Note:-
- Assignments form an integral part of final examination. These marks will be added in final result.
- Parents / Guardians are requested to guide the children to do the work on their own.
- Home Assignment for each subject should be done on a separate **TEST COPY**. Except the map, model worksheet or chart work.
- **Home Assignment to be submitted in PDF subjectwise.**
- Assignment of all subjects must be submitted within first week of the school after winter vacations.
- Assignment of each subject is of 10 marks.

Winter Vacation Home Assignment

English:–
1. In 2010, the United Nations declared Dr. A.P.J. Abdul Kalam's birthday (15th October) as world students' day. Write an article on the importance of the youth / young students in the making of a New India (120 – 150 words)

2. Complete the following story. It has to be scary story that terrifies people. Give a suitable title to your story.

   I stopped my scooter in front of an old and dilapidated building. A haggered, skinny old man with drooping shoulders came towards me. "Don't go in, sir", he whispered. "It is dangerous………..".

Maths:-
- Solve the worksheet given below.

Science:-
1. Explain, why water comes out more slowly from a top on the first floor than from a top on the ground floor.
2. Why does friction damage the machines?
3. Why is it difficult to Walk on wet marble floor?
4. A singing clock is placed in Vaccum. Why will you not able to hear its ticking sound?

Social Studies:-
- Collect samples of major crops-wheat, rice, bajra, maize, oilseeds, coffee, tea, cotton. Paste these in a scrapbook. Also write about the climate and the type of soil each crop needs to grow.

Hindi:
प्रश्न 1. किसी की इज़्ज़त करना हमारा प्रथम कर्तव्य है। अगर इसी इज़्ज़त का वह गलत प्रयोग करने लगे तो आपको कैसा लगेगा अपने शब्दों में लिखों (80–100)

प्रश्न 2. समय के सदुपयोग पर एक अनुच्छेद लिखिए।

Urdu Advance:-

سوال۱- مولانا جوہر علی کب اور کہاں پیدا ہوئے ؟ اور انہوں نے ملک کو آزاد کرانے میں کون کون سے کادناہے انجام دیے تفصیل سے لکھئے ۔

سوال۲- ایمان مفصل کیا ہے؟ ایمان مفصل میں جن جیزوں پر ایمان دکھنے کے یے کہا گیا ہے ان سب کو الگ الگ بیان کیجیے ۔

Urdu Elementary:-

سوال۱- ہندوستان میں اثر پردیستی کی کیا اہمیت ہے اور اُس میں پائی جانے وای تمام چیزوں کا ذکر کرتے ہوئے ان کی خصوصیات کو واضح کیجیے ۔ اور ان کی تصویریں بھی پسیا کیجیے ۔

سوال۲- نماز کیا ہے؟ نماز کا ہماری زندگی میں کیا اہمیت ہے واضح کیجیے ۔ وصنوع کے فرائض بھی بتایئے ۔

MATHEMATICS WORKSHEET FOR HOLIDAY HOMEWORK

Tick (√) the correct answer.

1. The ratio 4:25 converted to percentage is
   (a) 8%   (b) 4%   (c) 16%   (d) 25%

2. The ratio of 10m to 1km is
   (a) 1:10   (b) 10:1   (c) 1:100   (d) 100:1

3. The fraction $\frac{2}{5}$ converted to percentage is
   (a) 20%   (b) 30%   (c) 40%   (d) 50%

4. Out of 40 students in a class, 25% passed. How many students passed?
   (a) 20   (b) 10   (c) 30   (d) 40

5. 40% of 50 students of a class are good at Science. How many students are not good at Science.
   (a) 20   (b) 30   (c) 10   (d) 40

6. Apala has ₹ 200 with her. She spent 80% amount she had. How much money is left with her?
   (a) ₹ 10   (b) ₹ 20   (c) ₹ 30   (d) ₹ 40

7. A bag is available for ₹ 90. The shopkeeper allows 10% discount on the marked price. What is the marked price of the bag.
   (a) ₹ 100   (b) ₹ 90   (c) ₹ 110   (d) ₹ 10

8. Vimla purchased a watch for ₹ 500. She sold it at a loss of 20%. Find the selling price.
   (a) ₹ 500   (b) ₹ 400   (c) ₹ 300   (d) ₹ 200

9. Sapna purchased a T.V. for ₹ 10000 and sold it for ₹ 8000. Find her loss%.
   (a) 10%   (b) 20%   (c) 40%   (d) 60%

10. A sofa-set was bought for ₹ 1000. Its value depreciated at the rate of 10% per annum. Find its value after one year.
    (a) ₹ 11000   (b) ₹ 9000   (c) ₹ 10000   (d) ₹ 1000

11. There are 1275 trees in Chaudhary Farm. Out of these 36% trees are the fruits. How many trees of fruits are there in Chaudhary Farm?
    (a) 459   (b) 549   (c) 945   (d) 954

12. On what a discount is calculated?
    (a) S.P.   (b) Market Price
    (c) Marked price   (d) None of these price

13. What should be the rate of interest per annum if interest is calculated quarterly?
    (a) Reduced to half   (b) reduced to one fourth
    (c) is doubled   (d) becomes four times.

14. What time period is taken when interest is calculated half yearly?
    (a) Twice as much as number of given years.
    (b) Half as much as number of given years.
    (c) Same as the number of given years.
    (d) None of these.

15. The population of a city was ₹ 20,000 in the year 1997. It increased at the rate of 5% p.a. Find the population at the end of the year 2000.
    (a) 25153   (b) 24153   (c) 23153   (d) None of these

16. Calculate compound interest on ₹ 11000 for 3 years at 15% per annum compounded annually.
    (a) 16729.625   (b) 15729.625   (c) 5729.625   (d) 6729.625

17. Calculate the amount on ₹ 1000 for 3 years at 10% p.a. compounded annually.
    (a) 1000   (b) 331   (c) 1331   (d) 231

18. The area of a rhombus whose diagonals are of length 10cm and 8.2cm

   is _____.

   (a) 41cm^2 (b) 82cm^2 (c) 410cm^2 (d) 820cm^2

19. All six faces of a cube are _____.

   (a) Identical   (b) Different   (c) Circular   (d) Rectangular

20. A cylindrical box has _____ curved surface _____ circular

   faces, which are identical.

   (a) one, one   (b) one, two   (c) two, one   (d) two, two

21. The height of a cylinder whose radius is 7cm and the total surface area

   is 968cm^2 is

   (a) 15cm   (b) 17cm   (c) 19cm   (d) 21cm

22. The volume of a room is 80m^3. The area of the floor is 20m^2. The

   height of the room is _____.

   (a) 1m   (b) 2m   (c) 3m   (d) 4m

23. The base radius and height of a right circular cylinder are 14cm and

   5cm respectively. Its curved surface is.s

   (a) 220cm^2 (b) 440cm^2

   (c) 1232cm^2 (d) 2 $\pi \times 14 \times (14 + 5)$ cm^2

24. The area of a trapezium is 480cm^2, the distance between two parallel

   sides is 15cm and one of the parallel side is 20cm. The other parallel

   side is _____.

   (a) 20cm   (b) 34cm   (c) 44cm   (d) 50cm

25. If a cuboidal box has height, length and width at 20cm, 15cm and 10

   respectively. Then its total surface area is:

   (a) 1100cm^2 (b) 1200cm^2 (c) 1300cm^2 (d) 1400cm^2

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