid to its upper cooler parts.
4. What is the function of 'kink' in a clinical thermometer?
5. Why is the box of a solar cooker painted black from inside?
6. Why do farmers spread manure and fertilizers in the fields?
7. What are various modes of nutrition in plants . Give one example of each
8. How will you distinguish between natural silk and synthetic silk.
9. What is an occupational hazard? Name one occupational hazard.
10. A person has a white shirt and a black shirt. Which shirt will make him more comfortable in :
    a. Winter
    b. Summer
       Give reasons for your answer.

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SREE AYYAPPA PUBLIC SCHOOL
Summer Holiday Assignment: 2022-2023

Class - VII   **S.ST**   **F.M**

1. Find out what forms of government exist in India's neighbouring countries.
2. The right to equality is only a formal right. What is your opinion? Write it in your own sentence.
3. Write a poem or a story set in medieval India on this topic
   (a) Caste discrimination.
   (b) Initiative taken against caste discrimination.
4. Individual Project
   (a) Make a chart illustrating the monsoon's effects and its importance to India.
   (b) Initiative taken to save rivers.
   (c) Write about Greta Thunberg.
5. Visit to a National Museum and write a report. Click pictures of archaeological and literary sources (6 sources).
6. Make10 flash cards of endangered wild life species of India and write 5 ways to save them.
   Note: The given work has to be written in a stick file.

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SREE AYYAPPA PUBLIC SCHOOL
Summer Holiday Assignment: 2022-2023

Class - VII   **COMPUTER**   **F.M**

I. Multiple choice questions:-

1. Which number system has the base 10?
a) octal
b) hexadecimal
c) decimal
d) binary

2. In the binary number system, left most digit before the fractional point is _____.
a) MSD
b) LSD
c) RSD
d) None of these

3. In binary addition, 0 + 1 is
a) 0
b) 1
c) 11
d) 10

4. Which of the following is not an another name for zero?
a) nought
b) void
c) nil
d) zilch

5. Which number system contains letters from A to F?
a) Binary
b) Octal
c) Decimal
d) Hexadecimal

6. Which number system is used as a short hand representation of long binary numbers?
a) Binary
b) Decimal
c) Octal
d) Hexadecimal

7. If the last digit of a binary number is 1, the number is
a) Even
b) Odd
c) Prime
d) Composite

8. The decimal number for $(1011001)_2$ is

a) 89

b) 87

c) 98

d) 88

9. Google's first ever tweet on Twitter was

a) I'm blessed

b) I'm feeling lucky

c) I'm overwhelmed

d) None of the above

10. The base of any number system is also called

a) radius

b) count

c) ratio

d) radix

II. Define

a) Decimal number system

b) Octal number system

c) Hexadecimal number system

d) Binary number system

e) Base of a number system

III. Answer the following:-

a) What is number system? Write the names of different number system used in computer.

b) Write the rules for binary addition.

c) Convert decimal to binary and vice versa:-

i) $(10101)_2$

ii) $(1010001)_2$

iii) $(169)_{10}$

IV. Solve the following binary addition and subtraction.

a) Add $(1000)_2$ and $(1111)_2$

b) Subtract $(1101)_2$ from $(100110)_2$

V. Application based questions:-

a) Reyansh converted letter D to binary numbers. Which number system is he working on and what is the base of it?

b) Tia wants to check if 10101 is an even or odd number. Help her do that by explaining the concept of even and odd binary numbers.

VI. Activity time:-

Explore the internet to find the uses of various number systems in different types of scenarios.

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Sree Ayyappa Public School
Sector-5/D, B.S.City
Summer Assignment:2022-23

