



ODM PUBLIC SCHOOL

HOLIDAY HOME WORK

CLASS- STD-VII

ENGLISH

1. Write the rules of reported speech (Direct and Indirect) in exercise note book.
2. Solve Me n' Mine Worksheets (practice paper-1) in book.
3. Write ten pages of handwriting with date mentioned at the top.

MATHS

01. Fill in the blanks.

- (i) A quality which has a numerical value is called a constant.
- (ii) A quantity which can take various values is called a
- (iii) An algebraic expression is a of constants and literals connected by the signs of fundamental operations.
- (iv) An algebraic expression having terms is called a binomial.
- (v) The degree of the term with the degree denotes the degree of the polynomial.

02. Identify the pairs of like terms :

$5x, -11y; 3ab, 2ab^2$
 $-11mn, 9mn; 2xyz, -6yzx;$
 $3m^2n, 2mn^2$ and $7x, 5xy$

03. Classify into monomials, binomials and trinomials:

- (i) $-3x^2yz^2$
- (ii) $3x + 2y$
- (iii) $a^2 + b^2 + c^2$
- (iv) $1 - 2a + 3abc$
- (v) $xy^2 + 100$

04. Write the degree of each of the following polynomials:

- (i) $12 + 4x - 5x^2 + 7x^6 - 11x^4$
- (ii) $1 - x^8$
- (iii) $3x^2y + 2x^2y^5 + 4xy^7 - 1$

05. Add:

(i) $2p + q, -p - 5q,$ and $3p + 7q$

(ii) $3x + 2y - 5z,$ and $2x - 5y + 4z$

(iii) $8x^2 + 5xy - 3y^2, -5x^2 + 3yx + 5y^2$ and $-3x^2 + 2xy + 4y^2$

06. Subtract :

(i) $3x + 5y - 2z$ from $8x + 11y + 5z$

(ii) $x^3 - 2x^2 + 12x - 5$ from $5x^2 - 7 - 3x^3 + 2x$

07. Subtract $3 - x + x^2 - 2x^3$ from the sum of $1 + x - x^2 + x^3$ and $x^3 + 3x^2 - 2x + 3$

08. What must be added to $2a^2 - 7ab + 5b^2$ to get $a^2 + 4ab - 3b^2$?

09. If $A = x^2 - 2x + 1, B = 3x^2 - 8x + 4$ and $C = 2x^2 + 3x - 2$, find $A - B - C$.

10. If $x = -2$, find the value of $x^3 - 3x^2 + 3x - 1$.

11. If $m = 5$ and $n = -2$, find the value of $m^2 - 2mn + n^2$.

12. The perimeter of a triangle is $(17x + 5y - 11z)$ metres. If its two sides are $(5x + 3y + z)$ metres and $(4x + y - 7z)$ metres, find its third side.

13. Ticks the correct alternative.

(i) Which of the following is not a monomial ?

(a) $2xyz$ (b) $-5x^2y$ (c) 17 (d) $xy + z$

(ii) In the monomial $-5x^2yz^2$, the coefficient of y is

(a) -5 (b) $-5x^2$ (c) $-5z^2$ (d) $-5x^2z^2$

(iii) $x - x^2 - 3x + 4x^2$ is equal to

(a) $5x^2 - 4x$ (b) $3x^2 - 5x$ (c) $3x^2 - 2x$ (d) $5x^2 - 2x$

(iv) The value of $5x^2 - 7y^3$ when $x = 2$ and $y = -1$ is

(a) 27 (b) 13 (c) 17 (d) 3

14. The perimeters of a rectangle and a square are equal. If the side of the square is 6 cm and length of the rectangle is 4cm, find the breadth of the rectangle.

15. A piece of wire, made in the form of a square of side 5.5 cm is cut and moulded in the form of a circle. Find the radius of the circle so formed.

16. A rope is placed on the ground in the form of an equilateral triangle of side 2.2 m. If this rope is spread out in the shape of a circle, what will be radius of the circle?

17. How many times does Radha have to run around a field 50 m long and 30 m wide in order to cover 2400 m?

18. A wire is in the shape of a rectangle of length 40 cm and breadth 22cm. If the same wire is again bent in the shape of a square, what will be the measure of each side? Also find which shape enclose more area?
19. A circular water tank has a diameter of 35 metres. Find the circumference of the tank.
20. In a rectangle ABCD, AB = 12 m and AC = 13 m. Find the perimeter of the rectangle ABCD.

