MANU VATIKA SR. SEC. SCHOOL (BUDHLADA)

Class:-8th   Session (2019-20)

SUMMER VACATION HOLIDAYS' HOME-WORK

Holidays are time when you can connect with your child in many ways. As parents are the first and the most important teacher for a child, we can encourage our child to participate in many educational activities at home and promote his/her quest to learn. Working together will not only help your child to build, learn and develop his/her skills but also strengthen your bond with him/her.

GENERAL INSTRUCTIONS

INSTRUCTIONS FOR STUDENTS:-

❖ Try to do your vacation work by yourself.

❖ Use separate Note book for each subject.

❖ Writing should be very good and neat.

❖ Do all work under the guidance of your parents and guardians

❖ Do all work with date & day.

❖ Try to do your written work regularly to enhance your writing power.

❖ Pay special attention towards your health and caring.

❖ Don't Play in the sunshine or on hot places.

❖ Try to Pray God Daily.

INSTRUCTIONS FOR PARENTS:-

❖ Holiday homework has to be done under the parental guidance.

❖ Kindly complete and send the homework in a paper bag on the first day after the summer break.

❖ Make your ward read resource books.

❖ Make your ward learn and remember his/her parents mobile /landline number, house address etc, to make him/her independent and secure.

❖ Do not miss to take your child , outdoors in the evening.

❖ Do any creative act, which you are good at with your ward and send it to school after vacations.

❖ Fix up a time table for your ward to organize his/her daily routine like, watching television, playing with friends, studying etc.

❖ Make your child responsible by assigning some of the household responsibilities to him/her like, watering plants, arranging the dining table, organizing his/her room and cupboards, fill the empty water bottles and put them in refrigerator.

Above mentioned guidelines will help your child to become a smart and an active learner.

SUBJECT- ENGLISH

Ques./ Ans. (Part-A)

1. Do you think wars are best way to end conflicts between countries. Give reason to support your answer.

2. Do you think it is important to plan for future or is it more important to live in the present. Give reason. (The Ant and the Cricket)

3. Which safety measures should be adopted during a natural calamity?

4. Is it right to sit idle? Support your answer with examples.

5. 'Child labour is a curse' Elaborate with reference to the story children at work'.

6. What life lesson do we learn from the table (the ant and the cricket)?

7. "Though ant is smaller than cricket, he is wiser than him." Give examples to prove this statement.

8. Give a brief character sketch of : (1) Jim Macpherson

9. What made the Christmas party unforgettable for Jim?

10. What causes a tsunami?

11. What was change that came over the camel after he got him hump? Has he learnt to behave?

12. How did the camel get its hump?

13. "What one throws away as waste may be valuable to others" Do you find this statement true in the context of the story 'Children at work' ? How?

14. Like Velu many children run away from their homes. What can be the reasons behind it?

B. Write the meaning of the words given, also make sentences using the given words.

Brute, huddles, mingling, gay, dazed, slammed, hinderance, howling, trickle, grinned

C. You are Naina/ Nayan . Write an article in about 120 words on the importance of afforestation and maintaining a green cover in the country to prevent pollution and global warming.

D. You are Richa, secretary of the Arts club of A.B.C. School, Pune. Your club has decided to organize an interclass drawing competition . Write a notice, inviting the names of the participants. Also Mention date, prize etc.

E. yesterday, Many guests arrived at your residence. You attended them the whole day. Write a diary entry describing your experience.

F. Write a factual description , how bad condition of roads has affected the people living your city.

G. Rearrange the words to make meaningful sentences:-

1. uppermost/soil/ layer / is earth/ the/ of the

2. it/ plants/ which / supports/ food/ provide/ all living things/ to / planet/ on / the

3. soil/ thus/ foundation/ earth/ life/ on / of/ is / the / all.

H. Fill in the blank with correct form of verb given

1. The police……………four thieves last night.(catch)

2. I was ……………food when he came in (cook)

3. It ……………since 9 o'clock . (rain)

4. The patient …………..before the doctor came. (die)

5. Stars ………………in the sky at night .(twinkle)

I. Do as directed

1. The lady sitting in lobby in wearing a Sari . (underline the phrase)

2. We are going to have a party in the evening . (seprate subject & predicate)

3. Priya was excited about the upcoming holidays. (change into interrogative)

4.The birds build nests skillfully . (Change into exclamatory)

5.I know him well. (Change into negative)

SUBJECT: HINDI

1. नीचे लिखे शब्दों के अर्थ लिखो–

   भिन्न, विविध, वर्ण, संवेदना, संरक्षण, सदैव, घोंचू, मनुज, परिभाषा, आकर्षक, सदाबहार, होमवर्क

2. सर्वप्रथम कब व कहाँ शारीरिक दंड को गैर–कानूनी घोषित किया गया ?

