

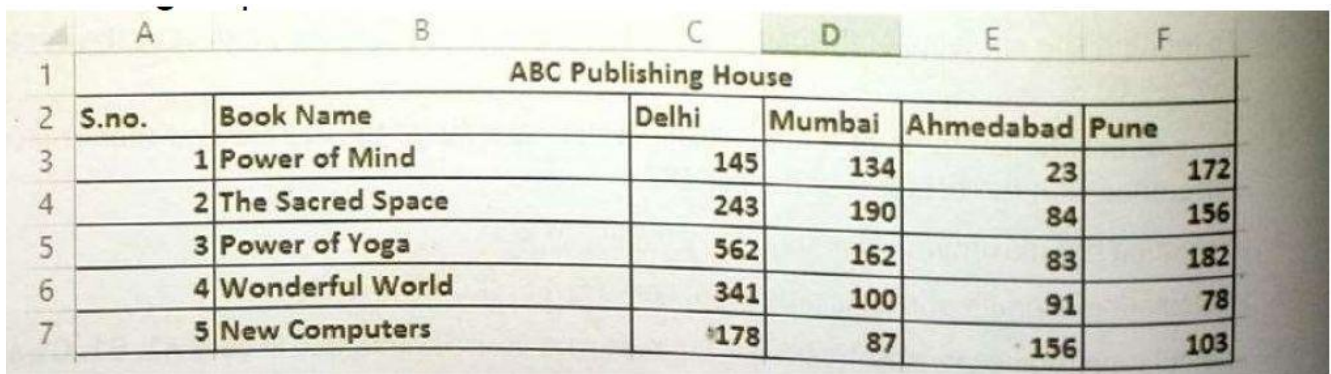
# R.S.M.PUBLIC SCHOOL, SUPAUL

## HOLIDAY HOME WORK-2021

### CLASS-07 (COMPUTER)

**Answer the following questions:-**

1. Name any two functions performed by operating system.
2. Distinguish between system software and application software.
3. Convert the following binary numbers to their equivalent decimal form.
  - i) 110110101
  - ii) 10101101
  - iii) 100100110
4. Convert the following decimal numbers to their equivalent binary form.
  - i) 75
  - ii) 194
  - iii) 108
5. Define Function in MS Excel. Discuss its structure.
6. What is AutoSum feature in MS Excel?
7. What is a chart? What are the advantages of charts?
8. What is the difference between a bar chart and a column chart?
9. Write some important elements of chart.
10. Using the given worksheet, write a function or a formula for the following requirements:



ABC Publishing House						
S.no.	Book Name	Delhi	Mumbai	Ahmedabad	Pune	
1	Power of Mind	145	134	23	172	
2	The Sacred Space	243	190	84	156	
3	Power of Yoga	562	162	83	182	
4	Wonderful World	341	100	91	78	
5	New Computers	178	87	156	103	

- 1) Total number of books sold in Mumbai.
- 2) Maximum number of 'Power of Mind' book sold in all the four cities.
- 3) Average number of 'New Computers' book sold in all the four cities.
- 4) Minimum sale of books in city 'Delhi'.
- 5) What will be the result of the formula =COUNT (C3:E7).

**(SOCIAL SCIENCE)**

**SECTION:-A (GEOGRAPHY)**

1. Plants and animals depend on each other (give reasons)
2. What do you mean by a rock cycle?
3. What are the exogenic and endogenic forces?

**PROJECT WORK**

4. Imagine an Ideal environment where you would love to live. Draw the picture of your Ideal environment and explain their given importance.
5. Do the project work of earthquake hits Bhuj in Gujrat on 26<sup>th</sup> of January 2001. Also report how could we stay safe in such upcoming disaster.

**SECTION:-B (HISTORY)**

6. In what ways has the meaning of term "Hindustan" emerged over the centuries?
7. What kind of irrigation works has been developed in the Tamil region?
8. Describe about the "circle of justice". Why was it important for military commanders to keep the Interests of the peasantry in mind?
9. How do historians divide the past into periods? Do they face any problem in doing so?
10. Raziya Sultan was unique in the history of the Delhi Sultanate. Do you think women leaders are accepted more readily today?

