

Reasoning :-

Ch. 1 Series completion and Inserting choose the correct option from given ones that will complete the series.

(1) 66, 36, 18, ?

- (a) 3 (b) 6 (c) 8 (d) 9

(2) 2, 2, 5, 13, 28, ?

- (a) 49 (b) 50 (c) 51 (d) 52

(3) 0, 2, 8, 14, ? 34

- (a) 20 (b) 23 (c) 24 (d) 25

(4) 1, 5, 14, 30, 55, 91, ?

- (a) 130 (b) 140 (c) 150 (d) 160

(5) 240, ? 120, 40, 10, 2

- (a) 180 (b) 240 (c) 420 (d) 480

(6)

1	5	2
3	6	7
10	?	51

(a) 61

(b) 41

(b) 65

(c) 45

(7)

9	6	7
8	?	3
3	5	8
216	900	168

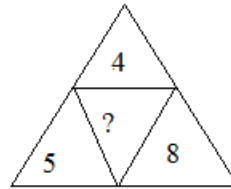
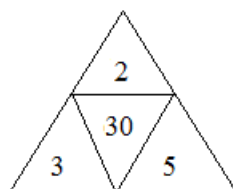
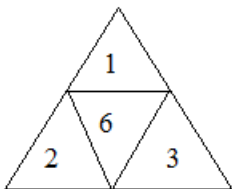
(a) 30

(b) 55

(c) 60

(d) 70

(8)



(a) 16

(b) 100

(c) 160

(d) 180

Q.(9-10) Find out the wrong term.

(9) 16, 22, 30, 45, 52, 66

(a) 30

(b) 45

(c) 52

(d) 66

(10) 2,5,10,50,500,5000

(a) 5

(b) 10

(c) 50

(d) 5000

Ch. 2 Analogy and classification.

Select the related word/letters/number from the given alternatives.

Q.1 Kidney : Nephron :: Central Nervous System

(a) Cerebrum

(b) Brain

(c) Neurons

(d) Spinal cord

Q.2 4 : 17 :: 7 : ?

(a) 48

(b) 50

(c) 51

(d) 49

Q.3 DFHJ : WUSQ :: HJLN : ?

(a) RTVX

(b) TWYZ

(c) PRTW

(d) SQOM

Q.4 $Y^2 : 4 :: V^2 : ?$

(a) 49

(b) 25

(c) 16

(d) 9

Q.5 $2 : 32 :: 3 :$

(a) 243

(b) 293

(c) 183

(d) 143

Q.6 $225 : 256 :: 289 : ?$

(a) 234

(b) 361

(c) 324

(d) 432

Q.7 $F : 216 :: L : ?$

(a) 1728

(b) 1700

(c) 1600

(d) 1723

Q.8 Find odd one out.

(a) Zebra

(b) Lion

(c) Tiger

(d) Hourse

Q.9 (a) Ginger

(b) Onion

(c) Beetroot

(d) Coriander

Q.10 (a) 295 (b) 381 (c) 552 (d) 729 (e) 903

Chapter 2 (Powers)

Q.1 Express each of the following as a rational number of the form $\frac{p}{q}$

(a) $(2^{-1}+3^{-1})^2$ (b) $(2^{-1}-4^{-1})^2$ (c) $\left\{\left(\frac{4}{3}\right)^{-1} - \left(\frac{1}{4}\right)^{-1}\right\}^{-1}$

Q.2 (i) Simplify: $(2^{-1} \times 5^{-1})^{-1} \div 4^{-1}$ (ii) $(4^{-1}+8^{-1}) \div \left(\frac{2}{3}\right)^{-1}$

Q.3 Prove that :

$$\frac{1}{1+x^{b-a}+x^{c-a}} + \frac{1}{1+x^{a-b}+x^{c-a}} + \frac{1}{1+x^{b-a}+x^{a-c}} = 1$$

Q.4 If $a^{1/x}=b^{1/y}=c^{1/z}$, $b^2 = ac$, then find the value of $\frac{x+z}{2y}$

Q.5 Arrange in descending order of magnitude $\sqrt[3]{2}$, $\sqrt[6]{3}$, $\sqrt[9]{4}$

Q.6 Which is greater of the two : 2^{300} or 3^{200} ?

Q.7 Write the following numbers in standard form.