3. संजय की दुकान पर क्या काम होता था?

4. संजय ने अपने पिता जी के बारे में क्या बताया?

5. संजय का स्कूल के प्रति नफरत का क्या कारण था?

6. कृत्रिम तरीके से पकाए गए आम पहचानने का क्या तरीका है?

7. ऋतुओं की संख्या लिखते हुए उनके नाम नाम लिखो?

8. विश्व में एक जैसे अधिकार किन–किन को प्राप्त हैं?

9. यमलोक की पार्टी में त्रिदेव किस प्रकार बच गए?

10. शनि किन–किन चीजों को खाने के शौकीन थे?

11. देवता इंद्र हर मौसम में किसका मजा ले रहे थे?

12. संजय सत्रह–अठारह साल पहले किस स्कूल में पढता था?

13. आम के पेडों का जन्म भारत में किस प्रकार हुआ?

14. बादलों के देवता किसने धरती पर किस रुप में अवतार लिया था?

15. राष्ट्रीय वृक्ष के बारे में आप क्या जानते हैं?

मूल्य परक प्रश्न

1. चिपको आंदोलन क्या था? वह क्यों व कहाँ से शुरु किया गया?
2. सोचकर लिखो कि हमारा देश किन–किन कारणों से दूसरे देशों से अलग है?
3. आधुनिक युग में मिलावटी खाद्य पदार्थों का सेवन करने से मनुष्य को किन–किन मुश्किलों का सामना करना पड रहा है?
4. हमारे जीवन में शिक्षा का क्या महत्व है?
5. मास्टर जी की डाँट के कारण संजय की शिक्षा पर जो प्रभाव पडा। उससे आप कहाँ तक सहमत हैं? अपने विचार लिखो।
6. हिंदी दिवस कब मनाया जाता है? भारतीय संविधान में कितनी भाषाओं को मान्यता दी गई है?
7. राजस्थानी हिंदी की प्रमुख बोलियाँ लिखो।
8. वर्ण–विच्छेद लिखो–

   अभ्युदय, उत्क्षिप्त, उच्चारण, व्याकरणाचार्य, क्षत्रिय, अल्पप्राण
9. समासय विग्रह करो–

   मीनाक्षी, जीवन–मरण, त्रिफला, पुरुषोत्तम, घुडसवार, आजन्म
10. स्वर व व्यंजन के भेद बताते हुए वर्णमाला को क्रमबद्ध रुप में लिखो।

SUBJECT- PUNJABI

1. ਹੇਠ ਲਿਖੇ ਸ਼ਬਦਾਂ ਦੇ ਅਰਥ ਲਿਖੋ।

   ਅਵਸਥਾ, ਸਹਿਮ, ਮੁੱਚ, ਅਲੋਪ, ਮਨਸੂਬੇ, ਵੰਨਗੀਆਂ, ਸੱਖਣੇ
2. ਪੁਰਾਣੇ ਸਮੇਂ ਵਿੱਚ ਲਗਦੇ ਮੇਲਿਆਂ ਦਾ ਦ੍ਰਿਸ਼ ਆਪਣੇ ਸ਼ਬਦਾਂ ਵਿੱਚ ਬਿਆਨ ਕਰੋ।
3. 'ਹਰਿਆਵਲ ਦੇ ਬੀਜ' ਕਹਾਣੀ ਤੋਂਕੀ ਸਿੱਖਿਆ ਮਿਲਦੀ ਹੈ।
4. ਹੇਠ ਲਿਕੇ ਵਿਸ਼ਿਆਂ ' ਤੇ ਪੈਰ੍ਹਾ ਰਚਨਾਵਾਂ ਲਿਖੋ।