Std-7   *Subject – GK*
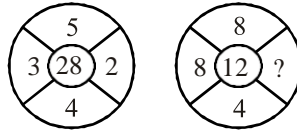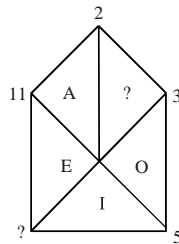
1. What comes in place of question mark (?) in the following number series : 3,5,13,49,241, ?, ...
    (A) 1541   (B) 4411   (C) 1600   (D) 1441
2. Replace the question mark (?) in the series given below with the suitable option.
    2,3,7,16,32, ?,......
    (A) 57   (B) 37   (C) 48   (D) 55
3. What comes in place of question mark (?) in the series given below ?
    B,C,E,H,L, ?
    (A) M   (B) N   (C) P   (D) Q
4. Replace the question mark (?) in the following series.
    L, LL, LLLL, LLLLLLL, ?
    (A) LLLLLLLL   (B) LLLLLLLLLLL   (C) LLLLLLLLL   (D) LLLLLLLLLL
5. In the following question, there is a certain relationship between two given words on one side of (::) and one word is given on another side (::) while another word is to be found from the given alternatives having the same relation with this word as the words of the given pair bear. Choose the correct alternative.
    House : Door : : Compound : ?
    (A) Gate   (B) Fence   (C) Foundation   (D) Wall
6. In the following question, there is a certain relationship between two given words on one side of (::) and one word is given on another side (::) while another word is to be found from the given alternatives having the same relation with this word as the words of the given pair bear. Choose the correct alternative.
    Truthfulness : Lair : : Loyalty : ?
    (A) Worker   (B) Traitor   (C) Dilligent   (D) Faithful
7. Find out the pair in which the words bear the same relationship to each other as similar to the words of the given pair bear.
    India : Tricolour
    (A) China : Sickle and Hammer   (B) UK : Red Cross
    (C) USA : Stars and Stripes   (D) None of these
8. Find out the pair in which the words bear the same relationship to each other as similar to the words of the given pair bear.
    Fish : Shoal
    (A) Audience : Theater   (B) Shark : School   (C) Elephant : Flock   (D) Whale : Herd
9. If 'SILVER' is coded as 'ZXYBDQ' and 'KAMAL' is coded as LNCNY, then what will be the code for 'VIKAS'
    (A) BXNLZ   (B) ZXYCN   (C) BXLNZ   (D) LNCBD
10. If B = 2 and BAG = 10, then BOX = ?
    (A) 36   (B) 39   (C) 41   (D) 52
11. Find the odd word.
    (A) Orange   (B) Apple   (C) Guava   (D) Grapes

12. Find the odd word.

(A) Square   (B) Sphere   (C) Rectangle   (D) Circle

13. Find the missing value in the figure :

First circle: top 5, left 3, centre 28, right 2, bottom 4.
Second circle: top 8, left 8, centre 12, right ?, bottom 4.

(A) 3   (B) 9   (C) 1   (D) 2

14. Find the missing values in the figure :

Figure labels: top 2, left 11, A, ?, 3, E, O, I, bottom-left ?, bottom-right 5.

(A) 8 and U   (B) 8 and V   (C) 7 and U   (D) 9 and V

15. Vandana is going Northwards. She turns right, moves some distance and again turns to her right. After moving some distance she turns to her left, goes forward and again turns to her left. In which direction now is Vandana going ?

(A) North   (B) South – West   (C) South   (D) West

SREE AYYAPPA PUBLIC SCHOOL
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Class - VII   **ART**   **F.M**

1. Line Drawing with 4B and 6B Pencils

   Topic – Lips, eyes, Nose and women face

2. Newspaper painting.

   Topic - (Flower pot or Bird)

   (Paste the newspaper on the white drawing sheet and draw a painting on it.)

3. Monochromatic Water colour painting.

   Topic – Landscape and flower

   (You can create a landscape painting using either color, e.g. black or brown)

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Class - VII   **DANCE**   **F.M**

1. Different types of poses for different gods that we can use in dance.

    i) Lord Ganesh

    ii) Lord Shiva

    iii)Lord Vishnu/Krishna

2. 10 Samyutha hasta mudras.

3. Teen taal footwork with hastak.

4. Neck movements (Greevabhed)

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SREE AYYAPPA PUBLIC SCHOOL
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Class - VII   **MUSIC**   **F.M**

1. Learn teentaal and their beats

2. Make a project on the Indian stringed musical instrument with their names on the chart paper

3. Learn a patriotic song

4. Learn the life history of Tansen

5. Learn the percussion instruments with their names.

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SREE AYYAPPA PUBLIC SCHOOL
Summer Holiday Assignment: 2022-2023

Class - VII   **PHYSICAL EDUCATION**   **F.M**

1. Write the terminologies, fundamental skills, rules and diagram with measurements (in meters) of the following games (any one).
   a) Kho Kho

   b) Basketball

   c) football

   d) Cricket

   e) Volleyball

2. Write the steps of yoga asana and draw diagramor paste the picture.

a) Triangle Pose

b) Boat Pose

Write two advantages and disadvantages of the above.

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