(i) 0.4579

(ii) 0.000007

(iii) 9573×10^{-4}

Q.8 Simplify : (i) $\frac{25 \times t^{-4}}{5^{-3} \times 10Xt^{-8}}$ ($t \neq 0$)

(ii) $\frac{3^{-5} \times 10^{-5} \times 125}{5^{-7} 6^{-5}}$

Q.9 Express the following numbers in usual form.

(i) 3.02×10^{-6}

(ii) 4.5×10^4

(iii) 1.001×10^9

Q.10 In a stack, there are 5 books each of thickness 20 mm and 5 paper sheets each of thickness 0.016 mm. What is the total thickness of the stack?

(N.T.S.E. Based Questions)

Q.1 The value of $\frac{2^{2001} + 2^{1999}}{2^{2000} - 2^{1998}}$ is

(a) 2

(b) $\frac{10}{3}$

(c) $2^{1000} + 1$

(d) 10

Q.2 When simplified $(x^{-1} + y^{-1})^{-1}$ is equal to

(a) $x+y$

(b) $\frac{xy}{x+y}$

(c) xy

(d) $\frac{1}{xy}$

Q.3 The value of $[x + x(x^x)]$ when $x = 2$ is

(a) 10

(b) 16

(c) 18

(d) 36

Q.4 The solution of $3^{3x-5} = \frac{1}{9^x}$ is

(a) $\frac{5}{2}$

(b) 5

(c) 1

(d) $\frac{7}{3}$

Q.5 Given that $2^h \times 2^3 = 2^9$, Find the value of h.

(a) 3

(b) 6

(c) 8

(d) 12

Q.6 If $\frac{10}{3} \times 3^x - 3^{x-1} = 81$, then the value of x is

(a) 2

(b) 1

(c) 3

(d) 0

Q.7 The standard form of 15240000 is

(a) 1.524×10^7

(b) 1.524×10^6

(c) 15.24×10^7

(d) 1.524×10^8

Q.8 Simplify : $\frac{4r}{(r^3m)^2}$

(a) $\frac{1}{2m}$

(b) $\frac{4}{r^3m}$

(c) $\frac{4r}{r^5m}$

(d) $\frac{4}{r^3m^2}$

Q.9 Which of the following is not equal to y^6 ?

(a) $(y^{2/3})^9$

(b) $(\sqrt{y^6})^2$

(c) $\sqrt[3]{y^{18}}$

(d) $(y^{1/3})^{12}$

Q.10 The value of expression $(\frac{1}{3})^3 \times (\frac{-2}{5})^2 \times (\frac{-3}{2})^3$

(a) $\frac{1}{50}$

(b) $\frac{-1}{50}$

(c) 1

(d) 0

Q.11 Find the value of n from the given equation

$$5^{12} \div \sqrt[4]{625} = 5^{3n-1}$$

(a) 4^{-1}

(b) 4^2

(c) 4^{-2}

(d) 4

Q.12 Find the value of $\frac{27 \times t^{-4}}{3^{-2} \times 18 \times t^{-8}}$ ($t \neq 0$)

(a) $\frac{9}{2} t^4$

(b) $\frac{27}{2} t^{-4}$

(c) $\frac{27}{2} t^4$

(d) $\frac{9}{2} t^{-4}$

Q.13 If $2 = 10^m$ and $3 = 10^n$, then find the value of 0.15

(a) 10^{n-m+1}

(b) 10^{n+m+1}

(c) 10^{n-m-1}

(d) $10^{-(m-n-1)}$

Q.14 Find x, if $8^{x-2} \times (\frac{1}{2})^{4-3x} = (0.0625)^x$

(a) 0

(b) 4

(c) 2

(d) 1

Q.15 The value of $3 \sqrt[3]{2} \times 7 \sqrt[3]{6} \times 5 \sqrt[3]{18}$ is

(a) 545

(b) 500

(c) 630

(d) 400

Q.16 The value of $\frac{(5)^{0.25} \times (5)^{0.25}}{(256)^{0.10} \times (256)^{0.15}}$ is

(a) $\frac{\sqrt{5}}{2}$

(b) $\frac{5}{4}$

(c) $\frac{25}{2}$

(d) $\frac{25}{16}$

Q.17 By what number should $(\frac{-3}{2})^{-3}$ be divided so that the quotient is $(\frac{4}{27})^{-2}$?