**SECTION:-C (CIVICS)**

11. What do you understand by the term "all persons are equal before the law"? Why do you think it is important in a democracy?
12. 'Improvement in water and sanitation can control many diseases'. Explain with the help of examples.
13. Explain how a chain of markets is formed. What purpose does it serve?
14. What was the problem in patal puram? What decisions taken by the public meeting, Legislative Assembly, Press conference, Chief Minister?

**PROJECT WORK**

15. Do the project work about epidemic "Corona Virus".

**(ENGLISH)**

**Answer all the given questions in beautiful handwriting in a separate summer vacation homework notebook:-**

- Q.1. Daily one page writing.
- Q.2. Remember all the word meanings and difficult spellings of taught lessons.
- Q.3. Answer these questions:-
  - (i) What were the three things which the king wanted to know?
  - (ii) How did the music master feel after getting new chappals?
  - (iii) Did Gopal win the challenge? How?

(iv) Write a few instructions given by the parents to their children in the poem 'Chivvy'.

(v) What happened to Mr. Gessler? How did he meet his end?

(vi) Describe the 'Desert' in your own words.

Q.4. Who said the following statements and to whom?

(a) "Let me take the spade and work in your place".

(b) "Here comes someone running".

(c) "Forgive me."

(d) "You have already been answered?"

(e) "How have I been answered?"

Q.5. Combine the following sets of sentences into one sentence using 'if':

(a) (i) Work hard.

(ii) You will pass.

(b) (i) Work honestly.

(ii) You'll be rewarded.

(c) (i) Don't tell lies.

(ii) You'll be caught.

(d) (i) Read newspaper.

(ii) You'll improve your English.

Q.6. Write the meanings of the following words and use them in your own sentences.

a.) Snug b.) Covetous c.) Seized d.) Flung e.) Envious

Q.7. Make appropriate questions for each of these statements.

(a) My name is Smita.

(b) I live in Delhi.

(c) My brother will go to Bombay tomorrow.

(d) I like Spiderman, the most.

(e) This is my brother's book.

Q.8. Make a colourful project on any topic of Grammar/ chapter/ poem of your text book.

## (संस्कृत)

1. एक पदेन उत्तरत :-

(i) पृथिव्यां कति रत्नानि सन्ति?

(ii) मूढैः कुत्र रत्नसंज्ञा विधीयते?

(iii) कैः सङ्गतिं कुर्वीत ?

(iv) कूर्मस्य किं नाम आसीत् ?

(v) सरस्तीरे के अगच्छन् ?

(vi) सर्वदा कुत्र सुखम् ?

(vii) कूर्मस्य मित्रः कः आसीत् ?

(viii) कृष्णमूर्तेः कति कर्मकराः सन्ति:?

(ix) मंचे कति बालकवयः उपविष्टाः सन्ति: ?

(x) लोके पुनः पुनः कानि भवन्ति ?

(xi) रमा कुतः संस्कृतशिक्षां प्राप्तवती ?

2. अधोलिखितानि प्रश्नानामुत्तराणि पूर्णवाक्येन लिखत :-

(i) कुत्र विस्मयः न कर्तव्यः?

(ii) कच्छपः कुत्र गन्तुम् इच्छति ?

(iii) कूर्मः मित्रयोः वचनं विस्मृत्य किम् अवदत् ?

(iv) श्रीकण्ठस्य आतिथ्यम् के अकुर्वन् ?

(v) रमाबाई किमर्थं आन्दोलनं प्रारब्धवती ?

(vi) निः सहायाः स्त्रियः आश्रमे किं किं लभन्ते स्म ?

(vii) कस्मिन् विषये रमाबाई महोदयायाः योगदानम् अस्ति ?

3. मंजूषात पदानि चित्वा कथायाः पूर्तिं कुरुत :-

नासिकायामेव, वारंवारम्, खड्गेन, दूरम्, मित्रता, मक्षिका, व्यजनेन, उपाविषत्, छिन्ना, सुप्तः, प्रियः पुरा एकस्य नृपस्य एकः \_\_\_\_\_ वानरः आसीत्। एकदा नृपः \_\_\_\_\_ आसीत्। वानरः \_\_\_\_\_ तम् अवीजयत्। तदैव एका \_\_\_\_\_ नृपस्य नासिकायाम् \_\_\_\_\_। यद्यपि वानरः \_\_\_\_\_ व्यजनेन तां निवारयति स्म तथापि सा पुनः पुनः नृपस्य \_\_\_\_\_ उपाविषति स्म। अन्तै सः मक्षिकां हन्तुं \_\_\_\_\_ प्रहारम् अकरोत्। मक्षिका तु उड्डीय \_\_\_\_\_ गता, किन्तु खड्गप्रहारेण नृपस्य नासिका \_\_\_\_\_ अभवत्। अतः, एवोच्यते \_\_\_\_\_ "मूर्खजनैः सह \_\_\_\_\_ नोचिता।"

