SHRI OMAR VAISH VIDYAPEETH
MANBODHAN PRASAD PUBLIC SCHOOL
SHYAM NAGAR, KANPUR
HOLIDAY HOMEWORK (SUMMER)
CLASS-8

हिन्दी

1. हिन्दी पाठ्य पुस्तक ' भोर' का पेज न0 143 (भाषा ज्ञान) तथा पेज न. 144 (रचनात्मक गतिविधियाँ) करें।
2. हिन्दी व्याकरण पुस्तक पाठ– 21 अपठित गद्यांश एवं काव्यान्श का पेज न- 126 और 127 से अपठित गद्यांशक, ख, तथा ग करें।

MATHS

Do given worksheet

SCIENCE

Do given worksheet

ENGLISH LIT

Sample paper 1 sec 'A' 'B' (from Daffodils sample and worksheet)

ENGLISH LAN

Page 2 to 8 (Grammar Trove Worksheet Book)

S.ST

GEOGRAPHY

Q1- What are resources? Write the importance of resources?
Q2- Explain the division on the basis of distribution of resources ?
Q3- Why there is a need of conservation of natural resources?
Q4- What are the values of natural resources?
Q5- What is sustainable development ? write the features of sustainable development?

HISTORY

Q1- What is history ? Why is history important ?
Q2- Write the ill- effects of Diwani system on the peasants & workers?
Q3- Explain the Mahalwari system?
Q4- What do you know about Wahabi movement?
Q5- What are the impacts of British Rural Policies on India's economy?

CIVICS

Q1- What is constitution ? Why there is a need of constitution ?
Q2- What are the key features of Indian constitution ?
Q3- Explain basic fundamental rights of Indian constitution.
Q4- What do you understand by separation of powers?

SCIENCE

Q1. Write the differences between manure and fertlisers?
Q2. What are main features of green revolution in India?
Q3. Whatis "Horticulture"?
Q4. What is soil science?
Q5. Who discovered the vaccine for smallpox?
Q6. Who discovered fermentation?
Q7. Draw diagram of nitrogen cycle.
Q8. Make a Model on Metals conduct electricity with the help of activity- 2 onpage No.52
HELPING MATERIAL--(1)Electriccellorbattery (2)LEDBulb (3)Conductingwires (4)Safety pin.
Q9.Makeatableno-4.4ofPageno.-57,onthe"Reactivityseriesofmetals

Mark (✓) against the correct answer in each of the following:

1. The value of $\left(\frac{2}{5}\right)^{-3}$ is

(a) $-\frac{8}{125}$ (b) $\frac{25}{4}$ (c) $\frac{125}{8}$ (d) $-\frac{2}{5}$

2. The value of $(-3)^{-4}$ is

(a) 12 (b) 81 (c) $-\frac{1}{12}$ (d) $\frac{1}{81}$

3. The value of $(-2)^{-5}$ is

(a) -32 (b) $\frac{-1}{32}$ (c) 32 (d) $\frac{1}{32}$

4. $(2^{-5} \div 2^{-2}) = ?$

(a) $\frac{1}{128}$ (b) $\frac{-1}{128}$ (c) $-\frac{1}{8}$ (d) $\frac{1}{8}$

5. The value of $(3^{-1} + 4^{-1})^{-1} \div 5^{-1}$ is

(a) $\frac{7}{10}$ (b) $\frac{60}{7}$ (c) $\frac{7}{5}$ (d) $\frac{7}{15}$

6. $\left(\frac{1}{2}\right)^{-2} + \left(\frac{1}{3}\right)^{-2} + \left(\frac{1}{4}\right)^{-2} = ?$

(a) $\frac{61}{144}$ (b) $\frac{144}{61}$ (c) 29 (d) $\frac{1}{29}$

7. $\left\{\left(\frac{1}{3}\right)^{-3} - \left(\frac{1}{2}\right)^{-3}\right\} \div \left(\frac{1}{4}\right)^{-3} = ?$

(a) $\frac{19}{64}$ (b) $\frac{27}{16}$ (c) $\frac{64}{19}$ (d) $\frac{16}{25}$

8. $\left[\left\{\left(-\frac{1}{2}\right)^{2}\right\}^{-2}\right]^{-1} = ?$

(a) $\frac{1}{16}$ (b) 16 (c) $-\frac{1}{16}$ (d) -16

9. The value of x for which $\left(\frac{7}{12}\right)^{-4} \times \left(\frac{7}{12}\right)^{3x} = \left(\frac{7}{12}\right)^{5}$, is

(a) -1 (b) 1 (c) 2 (d) 3

10. If $(2^{3x-1} + 10) \div 7 = 6$, then x is equal to

(a) -2 (b) 0 (c) 1 (d) 2

11. $\left(\frac{2}{3}\right)^{0} = ?$

(a) $\frac{3}{2}$ (b) $\frac{2}{3}$ (c) 1 (d) 0

12. $\left(\frac{-5}{3}\right)^{-1} = ?$

(a) $\frac{5}{3}$ (b) $\frac{3}{5}$ (c) $\frac{-3}{5}$ (d) none of these

13. $\left(-\frac{1}{2}\right)^{3} = ?$

(a) $\frac{-1}{6}$ (b) $\frac{1}{6}$ (c) $\frac{1}{8}$ (d) $\frac{-1}{8}$

14. $\left(\frac{-3}{4}\right)^{2} = ?$

Mark (✓) the correct answer in each of the following:

1. Which of the following numbers is not a perfect square?
   (*a*) 7056 (*b*) 3969 (*c*) 5478 (*d*) 4624
   Hint. *The number* 5478 *ends in* 8.
2. Which of the following numbers is not a perfect square?
   (*a*) 1444 (*b*) 3136 (*c*) 961 (*d*) 2222
   Hint. *The number* 2222 *ends in* 2.
3. Which of the following numbers is not a perfect square?
   (*a*) 1843 (*b*) 3721 (*c*) 1024 (*d*) 1296
   Hint. *The number* 1843 *ends in* 3.
4. Which of the following numbers is not a perfect square?
   (*a*) 1156 (*b*) 4787 (*c*) 2704 (*d*) 3969
   Hint. *The number 4787 ends in 3.*
5. Which of the following numbers is not a perfect square?
   (*a*) 3600 (*b*) 6400 (*c*) 81000 (*d*) 2500
   Hint. *The number* 81000 *ends in an odd number of zeros.*
6. Which of the following cannot be the unit digit of a perfect square number?
   (*a*) 6 (*b*) 1 (*c*) 9 (*d*) 8
7. The square of a proper fraction is
   (*a*) larger than the fraction (*b*) smaller than the fraction
   (*c*) equal to the fraction (*d*) none of these
8. If n is odd, then $(1 + 3 + 5 + 7 + \ldots.$ to n terms) is equal to
   (*a*) $(n^2 + 1)$ (*b*) $(n^2 - 1)$ (*c*) n^2 (*d*) $(2n^2 + 1)$
9. Which of the following is a Pythagorean triplet?
   (*a*) (2, 3, 5) (*b*) (5, 7, 9) (*c*) (6, 9, 11) (*d*) (8, 15, 17)
10. What least number must be subtracted from 176 to make it a perfect square?
    (*a*) 16 (*b*) 10 (*c*) 7 (*d*) 4
11. What least number must be added to 526 to make it a perfect square?
    (*a*) 3 (*b*) 2 (*c*) 1 (*d*) 6
12. What least number must be added to 15370 to make it a perfect square?
    (*a*) 4 (*b*) 6 (*c*) 8 (*d*) 9
13. $\sqrt{0.9} = ?$
    (*a*) 0.3 (*b*) 0.03 (*c*) 0.33 (*d*) 0.94
14. $\sqrt{0.1} = ?$
    (*a*) 0.1 (*b*) 0.01 (*c*) 0.316 (*d*) none of these
15. $\sqrt{0.9} \times \sqrt{1.6} = ?$
    (*a*) 0.12 (*b*) 1.2 (*c*) 0.75 (*d*) 12
    Hint. $\sqrt{0.9} \times \sqrt{1.6} = \sqrt{1.44} = 1.2$.

A. 1. Evaluate $\left(1\frac{2}{5}\right)^3$.

2. Evaluate $\sqrt[3]{4096}$.

3. Evaluate $\sqrt[3]{216 \times 343}$.

4. Evaluate $\sqrt[3]{\frac{-64}{125}}$.

B. Mark (✓) against the correct answer in each of the following:

5. $\left(1\frac{3}{4}\right)^3 = ?$

(a) $1\frac{27}{64}$ (b) $2\frac{27}{64}$ (c) $5\frac{23}{64}$ (d) none of these

6. Which of the following numbers is a perfect cube?

(a) 121 (b) 169 (c) 196 (d) 216

7. $\sqrt[3]{216 \times 64} = ?$

(a) 64 (b) 32 (c) 24 (d) 36

8. $\sqrt[3]{\frac{-343}{729}} = ?$

(a) $\frac{7}{9}$ (b) $\frac{-7}{9}$ (c) $\frac{-9}{7}$ (d) $\frac{9}{7}$

9. By what least number should 324 be multiplied to get a perfect cube?

(a) 12 (b) 14 (c) 16 (d) 18

10. $\frac{\sqrt[3]{128}}{\sqrt[3]{250}} = ?$

(a) $\frac{3}{5}$ (b) $\frac{4}{5}$ (c) $\frac{2}{5}$ (d) none of these

11. Which of the following is a cube of an odd number?

(a) 216 (b) 512 (c) 343 (d) 1000

C. Fill in the blanks:

12. (i) $\sqrt[3]{ab} = (\sqrt[3]{a}) \times (\ldots\ldots)$.

(ii) $\sqrt[3]{\frac{a}{b}} = \ldots\ldots$.

(iii) $\sqrt[3]{-x} = \ldots\ldots$.

(iv) $(0.5)^3 = \ldots\ldots$.

Do All Work in Comment Sheets

School will be Re-Open on
1th July 2019 (Monday)

Timing- 7:30 am to 1:30 Pm