(a) $4 \times \left(\frac{2}{9}\right)^3$ (b) $2 \times \left(\frac{4}{27}\right)^3$ (c) $-4 \times \left(\frac{2}{3}\right)^3$ (d) $-2 \times \left(\frac{4}{27}\right)^3$

Q.18 If $64^{a+b} = \frac{1}{256^b}$ then $3a + 4b$ equals

(a) 2 (b) 4 (c) 8 (d) 0

Q.19 Find the value of $3 \times \sqrt[3]{125} - 5 \times \sqrt[6]{64} + \sqrt[4]{256} + 2 \times \left(\frac{8}{27}\right)^{-1/3}$

(a) -12 (b) $(12)^{-1}$ (c) $(12)^2$ (d) 12

Q.20 If $x = 16$ then find the value of the expression

$$\frac{x-1}{x^{\frac{3}{4}} + x^{\frac{1}{2}}} \cdot \frac{x^{1/2} + x^{1/4}}{\frac{1}{x^2 + 1}} \cdot x^{1/4}$$

(a) 9 (b) 3 (c) 27 (d) 3^0

English Assignment

Class – 8

CHAPTER – I A FLUTE PLAYER

Q.1 Who lived on the outskirts of the city of Jaipur?

a. Kamla

b. Kamla's grandfather

c. Kamla's parents

d. Kamla's grandmother.

Q.2 Kamla was used to _____.

a. Village life

b. City life

c. Both a and b

d. none of these

Q.3 Where did Kamla's parents live in?

a. Jaipur

b. London

c. Delhi

d. Manchester

Q.4 What was Kamla's father?

a. A doctor

b. A teacher

c. An Engineer

d. An officer

Q.5 Who lived with Kamla's grandmother?

a. Kamla

b. Kamla's grandfather

c. Kamla's parents

d. All of these

Q.6 Why did Kamla came to India?

a. to spend her winter holidays.

b. to spend her summer holidays.

c. to take care of her grandmother.

d. to attend a marriage party.

Q.7 When did Kamla slip out of the back door to the fields?

a. early in the morning.

b. in the evening.

c. in the afternoon.

d. None of these.

Q.8 “ I’m the strongest boy in the village.” Who said these words?

a. Kamla’s brother

b. Romi’s brother

c. Romi

d. Tommy

Q.9 What was camel doing?

a. moving around a well

b. standing in the field

c. grazing in the field

d. sleeping

Q.10 ‘Don’t forget to come next year’ Who said these words to whom?

a. Romi said to Kamla

b. Kamla said to Romi

c. Grandmother said to Kamla

d. Romi said to grandmother.

CHAPTER – II THE LAST LEAF

Q.11 What was Johnsy’s illness?

a. She was suffering from pneumonia.

b. She was suffering from malaria.

c. She was suffering from cholera.

d. All the above.

Q.12 What did think when she saw at the ivy vine?

Q.13 Who painted a leaf on the wall?

Q.14 Who took care Johnsy during her illness?

Q.15 What was the profession of Johnsy and Sue?

Q.16 How did Behrman die?

Q.17 What was Behrman's masterpiece?

Q.18 What could cure Johnsy, the medicine or her will to live?

Q.19 Behrman died of _____.

- a. Cancer b. Heart attack c. Pneumonia d. Malaria

Q.20 "I hope to paint the Bay of Naples." Who said these words?

Q.21 'Tell me as soon as you have finished.' Who said these words to whom?

Q.22 What was Behrman's dream?

- a. to paint scenery b. to become a teacher
c. to become a doctor d. to paint a masterpiece

Q.23 Where did Behrman live?

- a. on the to floor b. on the second floor
c. on the ground floor d. in the jungle

Q.24 How old was Behrman?

a. He was past fifty

b. He was sixty years old.

c. He was past sixty

d. He was fifty five years old.

Q.25 Who used the ladder in this chapter?

CHAPTER – 3 HAUNTED

Q.26 Where was the haunted house?

Q.27 Who is the writer of the chapter “Haunted”?

Q.28 What kind of smell did come from the house?

Q.29 Who declared that she could no longer live in so haunted a place?

Q.30 What kind of sound came out from the house?

Q.31 Where did the strange man go to complain?

a. Pastor

b. Mayor

c. Ghosts

d. None

Q.32 “I hear music. Is someone having a party?” Who said these words to whom?

a. The strange man said to the Mayor.

b. The Mayor said to the strange man.

c. The strange man said to Pastor.

d. The Pastor said to the stranger.