4. समानार्थक पदानि लिखत :-

प्राप्य, कुशलाः, हर्षस्य, देहस्य, वैधम्

5. विलोमपदानि लिखत :-

अधः, अन्तः, दुर्बुद्धे, उच्चैः, दुर्लभम्

6. अधोलिखितानि पदानि सन्धिविच्छेदं कुरुत :-

रामानुजः, ऋषीन्द्रः, नदीषः, परीक्षा, चन्द्रोदयः, महोदयः, सदैव, तदैव

7. अधोलिखितानि पदानि शब्दरूपानि लिखत :-

(i) तत् पुल्लिङ्गे

(ii) किम् पुल्लिङ्गे

(iii) लता स्त्रीलिङ्गे

(iv) बालकः पुल्लिङ्गे

8. संख्या 1-50 कृते उचितं संस्कृतपदेन लिखत।

9. पठ् धातु रूपं लट्, लृट्, लङ्ग, लोट्, विधिलिङ्ग लकारे लिखत।

10. संस्कृते अनुवादं कुरुत :-

(i) पेड़ से पत्ता गिरता है।

(ii) हिन्दी हमारी मातृभाषा है।

(iii) तुम कहाँ जाते हो?

(iv) वह खेलता था।

(v) मैं संस्कृत पढ़ता हूँ।

**(MATHEMATICS)**

**(SECTION: - A)**

**Multiple choice questions:-**

1. On the number line , the value of  $(-3) \times (3)$  lies on right hand side of:  
a) -10   b) -4   c) 0   d) 9
2. On dividing 7 by  $\frac{2}{5}$ , the result is :  
a)  $\frac{14}{2}$    b)  $\frac{35}{4}$    c)  $\frac{14}{5}$    d)  $\frac{35}{2}$
3. On tossing a coin , the outcome may be :-  
a) only head   b) only tail   c) neither head nor tail  
d) either head or tail.
4. The difference between the highest and the lowest observations in a data is its :  
a) Frequency   b) width   c) range   d) mode
5. The solution of the equation  $ax + b = 0$  is:  
a)  $\frac{a}{b}$    b)  $-b$    c)  $\frac{-b}{a}$    d)  $\frac{b}{a}$
6. If  $k+7 = 16$  , then the value of  $8k - 72$  is:  
a) 0   b) 1   c) 112   d) 56
7.  $x$  exceeds 3 by 7, can be represented by:  
a)  $x+3 = 2$    b)  $x+7 = 3$    c)  $x-3=7$    d)  $x+7= -3$
8. The measure of an angle which is four times its supplement is  
a)  $36^\circ$    b)  $144^\circ$    c)  $16^\circ$    d)  $64^\circ$
9. In a right- angled triangle, the angles other than the right angles are:  
a) Obtuse   b) right   c) acute   d) straight
10. How many altitudes does a triangle have?  
a) 1   b) 3   c) 6   d) 9