SCIENCE

1. Consider the following plant : Papaya, Mustard, Rose, Corn, Petunia, Cucumber.
 - (a) Which of these plants have unisexual flowers?
 - (b) Which of these plants have bisexual flowers?
2. Describe the various ways by which seeds and fruits are dispersed.
3. Draw a labeled diagram of a flower showing its various parts.
4. What is the name of male part of a flower?
5. Yellow, powdery substance present in the anther.
6. Name one plant which can be reproduced through stem.
7. How does the heat from the sun reach the earth?
8. Define radiation. Give any two examples where heat is transferred by radiation.
9. What is meant by convection.
10. Name 3 ways in which heat can flow.
11. Explain why smoke always rise up.
12. Explain why, holes are made in hanging banners and hoardings.
13. What is thunder storm?
14. Make a list of important of soil.
15. Name the three layers of soil in terms of horizons.
16. What lies beneath C-horizon?
17. Name the most fertile soil for growing plans.
18. Name any two gaseous pollutants which cause acid rain.
19. What is meant by acid rain?
20. Blue litmus paper is dipped in a solution. It remains blue. What is the nature of the solutions? Explain.

SST

HISTORY

1. Explain briefly about medieval architecture of Bengal.
2. How did kakhak get its name?
3. List the medieval literature written in Tamil ,Telugu and Marathi.

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

- i) Plassey
- ii) Awadh
- iii) Hyderabad
- iv) Jaipur

GEOGRAPHY

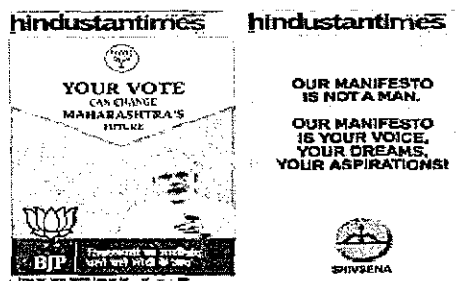
1. What are the causes for the occurrence of tides and ocean currents?
2. What do you know about the importance of tides?
3. Why there is uneven distribution of natural vegetation?

Map Skill:-

4. In an Political map of India locate the following:-
 - a) Tropical Evergreen Forest.
 - b) Tropical Deciduous Forest.
 - c) Thorny Forest and Tidal Forest.
 - d) Coniferous Forest.

CIVICS

1. What is a blog?
2. Define democracy.
3. Expand the abbreviation MLA.
4. Who appoints the council of Ministers?
5. What is a brand?
6. What is a Market?
7. State the difference between Barter system and transaction.
8. Distinguish between departmental store and chain system.
9. Name the processes involved in today's market system for selling of goods.
10. Name different types of Markets.
- 11.



- i) Identify the type of advertisement?
- ii) What is the objectivity of these advertisements?
12. What is the need for advertisement?

ODIA

୧. ପ୍ରଶ୍ନାବଳୀ : ମୁକ୍ତିଯୋଦ୍ଧା ଜୟୀ ରାଜଗୁରୁ
୨. ରଚନା : ଏକତା ହିଁ ବଳ
୩. ଦରଖାସ୍ତ : ତୁମ ଉଦ୍ଦିଷ୍ଟ୍ୟତ ଜୀବନରେ ତୁମେ କ'ଣ କରିବ ବୋଲି ମନସ୍ତୁ କରିଛ ତାହା ଜଣାଇ ବଡ଼ଭାଇ ନିକଟକୁ ପତ୍ର ।
୪. ହସ୍ତାକ୍ଷର : ୧୦ ପୃଷ୍ଠା ।

HINDI

୧. अनुच्छेद लिखो—
'मानव धर्म सबसे बड़ा धर्म'
୨. आप छात्रावास में रहते हैं । पत्र के माध्यम से अपने पिता जी को अपने परीक्षा की तैयारी के विषय में बताइए ।
୩. 'हमारे जीवन में मेले का महत्व' विषय पर पिता और पुत्र के बीच संवाद लगभग ୫୦ शब्दों में लिखिए ।
୪. 'स्कूल बैग' के लिए विज्ञापन तैयार कीजिए ।
୫. विशेषण के दस उदाहरण लिखो ।

SANSKRIT

୧. अपठित अनुच्छेदम् - द्वयं
୨. चित्रलिखनम् - द्वयं
୩. पत्रलिखनम् - द्वयं
୪. सन्धि