Q.33 What attracted the neighbours?

a. The delicious smell.

b. The laughing and talking.

c. Both a and b

c. None of these.

Q.34 What was thinking of the villagers about the pastor?

a. He was a great man.

b. He was the head of the village.

c. He was considered a wise man

d. None of these

Q.35 The Pastor went to the haunted house because-

a. His wife asked him to go.

b. The Mayor asked him to go.

c. He wanted to help the man.

d. He wanted to enjoy the party.

Q.36 The man who bought the haunted house was angry with-

a. the ghosts

b. with the neighbours.

c. with the Mayor

d. He was angry at everyone.

GRAMMAR

Choose the correct article.

Q.37 He is _____ engineer and works in a factory.

a. A

b. An

c. The

d. X

Q.38 He met __ NCC officer and __ MLA.

a. A, An

b. An, An

c. The, A

d. X, A

Q.39 Anil is ___ tallest among all his friends.

- a. An b. The c. A d. X

Q.40 I saw _____ one eyed man and _ deaf man.

- a. an, a b. a, an c. a, x d. a, a

Q.41 _____ lunch given by Mr. Sharma was very delicious.

- a. An b. A c. X d. The

Q.42 Pick out the nouns from the following sentences and tell their kinds.

1. Democracy is a rule by the people, of the people and for the people.
2. Our team won the test series against Australia.
3. Childhood is the best period of human life.
4. Yesterday I saw a lion in the jungle.
5. Gold is a precious metal.

Q.43 Tell the types of the following sentences.

1. Never tell a lie.
2. Ram's father is a doctor.
3. Hurrah! we have won the match.
4. What a beautiful flower is this!
5. What are you doing?

6. Alas! His wife is no more.

7. Please help me.

Q.1 Why is polyester not suitable for summer wears?

- (a) Polyester crumples easily. (b) Polyester does not absorb sweat.
(c) It is very soft and thin (d) It does not dry easily.

Q.2 Polyester and wool fibres when mixed, make

- (a) polycot (b) terrywool (c) cots wool (d) polyester

Q.3 The first man-made fully synthetic fibre is

- (a) nylon (b) polyester (c) rayon (d) cotton

Q.4 The material used in making parachutes and ropes for rock climbing is

- (a) jute (b) nylon (c) coir (d) rayon

Q.5 The polymer used in making non - stick cookwares is

- (a) rayon (b) nylon (c) Teflon (d) polymers

Q.6 Toothpaste tubes are made of plastic because

- (a) it can hold more amount of toothpaste
(b) it can be coloured in different colours
(c) it is flexible and light
(d) it is biodegradable

Q.7 Which of the following substances can be used to make the insulation of wires?

- (a) Plastic (b) Rubber (c) Wood (d) Glass

Q.8 Which of the following is a natural polymer?

- (a) Cellulose (b) Teflon (c) Nylon (d) Terylene

Q.9 The strength of a material to withstand a weight without breaking is

- (a) tensile strength (b) flexibility (c) hardness (d) metallic strength

Q.10 Which of the following is a linear polymer?

- (a) Nylon (b) Bakelite (c) Melamine (d) Synthetic rubber

Q.11 Thermoplastics are

- (a) linear polymers
(b) polymers that soften or melt on heating
(c) molten polymers can be moulded in any shape
(d) all of the above.

Q.12 Thermosetting polymers are

- (a) cross linked polymers
(b) such that they do not melt on heating
(c) such that during heating it hardens irreversibly
(d) all of the above.

Q.13 A polymer which is commonly used as a packing material is

- (a) polythene (b) bakelite (c) PVC (d) polypropylene.

Q.14 PVC is used for making rain coats and seat covers because

- (a) it can be rolled into thin sheets like polythene
(b) it can be coated on a cloth base and is tougher than polythene
(c) it has low melting point and is unreactive
(d) it has high melting point and is very reactive.

Q.15 Which of the following is true?

- (a) Cellulose is made up of glucose units.
(b) Weaving and knitting are two processes to obtain plastics.
(c) Plastics get corroded easily.
(d) Plastics are not polymers.

Q.16 The plastic which can not be recycled is

- (a) jute (b) elastomer (c) petrochemicals (d) bakelite

Q.17 The plastics which do not remould again on heating are called

- (a) thermosetting plastics
- (b) thermoplastics
- (c) polyester plastics
- (d) polymer plastics

Q.18 What are the physical properties associated with plastic materials?

