

HARI VIDYA BHAWAN

Worksheet – 14

Class – VI

Chapter- 12 : Ratio and Proportion

(REVISION)

Subject : Mathematics

Date : 26/02/2021

INSTRUCTIONS :

*Please note from now onwards all worksheets should be completed in the notebook of respective subjects.

These worksheets will be considered as your periodic test. Marks will be given on completion else you will have to appear for a pen-paper test once the school reopens.

*Read every topic which will be given in worksheet of the chapter from your coursebook.

*All the students must purchase course books as it will enable you to understand the chapter.

*All queries regarding worksheets shall be resolved from 8:00 am - 3:00 pm

*Kindly download active app which is must for your effective learning.

Practice question from Maths Rehearse - practice Book- **Ratio and Proportion**

1. Question 1.

The cost of a pen is ₹ 10. The cost of a pencil is ₹ 2. How many times of the cost of a pencil is the cost of a pen?

- (a) 5 times
- (b) 2 times
- (c) 10 times
- (d) none of these.

Answer

Answer: (a)

Hint:

$$10 = 5 \times 2$$

Question 2.

The monthly salary of Hari Kishan is ₹ 80000. The monthly salary of Manish is ₹ 40000. How many times of the salary of Manish is the salary of Hari Kishan?

- (a) 2 times
- (b) 4 times
- (c) 3 times
- (d) 8 times.

Answer

Answer: (a)

Hint:

$$80000 = 2 \times 40000$$

Question 3.

There are 30 boys and 20 girls in a class. The ratio of the number of girls to the number of boys is

- (a) 2:3
- (b) 3:2
- (c) 2:5
- (d) 3:5.

Answer

Answer: (a)

Hint:

$$20/30 = 2/3 = 2 : 3$$

Question 4.

There are 25 boys and 25 girls in a class. The ratio of the number of boys to the total number of students is

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

Answer

Answer: (a)

Hint:

$$25/(25+25) = 25/50 = 1/2 = 1 : 2$$

Question 5.

The height of Apala is 150 cm. The height of Pari is 120 cm. The ratio of the height of Apala to the height of Pari is

- (a) 4:5
- (b) 5:4
- (c) 5:2
- (d) 4:1.

Answer

Answer: (b)

Hint:

$$150/120 = 15/12 = 5/4 = 5 : 4$$

Question 6.

The cost of a car is ₹ 3,00,000. The cost of a motorbike is ₹ 50,000. The ratio of the cost of motorbike to the cost of car is

- (a) 1:6
- (b) 1:5

- (c) 1:4
(d) 1:3.

Answer

Answer: (a)

Hint:

$$50,000/3,00,000 = 1/6 = 1 : 6$$

Question 7.

The speed of Shubham is 6 km per hour. The speed of Yash is 2 km per hour. The ratio of the speed of Shubham to the speed of Yash is

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

Answer

Answer: (b)

Hint:

$$6/2 = 3/1 = 3 : 1$$

Question 8.

The length and breadth of a rectangular park are 50 m and 40 m respectively. Find the ratio of the length to the breadth of the park.

- (a) 4:5
(b) 4:1
(c) 5:1
(d) 5:4.

Answer

Answer: (d)

Hint:

$$50/40 = 5/4 = 5 : 4$$

Question 9.

The ratio 40 cm to 1 m is

- (a) 2:5
(b) 3:5
(c) 4:5
(d) 5:2.

Answer

Answer: (a)

Hint:

$$1 \text{ m} = 100 \text{ cm}$$

$$40/100 = 2/5 = 2 : 5$$

Question 10.

In a family, there are 8 males and 4 females. The ratio of the number of females to the number of males is

- (a) 1:2
- (b) 1:4
- (c) 1:8
- (d) 2:1.

Answer

Answer: (a)

Hint:

$$4/8 = 1/2 = 1 : 2$$

HARI VIDYA BHAWAN
CLASS – 6th
SOCIAL SCIENCE
REVISION WORKSHEET – 14

DATE: 26/02/2021

General Instructions: -

1. Please note from now onwards all worksheets should be completed in notebook of respective subject.
2. These worksheets will be considered as your periodic test. Marks will be given on completion else you will have to appear for pen paper test once the school reopens.
3. Read every topic which will be given in worksheet of the chapter from your course book.
4. All the students must purchase course books as it will enable you to understand the chapter.
5. All queries regarding worksheets shall be resolved from 8:00 a.m. to 3:00p.m.
6. See video 1.1.3 on active app and read chapter 1 of geography from social science course book for this worksheet as it will help you to understand the topic.
7. Kindly download active app which is must for your effective learning.

