



# ODM PUBLIC SCHOOL

## HOLIDAY HOME WORK

CLASS- STD-VI

### ENGLISH

1. Write the rules of prepositions from grammar book in exercise notebook.
2. Solve the Men Mine practice paper -1 work sheets in book.
3. Write ten pages of handwriting with date mentioned at the top.

### MATHS

1. Write commutativity, associativity, for addition and multiplication, verify each by taking three set of numbers 5,16,20.
2. Solve
  - (a)  $8x + 15 = 71$
  - (b)  $\frac{3z}{4} = 6$
  - (c)  $5 - z = 7$
3. Translate each of the following phrase as an algebraic expression by taking number as x.
  - (a) 11 less than thrice a numbers
  - (b) 53 decreased by a number
  - (c) Six more than half of a numbers
  - (d) 7 times a number decreased by 5
  - (e) The sum of twice a number and 7
4. Give name the following property of numbers.  
 $a(b+c) = ab+ac$  , verify if for  $a = 2$ ,  $b = 3$ ,  $c = 5$
5. Change the following statement into expression: 'Neha has an amount to Rs x in her purse. If she distributes all the money to 21 beggars'. What value is shown here.
6. Ramu bought ribbon length for Rs 65 and a pair of scissors. The total cost of the items was Rs 86. Find the cost of a pair of scissors. (Take any variable for solving)
7. Solve by direct method.
  - (a)  $6x - 7 = 17$
  - (b)  $3x - 2 = -14$
  - (c)  $8 = 9 - 2x$
8. Present age of sonce is x years.
  - (a) What was his age 15 years back ?
  - (b) His father's age is two years more than three times of his age. Find his father's age in terms of son's age.
9. A car travels x km/hr. It is going cuttack to puri. After travelling 2 hrs, puri is still 12 km away. What is the distance from cuttack to puri ?

10. Verify the following expression for  $x = 2$   
 $4x^2 + 12x + 9 = 49$
11. A cyclist takes 7 rounds a rectangular field whose dimensions are 200m x 150 m. Find the total distance covered by him.
12. Every morning Ram and Shyam go for morning walk. Ram taken three rounds of the rectangular park of dimensions 200m x 150 m whereas Shyam takes two round of a square park of side. 275m. Who covers the longer distance and by how much ?
13. Find the perimeter of a regular heptagon with each side measuring 8m.
14. Find the cost of fencing a rectangular park of length 175 m and breadth 125m at the rate of Rs 15 per metre.
15. If perimeter of an equilateral triangle is 36 cm. Find the length of each side.
16. Sonu wants to cover the floor of a room 3m wide and 6m long by squared files. If each square file is of side 25cm, then find the number of tiles required to cover the floor of the room.
17. Find the area of rectangle whose sides are 5m and 20cm in  $m^2$ .
18. Five square flower beds each of sides 1m are dug on piece of land 5m long and 4m wide. What is the area of the remaining part of the land.
19. A rectangular field is 290 m long with 210 m width. How long will it take for a boy to go 2 times round the field, if he walks at 2m/sec.
20. Write the relation between diameter and radius of a circle. Also write the relation between circumference and radius of a circle. (Take radius = rcm)

## SCIENCE

1. Name two sources of complex carbohydrates. Identify the constituent molecules present in them.
2. Why is in take of more fat than carbohydrates in diet not advisable?
3. Name three factors on which the energy requirement of a person depends.
4. Write the activity to prepare vermicompost?
5. Name two materials that can be recycled.
6. Name the process in which oxygen of air is consumed.
7. What is meant by the term, 'humidity'?
8. What are the techniques of rainwater harvesting?
9. Describe water cycle in nature with labeled diagram.
10. Define magnetic and nonmagnetic substances. Give one example of each.
11. What are the properties of the poles of the magnet.
12. Differentiate between the image and the shadow of an object.

13. Write any two characteristics of a shadow.
14. Why camel is called 'ship of the desert'?
15. What are the adaptations in frogs?
16. What is phototropism and geotropism?
17. What is the source of natural rubber?
18. What are the types of joints? Write one example from each one.
19. What are the functions of skeletal system?
20. What is bone marrow?

## **SST**

### **HISTORY**

1. Briefly explain the military power of Mauryan Empire.
2. Write about the coins of Mauryan Empire?
3. What are the four noble truth of Buddhism?

#### **Map Skill:- In an outline map of India locate the places:-**

- I) The place where Buddha got enlightenment?
- II) The place where Sri Buddha gave his First holy sermon.
- III) The place of conquest which become the turning point of king Ashoka.
- IV) Three important Mauryan provinces of India.

### **GEOGRAPHY**

1. "The Great Indian Desert gets less rainfall." Why?
2. Why the northern plains are densely populated?
3. Distinguish between Western and Eastern coastal plains.

#### **Map Skill:-**

4. In a Political map of India locate the following:-
  - a) The three perennial rivers
  - b) The great Thar Desert.
  - c) Two rivers which flow into Arabian sea
  - d) Islands of India.
  - e) Mt. Everest, K2, Garo hills, Jaintia hills, Khasi hills
  - f) Peninsular Plateaus

### **CIVICS**

1. Briefly explain about the three bodies of village panchayat.
2. Describe briefly the functions of panchayat samiti?
3. What is panchayati Raj system? Explain.

**ODIA**  
**STD – VI**

୧. ‘ବୃକ୍ଷଲତା ଆମର ବନ୍ଧୁ’ : ସଂକ୍ଷିପ୍ତ ପ୍ରଶ୍ନାବଳୀ (୧.କ ରୁ ଡ)
୨. ରଚନା : ସ୍ଵାସ୍ଥ୍ୟ ହିଁ ସଂପଦ
୩. ଦରଖାସ୍ତ : ଗ୍ରାମର ରାସ୍ତା ସମସ୍ୟା ନେଇ ସରପଞ୍ଚଙ୍କ ନିକଟକୁ ଦରଖାସ୍ତ ।
୪. ହସ୍ତାକ୍ଷର : ୧୦ ପୃଷ୍ଠା ।

**HINDI**

**STD-VI**

୧. ଅନୁଚ୍ଛେଦ ଲିଖିଏ —  
‘ମଧୁର ବାଣୀ’
୨. ପତ୍ର ଲେଖନ –  
ଆପସେ କୌଣି ଭୂଲ ହୌ ଗର୍ହି ହୈ, ଓସକେ ଲିଏ କ୍ଷମା ମାଂଗତେ ହୁଏ ମାଂ କୌ ପତ୍ର ଲିଖିଏ ।
୩. ‘ରଥଯାତ୍ରା’ ପର ଦୌ ମିତ୍ରୌ କେ ବୌଚ ସଂବାଦ ଲିଖିଏ ।
୪. ‘ଚାଓକଲେଟ’ କେ ଲିଏ ବିଜ୍ଞାପନ ତୈୟାର କୌଜିଏ ।
୫. ତତ୍ସମ, ତଦ୍ଭବ ଶବ୍ଦୌ କେ ପାଓଚ-ପାଓଚ ଓଦାହରଣ ଲିଖିଏ ।

**SANSKRIT**  
**STD-VI**

୧. ଶବ୍ଦରୂପାଣି- ବାଲକ, ମୁନି, ଭାନୁ
୨. ଧାତୁରୂପାଣି - ପଢ୍, ଦୃଶ୍
୩. ବାର୍ତ୍ତାଲାପମ୍ - ପଞ୍ଚ