- (a) Poor conductors of heat, easily moulded and strong
- (b) Do not corrode, low density and shiny
- (c) Brittle, flexible and elastic
- (d) Strong, transparent, high melting point

Q.19 Cotton on burning gives the smell of burning paper because

- (a) cotton is obtained from plants
- (b) paper is also obtained from plants
- (c) both cotton and paper are obtained from plants
- (d) paper is obtained from hair of sheep

Q.20 When we burn wool why do we get the smell of burning of hair?

- (a) Wool is obtained from nylon
- (b) Wool is obtained from cotton plants.
- (c) Wool is obtained from jute plants.
- (d) Wool is obtained from hair of sheep.

Q.21 Which is a biodegradable substance?

- (a) Cotton cloth
- (b) Thermosetting plastic
- (c) Thermoplastic
- (d) PVC pipes

Q.22 Non - stick Teflon coated cookwares are generally recommended to heart patients because

- (a) non - stick cookwares do not absorb water
- (b) non - stick cookwares do not absorb oil
- (c) non - stick cookwares cook faster
- (d) non - stick cook wares are biodegradable.

Q.23 To Which of the following, 4R principle applies most?

- (a) Synthetic fibres (b) Natural fibres (c) Plastics (d) Wool

Q.24 Which is the strongest fibre amongst the following?

- (a) Rayon (b) Nylon (c) Acrylic (d) Cotton

Q.25 Which is an example of thermosetting polymer?

- (a) Polythene (b) PVC (c) Neoprene (d) Bakelite



**LORD
KRISHNA**

Affiliated to CBSE
**PUBLIC
SCHOOL**
Affiliation No. 530600

ASSIGNMENT

Class – 8th
Max Marks:20

Subject : SCIECNE
Time : 1 Hour

1. Watering the crops is called :
a. Sowing b. Monusing c. Tilling d. Irrigation
2. Spirogyra is
a. An algae b. a Fungi c. protozoa d. bacteria
3. Vaccine for small pox is discovered by
a. Louis Pasteur b. Alex Fleming c. Edward Jenner d. John Menial
4. Amount of Nitrogen in the atmosphere is
a. 58 % b. 68 % c. 78 % d. 88 %
5. Mushroom belong is to
a. Algae b. Virus c. Fungi d. None of these
6. Scientist who discovered fermentation is
a. Alexander Fleming b. Louis Pasteur c. John Mendal d. Edward Jenner
7. Amoeba belongs to
a. Algae b. fungi c. Protozoa d. Virus
8. Rhizobium bacteria
a. Help in digestion b. help in Nitrogen fixation c. cause diseases d. all of the above
9. Malaria is caused by
a. Protozoa b. Virus c. Algae d. Bacteria
10. Micro Organism are
a. Unicellular b. Multi cellular c. both d. none of these
11. Name the groups in which microorganism are broadly classified.
12. Name the type of micro organism that is smaller then bacteria.
13. Write the name of a bacterium that help in the formation of curd.
14. Write a use of yeast.
15. What does yeast produce alluring respiration?
16. What are pathogens? Write another name of pathogens.
17. Defind food preservation.
18. Write the name of any two antibiotics.
19. Who discovered the vaccine for small pox.
20. What is fermentation.
21. Define refrigeration.
22. What is vaccine?
23. Name any two diseases caused by viruses.
24. Name any three common plant diseases.
25. Name a micro-organism which help in nitrogen fixation.
26. Name a disease caused by food poisoning.
27. What is the difference refrigeration and freezing.
28. What is decomposition?
29. Name the two microbes that are involved in the process of decomposition.
30. Name the first antibiotic discovered.

Assignment – 2

1. Name some common metals.
2. Name some common non-metals.
3. Give example of metalloids.
4. Name the property due to which metal shine.
5. Name two metal which are soft enough to be cut.
6. Name the property due to which metal can be beaten into thin sheet is.
7. Which non metal does conduct heat & Electricity?
8. Name the property due to which metal can be drawn into wire.
9. Name the metal and non metal which occur in liquid state.
10. Due to which property a bell rings?
11. Generally non – metals are non lustrous. Name one non lustrous.
12. State the property of non metals due to which phosphorus is kept in water.
13. Why some metals displace other metals from their solution?
14. Which metal is used for wrapping food items?
15. Which metal is more reactive. Iron or Zinc?
16. Which metal is less reactive. Copper or Zinc?
17. Name one metal which does not react with dilute Hydrochloric acid.
18. Whose oxides are basic in nature. Metal or Non Metal?
19. Name two metals which do not react with Oxygen even at high temperature.
20. Name two physical properties of metals.
21. What happen when metals react with oxygen?
22. What happen when magnesium is burnt in air.
23. What happen when metals react with water?
24. Why aluminum is used for wrapping of food items?
25. Why metals are used in ringing bells?
26. What are the difference between metals and non – metals?
27. What happen when a copper vessel is exposed to moist air for long? Also write the equation.
28. What happens when a magnesium ribbon is heated in presence of air?
29. How do metal and non metals react with water?
30. With the help of equations, explain the reaction of non metals with oxygen.