   (ੳ) ਪ੍ਰਦੂਸ਼ਣ   (ਅ) ਮਨੁੱਖੀ ਜੀਵਨ ਵਿੱਚ ਖੇਡਾਂ ਦਾ ਮਹੱਤਵ   (ੲ) ਸਮੇਂ ਦੀ ਪਾਬੰਦੀ
5. ਹੇਠ ਲਿਖਿਆਂ ਸਿੱਖਿਆਵਾਂ ਤੇ ਆਧਾਰਤ ਕਹਾਣੀਆਂ ਲਿਖੋ।

   (ੳ) ਸਹਿਜ ਪੱਕੇ ਸੋ ਮੀਠਾ ਹੋਏ (ਅ) ਕਦੇ ਝੂਠ ਨਾ ਬੋਲੋ (ੲ) ਬਿਨਾਂ ਸੋਚੇ ਕੋਈ ਕੰਮ ਨਾ ਕਰੋ।
6. ਹੇਠ ਲਿਖੇ ਮੁਹਾਵਰਿਆਂ ਦੇ ਅਰਥ ਸਪਸ਼ਟ ਕਰੋ।

   ਅੱਗ ਨਾਲ ਖੇਡਣਾ, ਅੱਗ ਵਰ੍ਹਨਾ, ਉਬਾਲ ਕੱਢਣਾ, ਸਿਰ ਮਾਰਨਾ, ਹੱਥ ਮਲਣੇ
7. 'ਮਾਝੀ ਕਿਹੜੇ ਇਲਾਕੇ ਦੀ ਉਪਭਾਸ਼ੀ ਹੈ?

   (ੳ) ਸੰਗਰੂਰ (ਅ) ਰਾਵਲਪਿੰਡੀ   (ੲ) ਰੋਪੜ (ਸ) ਅੰਮ੍ਰਿਤਸਰ/ਗੁਰਦਾਸਪੁਰ/ਤਰਨਤਾਰਨ
8. ਸ਼ੁੱਧ ਸ਼ਬਦ ਚੁਣੋ

   1. (ੳ) ਸੰਭਾਲਣਾ (ਅ) ਸੰਭਾਲਨਾ (ੲ) ਸੰਭਾਲਣਾ (ਸ) ਸੰਭਾਲਨਾ
   2. (ੳ) ਮਿਹਨਤ (ਅ) ਮੇਹਨਤ (ੲ) ਮਹਿਨਤ (ਸ) ਮੇਹਨਤ
   3. (ੳ) ਕਿਹੜਾ (ਅ) ਕੇਹੜਾ (ੲ) ਕਹਿੜਾ (ਸ) ਕਹਿੜਾ
9. ਗੁਰੂ ਅਰਜਨ ਦੇਵ ਜੀ ਨੇ ਕਿੰਨੇ ਰਾਗਾਂ ਵਿੱਚ ਬਾਣੀ ਰਚੀ?
10. ਹਰਿਮੰਦਰ ਸਾਹਿਬ ਦੀ ਨੀਂਹ ਕਿੰਨੀ ਈਸਵੀ ਵਿੱਚ ਰੱਖੀ ਗਈ ?
11. 'ਸੁਖਮਨੀ ਸਾਹਿਬ' ਕਿਸਦੀ ਸ਼ਾਹਕਾਰ ਰਚਨਾ ਹੈ?
12. ਪ੍ਰਿਥੀ ਚੰਦ ਕੌਣ ਸੀ?
13. ਲਹੂ ਦੇ ਨਾਲ ਕਿਸਦੀ ਗਾਥਾ ਲਿਖੀ ਗਈ ਹੈ?
14. 'ਤਵਾਰੀਖ਼' ਸ਼ਬਦ ਦਾ ਕੀ ਅਰਥ ਹੈ?
15. ਮੇਲੇ ਕਿਹੋ ਜਿਹੇ ਇਲਾਕਿਆਂ ਵਿੱਚ ਲੱਗਦੇ ਹਨ?