GEOGRAPHY
CHAPTER – 1
The Earth in the Solar System

Que 1. Choose the correct answer:

1. The temperature of the surface of the sun is about _____.
(a) 5,000 C (b) 5,500 C (c) 6,000 C (d) 6,500 C
2. _____ has a reddish appearance.
(a) Venus (b) Mars (c) Jupiter (d) Saturn
3. _____ rotates in a clockwise direction.
(a) Mercury (b) Venus (c) Jupiter (d) Saturn
4. Halley's Comet appears after every _____.
(a) 70 years (b) 72 years (c) 74 years (d) 76 years

Que 2. Fill in the blanks:

1. The largest planet in the solar system is _____.

2. The path taken by the planets to go around the Sun is called _____.

3. Mercury, Venus, Earth and Mars are collectively called _____.

4. _____ is the largest asteroid.

Que 3. Short answers:

1. What are celestial bodies?

2. To which galaxy does our solar system belong?

HARI VIDYA BHAWAN

Worksheet – 14

Class – VII

Chapter- 12 : Algebraic expressions (REVISION)

Subject : Mathematics

Date : 26/02/2021

INSTRUCTIONS :

*Please note from now onwards all worksheets should be completed in the notebook of respective subjects.

These worksheets will be considered as your periodic test. Marks will be given on completion else you will have to appear for a pen-paper test once the school reopens.

*Read every topic which will be given in worksheet of the chapter from your coursebook.

*All the students must purchase course books as it will enable you to understand the chapter.

*All queries regarding worksheets shall be resolved from 8:00 am - 3:00 pm

*Kindly download active app which is must for your effective learning.

Practice question from Maths Rehearse - practice Book- **Algebraic expressions**

1. Question 1.

How many terms are there in the expression $2x^2y$?

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

Answer: (a) 1

Question 2.

How many terms are there in the expression $2y + 5$?

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

Answer: (b) 2

Question 3.

How many terms are there in the expression $1.2ab - 2.4b + 3.6a$?

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

Answer: (c) 3

Question 4.

How many terms are there in the expression $-2p^3 - 3p^2 + 4p + 7$?

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

Answer: (d) 4

Question 5.

What is the coefficient of x in the expression $4x + 3y$?

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

Answer: (d) 4

Question 6.

What is the coefficient of x in the expression $2 - x + y$?

- (a) 2
- (b) 1
- (c) -1
- (d) None of these

Answer: (c) -1

Question 7.

What is the coefficient of x in the expression $y^2x + y$?

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

Answer: (a) y^2

Question 8.

What is the coefficient of x in the expression $2z - 3xz$?

- (a) 3
- (b) z
- (c) $3z$
- (d) $-3z$

Answer: (d) $-3z$

Question 9.

What is the coefficient of x in the expression $1 + x + xz$?

- (a) z
- (b) $1 + z$
- (c) 1
- (d) $1 + x$

Answer: (b) $1 + z$

Question 10.

What is the coefficient of x in the expression $2x + xy^2$?

- (a) $2 + y^2$
- (b) 2
- (c) y^2
- (d) None of these

Answer: (a) $2 + y^2$

HARI VIDYA BHAWAN
CLASS - 7th
SOCIAL SCIENCE
REVISION WORKSHEET 14

DATE: 26/02/2021

General Instructions: -

1. Please note from now onwards all worksheets should be completed in notebook of respective subjects.
2. These worksheets will be considered as your periodic test. Marks will be given on completion else you will have to appear for pen paper test once the school reopens.
3. Read every topic which will be given in worksheet of the chapter from your course book.
4. All the students must purchase course books as it will enable you to understand the chapter.
5. All queries regarding worksheets shall be resolved from 8:00am to 3:00pm.
6. See videos on active app (3.4.3) and read the chapter as it will help you to understand the topic.

Geography
CHAPTER - 4
Composition and Structure of the Atmosphere

Q A. Choose the correct answer and fill in the blanks.

1. The lowest layer of the atmosphere is _____.
a) mesosphere b) stratosphere c) troposphere d) thermosphere
2. The uppermost layer of the atmosphere is _____.
a) Troposphere b) exosphere c) mesosphere d) ionosphere
3. The approximate height of the atmosphere is _____.
a) 1200 km b) 1400 km c) 1500 km d) 1600 km
4. All weather phenomena take place in the _____.
a) Troposphere b) Stratosphere c) Mesosphere d) Thermosphere

Q B. Fill in the blanks.

1. The blanket of air surrounding the Earth is called _____.
2. Nitrogen is the main gas present in air, constituting about _____ of it.
3. The Troposphere extends to a height of about _____ at the Equator.