LORD KRISHNA

Affiliated to CBSE
PUBLIC SCHOOL
Affiliation No. 530600

Class – 8th (Home Work)

Subject : Hindi

1. भारत के नीचे कौन-सा महासागर है? विश्व में कितने महासागर हैं?
2. विश्व का सबसे ऊँचा पर्वत कौन है?
3. सोहनलाल द्रविदेदी जी की अन्य कविताओं का संकलन तैयार कीजिए।
4. 'मातृभूमि' कविता में कई महापुरुषों का नामोल्लेख हुआ है। इनके जन्म – स्थान का नाम ज्ञात कीजिए। साथ ही पता कीजिए कि वर्तमान में ये किस राज्य में स्थित हैं?
5. सेहनलाल द्रविदेदी का जीवन परिचय लिखिए।
6. 'मातृभूमि' कविता के कवि का क्या नाम है?
7. 'अमराइयाँ' शब्द का क्या अर्थ है?
8. गीता का उपदेश कौन-से स्थान पर दिया गया?
9. डॉ० राजेन्द्र प्रसाद का लोकप्रिय नाम उपनाम 'देशरत्न' था। बाल गंगाधर तिलक का उपनाम 'लोकमान्य'। अपने मित्रों के साथ मिलकर भारत के प्रमुख स्वाधीनता सेनानियों के उपनामों की सूची तैयार कीजिए।
10. डॉ० राजेन्द्र प्रसाद से लेकर अबतक के सभी राष्ट्रपतियों का नेट से चित्र निकालकर अपनी परियोजना-पुस्तिका में चिपकाइए और उनका संक्षिप्त जीवन-परिचय लिखिए।
11. महादेवी वर्मा की प्रमुख कृतियाँ लिखिए।
12. महादेवी वर्मा का जीवन-परिचय लिखिए।
13. महादेवी वर्मा को राजेन्द्र बाबू के निकट संपर्क में आने का अवसर कब मिला?
14. राजेन्द्र बाबू की कितनी पौत्रियाँ थीं?
15. राजेन्द्र बाबू ने महिला विद्यापीठ भवन का शिलान्यास कहाँ किया।

व्याकरण

1. ऑनलाइन और ऑफलाइन पढ़ाई में अंतर स्पष्ट कीजिए। ऑनलाइन पढ़ाई के दौरान आपके टीचर्स और फोन की क्या भूमिका रही स्पष्ट कीजिए।
2. आपका पसंदीदा भोजन/ पकवान क्या है? यह पकवान आपको क्यों पसंद है? साथ ही उसको बनाने की पूरी विधि परिवार में चर्चा करके लिखिए।
3. देवनागरी लिपि का विकास किस प्राचीन लिपि से हुआ?
4. भाषा के चार कौशल कौन-से माने गए हैं?
5. दिए गए साहित्य उचित कॉलम –
(गीत, कहानी, दोहा, चौपाई, उपन्यास, पत्र, छंद, जीवनी, संस्मरण, कविता)
गद्य साहित्य
पद्य साहित्य
6. वर्ण –विच्छेद कीजिए – क) सम्मान ख) कृप्या ग) त्रिशुल
7. 'र' के विभिन्न रूपों का प्रयोग करते हुए तीन-तीन शब्द लिखो।
8. द्वित्व व्यंजन किसे कहते हैं? उदाहरण भी लिखो।
9. अंतःस्थ व्यंजन कौन-से हैं?
10. भारतीय संविधान में मान्यता प्राप्त भाषाओं के नाम लिखिए।
11. हिन्दी भाषा के कुछ महत्वपूर्ण तथ्य लिखिए।
12. हिन्दी की प्रमुख उपभाषाएं लिखो।
13. वर्णों का उच्चारण मुख के जिस भाग से किया जाता है, उसके नाम लिखें।