SUBJECT- MATHS

1. Find the square root of 900 by prime factorization.
2. How many numbers lie between the 7^2 and 8^2
3. A farmer wants to plough his square field of side 150m. How much area will he have to plough?
4. Find the smallest square number which is exactly divisible by 4, 6, 8 and 12.
5. Find the square root of 16441 by long division method.
6. Evaluate (i) $\sqrt{25 \times 169}$ $(ii) \sqrt{\frac{441}{961}}$
7. Find cube root of 729×216

8. Evaluate (i) $8° \times 9°$ $(x^3)°$

9. Simplify (i) $\frac{b^4}{b^2}$ $(ii) 4^{-4} \times 5^{-4}$

10. By what number should $\left(\frac{5}{7}\right)^{-5}$ *be multiplied so that product is* 1 ?

11. Find square root of 54.76

12. Find greatest 5 digit number which is perfect square.

13. Is 9800 a perfect cube? Check it.

14. Find cube root of $\frac{343}{125}$

15. The volume of a cube is 166375 m³. Find each side.

16. Find any 5 rational numbers between $\frac{-5}{6}$ *and* $\frac{7}{8}$

17. From a 44m long rope, as many pieces as possible are cut off, each
    $5\frac{1}{6} m\ long. Find\ the\ number\ of\ pieces\ and\ length\ of\ remaining\ rope.$

18. Find x, if $(-7)^{x+1} \times (-7)^7 = (-7)^{19}$

19. Evaluate: $\left[\left(\frac{3}{4}\right)^{-1} + \left(\frac{6}{5}\right)^{-1}\right]^{-1}$

20. Find cube root of 1.331

21. The area of a square field is $101\frac{1}{400} m^2. Find\ side$.

22. Estimate cube root of 4913.

SUBJECT- SCIENCE

MCQ:-
1. An example of traditional method of irrigation is
(a) sprinkler system   (b) drip irrigation   (c) dhekli   (d) all of them
2. Large scale rearing of honey is called
(a) apiculture   (b) pisciculture   (c) sericulture   (d) horticulture
3. Production of alcoholic beverages involves:-
(a) pasteurization   (b) fermentation   (c) boiling   (d) dehydration
4. Which medium sound travel fastest?
(a) solid   (b) gas(c) liquid   (c) vaccum
5. The weight of an object can be measured by a :-
(a) beam balance   (b) analytical balance   (c) spring balance   (d) physical balance
Fill ups:-
1. objects which can move quickly through the water have a ....shape.
2. The shrillness of sound is determined by the ....of vibration.
3. A charged body ....an uncharged body towards it .
4. Cholera is caused by ....
5. For growing crop sufficient sunlight, ...and ....from the soil are essential.
V/S Questions:-
1. Which is the best time for the removal of weeds.
2. Name any two antibiotics.
3. What makes a balloon get inflated when air is filled in it.
4. Define spring balance?
5. On what factor does the pitch of sound depends?
Value based Q/A
There are three small bones in the middle ear.
(a) Name the three bones.
(b) Which of these bones is in touch with oval window?
(c) Which of these bones is in touch with ear drum?
(d) Which bones is in touch with the other two bones?
Give reason
(a) Why d Kabaddi players rub their hands with dry soil?
(b) How sound is produced by humans?
Matching:-

Bacteria	Fixing nitrogen
Rhizobium	setting of curd
Lactobacillus	baking of bread
Yeast	causing malaria
Protozoa	causing cholera
Virus	causing AIDS
Penicillin	producing antibiotic

Short Q/A
1. Define frequency of a vibrating object. Name the unit in which frequency is measured.
2. State the usefulness of micro organisms.

Complete the flowchart for 'some common human diseases caused by micro organism'.

Human disease	Causative microorganism	Mode of transmission
1. measles	…………………………………………	…………………………………..
2. Polio	…………………………………………	Air/Water
3……………………….	Bacteria	Water
4. ………………………..	Protozoan	………………………………

Long Q/Ans:-
1. Explain why school bags are provided with wide straps to carry them.
2. What makes these strings vibrate?

Numericals:-
1. A pendulum makes 15 oscillations in 5 seconds. What is the frequency of the pendulum.
2. A force of 10N is applied to an object of area 2m^2 . Calculate the pressure.
3. Draw a labeled diagram to show how liquid exert pressure?
4. Distinguish b/w static and rolling friction?