4. The exosphere gradually merges with the _____ space.

Q C. Short answers:

1. Name the five layers of the atmosphere.

2. What is the significance of the ozone layer?

3. Which layer of the atmosphere makes radio communication possible?

HARI VIDYA BHAWAN

Revision Worksheet – 14

Class – VIII

Chapter 11 : Mensuration

(REVISION)

Subject : Mathematics

Date : 26/02/2021

INSTRUCTIONS :

***Please note from now onwards all worksheets should be completed in the notebook of respective subjects.**

These worksheets will be considered as your periodic test. Marks will be given on completion else you will have to appear for a pen-paper test once the school reopens.

***Read every topic which will be given in worksheet of the chapter from your coursebook.**

***All the students must purchase course books as it will enable you to understand the chapter.**

***All queries regarding worksheets shall be resolved from 8:00 am - 3:00 pm**

***Kindly download active app which is must for your effective learning.**

Practice question from Maths Rehearse - practice Book- **Mensuration**

Question 1.

The diagram has the shape of a



- (a) square
- (b) rectangle
- (c) triangle
- (d) trapezium.

Answer: (b) rectangle

Question 2.

The diagram has the shape of a

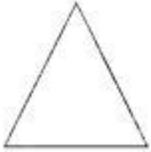


- (a) rectangle
- (b) square
- (c) circle
- (d) parallelogram.

Answer: (b) square

Question 3.

The diagram has the shape of a



- (a) circle
- (b) rectangle
- (c) square
- (d) triangle.

Answer: (d) triangle

Question 4.

The diagram has the shape of a

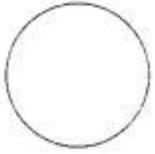


- (a) rectangle
- (b) square
- (c) parallelogram
- (d) circle.

Answer: (c) parallelogram

Question 5.

The diagram has the shape of a

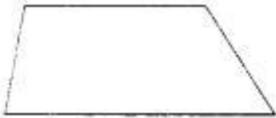


- (a) circle
- (b) square
- (c) rectangle
- (d) parallelogram.

Answer : (a) circle

Question 6.

The diagram has the shape of a



- (a) circle
- (b) parallelogram
- (c) rectangle
- (d) trapezium.

Answer: (d) trapezium

Question 7.

The area of a rectangle of length a and breadth b is

- (a) $a + b$
- (b) ab
- (c) $a^2 + b^2$
- (d) $2ab$.

Answer: (b) ab

Question 8.

The area of a square of side a is

- (a) a
- (b) a^2
- (c) $2a$
- (d) $4a$.

Answer: (b) a^2

Question 9.

The area of a triangle with base b and altitude h is

- (a) $\frac{1}{2}bh$
- (b) bh
- (c) $\frac{1}{3}bh$
- (d) $\frac{1}{4}bh$.

Answer: (a) $\frac{1}{2}bh$

Question 10.

The area of a parallelogram of base b and altitude h is

- (a) $\frac{1}{2}bh$
- (b) bh
- (c) $\frac{1}{3}bh$
- (d) $\frac{1}{4}bh$.

Answer: (b) bh

HARI VIDYA BHAWAN
CLASS – 8th
SOCIAL SCIENCE
REVISION WORKSHEET – 14

DATE: 26/02/2021

General Instructions: -

1. Please note from now onwards all worksheets should be completed in notebook of respective subject.
2. These worksheets will be considered as your periodic test. Marks will be given on completion else you will have to appear for pen paper test once the school reopens.
3. Read every topic which will be given in worksheet of the chapter from your course book.
4. All the students must purchase course books as it will enable you to understand the chapter.
5. All queries regarding worksheets shall be resolved from 8:00 a.m. to 3:00p.m.
6. See video 3.9.3 on active app and read chapter 9 of civics from social science course book for this worksheet as it will help you to understand the topic.
7. Kindly download active app which is must for your effective learning.

CIVICS
CHAPTER – 9
Economic Presence of the Government

Que 1. Choose the correct answer:

1. At least _____ of India's population is engaged in agricultural sector.
(a) 50% (b) 80% (c) 65% (d) 70
2. The Planning Commission was set up in _____.
(a) 1947 (b) 1950 (c) 1991 (d) 1961
3. Sarva Shiksha Abhiyan aims at universalisation of _____.
(a) Elementary education (b) higher education (c) agriculture (d) sanitation
4. Zamindari system was abolished in _____.
(a) 1950 (b) 1956 (c) 1954 (d) 1955
5. _____ industries need limited capital and labour force.
(a) Heavy (b) Small-scale (c) Public (d) Private

Que 2. Fill in the blanks:

1. The Planning Commission was now been replaced by _____.
2. _____ is a new tax levied on supply of goods instead of many indirect taxes.
3. National Rural Drinking Water Programme was launched on _____.
4. _____ was launched on 2 October 2014.
5. _____ guarantees 100 days of employment to rural households.

Que 3. Short answers:

1. Define Green Revolution.

2. Give two examples of public sector industries.

3. What is small-scale industry?

4. How many five year plans have been completed so far?