14. अल्पप्राण और महाप्राण में अंतर स्पष्ट कीजिए।
15. वाक्यांशों के लिए वर्ग-पहेली से एक शब्द चुनकर लिखें।
- क) दूसरों का उपकार करने वाला।
 - ख) जिसका अंत न हो।
 - ग) पुराणों से संबंध रखने वाला।
 - घ) जो प्रति सप्ताह होता हो।
 - ड) जिसकी कीमत न आंकी जा सके।
 - च) जो शाक-सब्जी खाता हो।
 - छ) शास्त्रों का ज्ञाता।
 - ज) बड़ा भाई।
 - झ) जो सब जगह हो।

अ	नं	त	सा	अ	ग्र	ज
मू	पा	शा	पौ	प	द	स
ल्य	श	स्त्र	रा	रो	क्य	र्व
कृ	त	ज्ञ	णि	प	प्र	व्या
सा	प्ता	हि	क	का	ति	प
त	शा	का	हा	री	स	क

class 8

subject – maths

Chapter – 1 (Rational numbers) Assignment – 1

Q.1 Using appropriate properties , find –

1. $-\frac{2}{3} \times \frac{3}{5} + \frac{5}{2} - \frac{3}{5} \times \frac{1}{6}$

2. $\frac{2}{5} \times \left(-\frac{3}{7}\right) - \frac{1}{6} \times \frac{3}{2} + \frac{1}{14} \times \frac{2}{5}$

Q.2 Write the additive inverse of each of the following-

1. $\frac{2}{8}$

2. $-\frac{5}{9}$

3. $\frac{-6}{-5}$

4. $\frac{2}{-9}$

5. $\frac{19}{-6}$

Q.3 Verify that $-(-x) = x$ for

1. $x = \frac{11}{15}$

2. $x = -\frac{13}{17}$

Q.4 Find the multiplicative inverse of the following-

1. -13

2. $-\frac{13}{19}$

3. $-\frac{5}{8} \times -\frac{3}{7}$

4. $-1 \times \frac{-2}{5}$

5. -1

Q.5 Multiply $\frac{6}{13}$ by the reciprocal of $\frac{-7}{16}$.

Q.6 Is $\frac{8}{9}$ the multiplicative inverse of $-1\frac{1}{8}$? Why or why not?

Q.7 Represent these numbers on the number line :-

1. $\frac{7}{4}$

2. $\frac{-5}{6}$

Q.8 Write five rational numbers which are smaller than 2.

Q.9 Find ten rational numbers between $-\frac{2}{5}$ and $\frac{1}{2}$.

Q.10 Write five rational numbers greater than -2.

NTSE BASED QUESTIONS

Q.1 The sum of the additive inverse and multiplicative inverse of 2 is-

- a. $\frac{3}{2}$ b. $-\frac{3}{2}$ c. $\frac{1}{2}$ d. $-\frac{1}{2}$

Q.2 Additive inverse of $\frac{3}{-4}$ is –

- a. $\frac{3}{4}$ b. $\frac{1}{4}$ c. 3 d. 0

Q.3 The standard form of $\frac{192}{-168}$ is :-

- a. $\frac{-2}{3}$ b. $\frac{-8}{7}$ c. $\frac{-1}{7}$ d. $\frac{-6}{7}$

Q.4 The number which is subtracted from $\frac{7}{13}$ to get $\frac{-3}{7}$ is :-

- a. $\frac{88}{91}$ b. $\frac{1}{91}$ c. $\frac{20}{91}$ d. $\frac{98}{91}$

Q.5 The additive inverse of $\frac{-a}{b}$ is :-

- a. $\frac{a}{b}$ b. $\frac{b}{a}$ c. $\frac{-b}{a}$ d. $\frac{-a}{b}$

Q.6 Standard form of $\frac{-24}{36}$ is a rational number with denominator.

- a. 3 b. 4 c. 12 d. 2

Q.7 Which of the following statement is false?

- a. Every fraction is a rational number.
- b. Every rational number is a fraction.
- c. Every integer is a rational number.
- d. All of these.