SUBJECT- SOCIAL -SCIENCE

Answer briefly:-
1. What is periodization?
2. What do you mean by the term colony?
3. What do you understand by the term crop?
4. What is colonization?
5. How does crop rotation help soil fertility?
6. Why do we need a parliament?
7. What is resource utilization?
8. Write any two reasons for land degradation today.
9. Why is land considered as an important resource?
10. Suggest ways to conserve air and water?
11. Briefly describe the result of lok-Sabha elections of 2019.
12. Write layers of soil?
13. What are achives? How are these important.
14. How are events important than date?
15. Why Pakistan is not considered as a secular country?
16. How government interfere in religions matters?
17. How fundamental rights important in democracy?
18. Draw a diagram of soil formation?
19. Draw flow chart of resources?
20. What do you mean by Quarrying and shoft mining?
21. What was subsidiary alliance?
22. How was British army differ from Mugals?
23. How is India a secular country?
24. Write the name of terms:-
   1. Intervene   2. Land use   3. Mulching   4. Rock dam.
25. Write the important factors for the formation of soil?

SUBJECT: G.K.

Study the following arrangement carefully and answer the questions given below (1 to 4):
Q H 9 3 P & L E % 4 F R 1 U @ G W 2 M I 5 B
1. If all the symbol and numbers are dropped from above arrangement, which of the following will be fourth from right end?
(a) M   (b) G   (c) W   (d) I
2. Which of the following in the seventh of the left of tenth from left end of above arrangement?
(a) 3   (b) 9   (c) L   (d) %
3. If all alphabet are dropped in above arrangement which element will be seventh from left end?
(a) @   (b) 9   (c) 5   (d) %
4. How many such consonants are there in the above arrangement each of which is immediately followed by a number but not immediately preceded by a number.
(a) 1   (b) 3   (c) 2   (d) 4

Questions 5 to 7

i. A is the son of B

ii. C, who is the sister of B has a son D and a daughter E.

iii. F is the maternal uncle of D.

5. How is A related to D?

(a) uncle   (b) cousin   (c) nephew   (d) brother

6. How is E related to F ?

(a) sister   (b) niece   (c) wife   (d) daughter

7. How many nephew does F have?

(a) two   (b) one   (c) more than three   (d) none

8. In a certain code language, ZEBRA is written as WBYAJ, then how is HORSE written in the same language?

(a) MITIW   (b) MJTKP   (c) MTIWI   (d) MTPQP

9. 11, 23, 48, 99, ..., 409

(a) 205   (b) 202   (c) 200   (d) 201

10. Find a wrong number in the series

     7, 28, 63, 124, 215, 342, 511

(a) 7   (b) 28   (c) 124   (d) 215

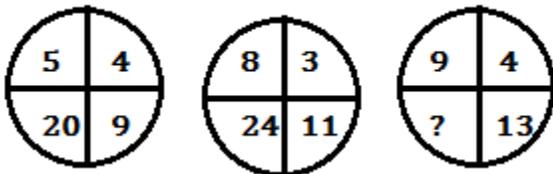11. Find a wrong number in the series

     8, 13, 21, 32, 47, 63, 83

(a) 32   (b) 21   (c) 47   (d) 83

12. Find the number in place of question mark(?) in the following matrix

3	5	7	9	11	13
8	26	48	81	?	170

(a) 119   (b) 121   (c) 111   (d) 120

13. Find the missing number:

Circle 1: 5, 4, 20, 9   Circle 2: 8, 3, 24, 11   Circle 3: 9, 4, ?, 13

(a) 81   (b) 117   (c) 36   (d) 52

14. Pointing to a photograph of a boy Suresh said, " He is the son of the only son of my mother." How is Suresh related to that boy?

(a) brother   (b) uncle   (c) cousin   (d) father

15. If A+B means A is the mother of B, A-B means A is the brother of B; A% B means A is father of B and A× B $means$ A is sister of B, which of the following shows that P is maternal uncle of Q ?

(a) Q-N+M× P $(b) P + Q \times S - N$ $(c) P - M + N \times Q$ $(d) Q - S \% P$

16. Sarita is at 27th position from the top in a class of 43 students . What is her rank from the other side?

(a) 21th   (b) 17th (c) 15th (d) 16th

17. In the series   641228742153862171413286

How many pairs of alternate numbers have difference of 2 ?

(a) one   (b) two   (c) three   (d) four

18. In a row of students, Ravi is 21st from either end of the row? How many students are there in a row?

(a) 40   (b) 41   (c) 42   (d) 43

19. Find the missing number:

  5, 8, 29, 153, 1073, ?

(a) 9668   (b) 8648   (c) 10209   (d) 7688

20.   7, 8, 16, 43, 107, ?

(a) 212   (b) 232   (c) 230   (d) 234