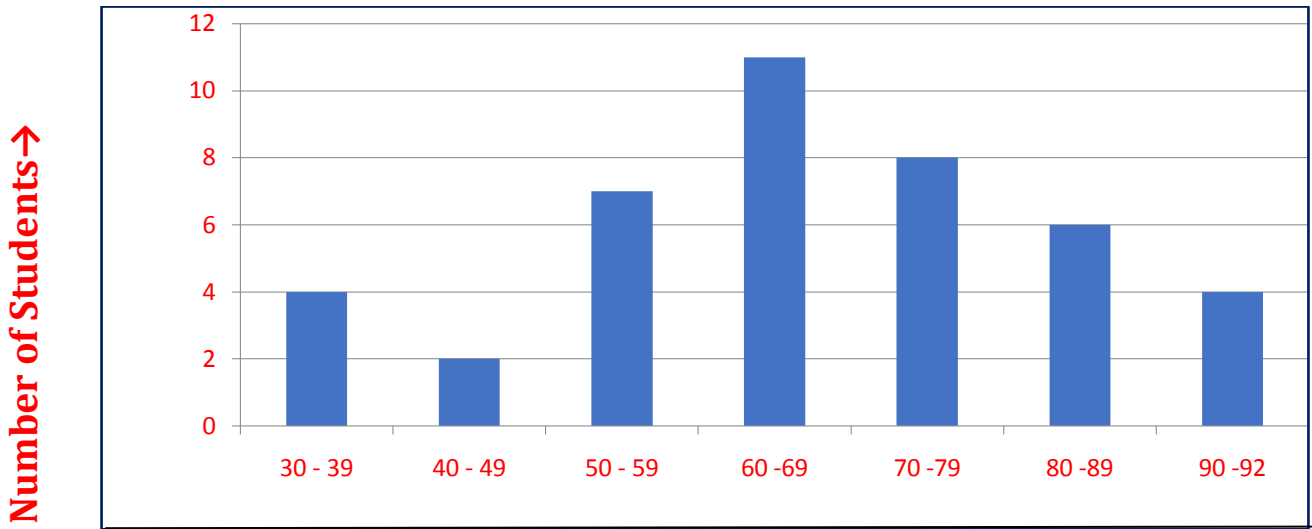
**(SECTION- B)**

**Short answer type questions:-**

1. Write a pair of integers whose product is  $(-12)$ .
2. Height of a place A is 1800m above sea level. Another place B is 700m below sea level. What is the difference between the levels of these two places?
3. What is the product of  $\frac{5}{129}$  and it's reciprocal?
4. Simplify and write the result in decimal form :-  
 $(1 \div \frac{2}{9}) + (1 \div 3\frac{1}{5}) \div (1 \div 2\frac{2}{3})$ .
5. Find the mean of first ten even natural numbers.
6. The perimeter of rectangle is 40 m . the length of the rectangle is 4m less than 5 times its breadth. Find its length and breadth.
7. A number when divided by 6 gives the quotient 6. What is the number?



8. After 25 years, Rama will be 5 times as old as he is now. Find his present age.
9. The bar graph given below shows the marks of students of a class in a particular subject.

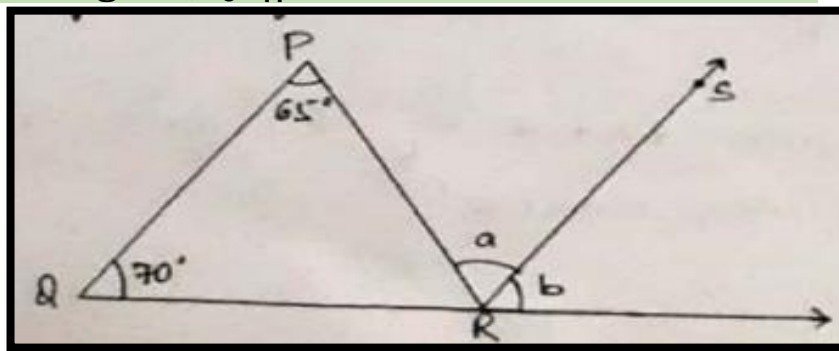


**Mark** →

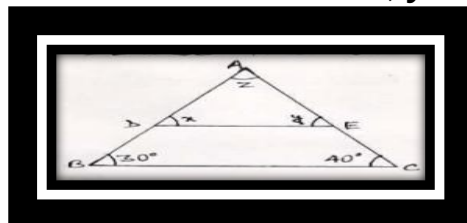
Study the bar graph and answer the following questions:-

- If 40 is the pass mark, then how many students have failed?
- How many students got marks from 50 to 69?
- How many students scored 90 marks and above?
- If Students who scored marks above 80 are given merits then how many merit holders are there?
- What is the strength of the class?

10. In the given figure,  $QP \parallel RS$  Find the values of  $a$  and  $b$ :



- If transversal intersects two parallel lines, and the difference of two interior angles on the same side of a transversal is  $20^\circ$ , find the angle.
- Can two acute angles form a pair of supplementary angles? Give reason for your answer.
- In  $\triangle ABC$ ,  $DE \parallel BC$ . Find the values of  $x$ ,  $y$  and  $z$ .



14. If one angle of a triangle is  $60^\circ$  and the other angles are in the ratio 1:2, find the angles.
15. The lengths of two sides of an isosceles triangle are 9 cm and 20 cm. What is the perimeter of the triangle? Give reason.

**[SECTION - 'C']**

**Project-Work**

Construct the following different types of triangles with the help of match - sticks by pasting them on the cardboard.

**Types of triangles are :-**

- 1) Equilateral triangle
- 2) Isosceles triangle
- 3) Scalene triangle
- 4) Acute - angled triangle
- 5) Right - angled triangle
- 6) Obtuse - angled triangle

**Note:**

1. Students are instructed to solve all the questions & go through stepwise process.
2. Solve all the questions in a separate notebook.
3. This holiday home - assignment must be submitted to your concerned subject teacher, When the School reopens.

**[SCIENCE]**

**Answer these questions:-**

1. What is the importance of science in our everyday life?
2. Show with the help of sketch that the plants are the ultimate source of food.
3. What is oral rehydration solution? How can you make the oral rehydration solution at home? When is it given to a person?
4. Write the complete process to obtain the silk fibre from the cocoons.
5. In what type of weather shearing of sheep is done? Why? Why does shearing not hurt the sheep?
6. How do sea-breeze and land-breeze produce? Explain.
7. What are indicators? Elaborate with the help of examples.

**❖ Project work:-**

- 1) Draw a diagram of human digestive system and label the various parts.
- 2) Make the China-rose solution and show the changes in it when an acid and a base is added in it.
- 3) Make a simple pendulum and find its time-period.

(۳۶)

۱۔ لفظ میں شامل نظم "میرا شہدستان وطن" اور  
"میرا انسان برابر ہے" دونوں نظموں کو زمبابوی یاد  
کرنا ہے۔

۲۔ ۱۵ سہج لکھنا خود لغوت الفاظ میں لکھنا ہے

۳۔ سبق نمبر ۱ سے سبق نمبر ۵ تک کے الفاظ  
کے معنی یاد کرنا ہے۔

۴۔ سبق نمبر ۱ سے سبق نمبر ۵ تک جو الفاظ  
جملہ بنانے کے لئے دیا گیا ہے اس کو جملوں میں استعمال  
کرنا ہے۔

۵۔ سبق نمبر ۱ سے سبق نمبر ۵ تک کسی دو زبانوں  
کا خلاصہ یاد کرنا ہے۔

Scanned with



## (हिन्दी)

1. पक्षी स्वतंत्र रहकर अपनी कौन-कौन सी इच्छाएँ पूरी करना चाहते हैं।
2. निम्नलिखित काव्य-पंक्तियों को पढ़कर पूछे गए प्रश्नों के उत्तर दीजिए-

हम बहता जल पीने वाले मर जाएंगे भूखे प्यासे,  
कहीं भली है कटुक निबोरी कनक-कटोरी की मैदा से।

- क. ये पंक्तियाँ किस कविता से ली गई हैं।
  - ख. इन पंक्तियों की रचना किसने की हैं?
  - ग. कटुक और कनक के अर्थ लिखिए।
3. दादा की मृत्यु के बाद लेखक के घर की आर्थिक स्थिति खराब क्यों हो गई थी?
  4. दादी माँ पाठ के लेखक कौन हैं?
  5. दादी माँ किस पर बिगड़ रही थी?
  6. नदियों को माँ मानने की परंपरा हमारे यहाँ काफी पुरानी है, लेकिन नागार्जुन उन्हें और किन रूपों में देखते हैं?
  7. हिमालय की बेटियाँ पाठ में नदियों को लोकमाता किसने कहा है?
  8. हिमालय की बेटियाँ किसे कहा गया है?

## (हिन्दी व्याकरण और रचना)

9. भाषा के कितने रूप हैं?
10. लिखित भाषा किसे कहते हैं?
11. भाषा की सबसे छोटी सार्थक इकाई क्या है?

## (बाल महाभारत कथा)

12. देवव्रत का नाम भीष्म कैसे पड़ा?
13. अंबिका और अंबालिका का विवाह किसके साथ हुआ था?
14. कुंती के बचपन का नाम क्या था?