Q.8 A rational number between $\frac{1}{4}$ and $\frac{1}{3}$ is :-

- a. $\frac{7}{24}$ b. 0.29 c. $\frac{13}{48}$ d. all of these

Q.9 The value of x for which the two rational numbers $\frac{3}{7}$ and $\frac{x}{42}$ are equivalent:-

- a. 18 b. 15 c. 12 d. 10

Q.10 Multiplicative inverse of 0 is :-

- a. -1 b. 0 c. does not exist d. 1

Q.11 0.75 when represented as rational number is:-

- a. $\frac{75}{99}$ b. $\frac{75}{90}$ c. $\frac{3}{4}$ d. $\frac{5}{4}$

Q.12 The value of expression $\frac{2}{3} + \frac{5}{11} + \frac{-1}{3} + \frac{-3}{11}$ is equal to :-

- a. $\frac{1}{33}$ b. $\frac{2}{33}$ c. $\frac{10}{33}$ d. $\frac{17}{33}$

Q.13 Which of the following illustrates the inverse property of addition?

- a. $3 + (-3) = 0$ b. $3 - (-3) = 0$
c. $3 + 0 = 3$ d. $3 - 0 = 3$

Q.14 The difference between the largest and the smallest of the rationals

$\frac{5}{8}, \frac{7}{12}, \frac{1}{3}, \frac{2}{5}$ is :-

- a. $\frac{1}{4}$ b. $\frac{-5}{24}$ c. $\frac{7}{24}$ d. $\frac{13}{21}$

Q.15 What number should be added to $\frac{7}{12}$ to get $\frac{4}{15}$?

- a. $\frac{-19}{60}$ b. $\frac{-11}{30}$ c. $\frac{51}{60}$ d. $\frac{1}{20}$

Q.16 Which of the following rational numbers is the smallest?

$\frac{-5}{16}, \frac{-3}{4}, \frac{-13}{24}$ and $\frac{7}{-12}$

- a. $\frac{-5}{16}$ b. $\frac{-3}{4}$ c. $\frac{-13}{24}$ d. $\frac{-7}{12}$

Q.17 What number should be subtracted from $\frac{-3}{5}$ to get -2 ?

- a. $\frac{-7}{5}$ b. $\frac{-13}{5}$ c. $\frac{13}{5}$ d. $\frac{7}{5}$

Q.18 Name the law of multiplication illustrated by the statement,

$$\frac{-15}{8} \times \frac{-12}{7} = \frac{-12}{7} \times \frac{-15}{8}$$

- a. Associative law b. Closure law
c. Commutative law d. None of these

Q.19 Which of the following rational numbers is in its standard form?

- a. $\frac{-12}{26}$ b. $\frac{-49}{91}$ c. $\frac{-90}{16}$ d. $\frac{-4}{15}$

Q.20 Multiply $\frac{7}{8}$ by the reciprocal of $\frac{-23}{85}$

- a. $\frac{-161}{184}$ b. $-3\frac{43}{184}$ c. $\frac{-39}{56}$ d. $\frac{-161}{580}$

Q.21 $\frac{-1}{4}$ is a rational number between :-

- a. 0 and $\frac{1}{4}$ b. -1 and 0 c. 1 and 2 d. -2 and -1

Q.22 A rational number equivalent to $\frac{-7}{-4}$ is:-

- a. $\frac{-42}{24}$ b. $\frac{-49}{28}$ c. $\frac{35}{20}$ d. none of these

Q.23 The area of a rectangle is $45\frac{5}{16} \text{ cm}^2$. If its length is $7\frac{1}{4} \text{ cm}$, then find its breadth.

- a. $6\frac{1}{4} \text{ cm}$ b. $4\frac{1}{6} \text{ cm}$ c. $328\frac{33}{64} \text{ cm}$ d. $38\frac{1}{6} \text{ cm}$

Q.24 The sum of the additive inverse and multiplicative inverse of 5 is :-

- a. $\frac{24}{5}$ b. $-\frac{24}{5}$ c. $\frac{21}{5}$ d. $-\frac{21}{5}$

Q.25 Divide the sum of $\frac{4}{5}$ and $\frac{9}{15}$ by their difference.

- a. 9 b. 7 c. 8 d. 6



LORD KRISHNA

Affiliated to CBSE
PUBLIC SCHOOL
Affiliation No. 530600

Class – 8th (Assignment)

Subject : S.St

Choose the correct option –

1. Who created the first map of India?
a. The Nawabs b. Dalhouse c. James Mill d. None of the above
2. Where did the blue rebellion take place –
a. Bihar b. Bengal c. Rajasthan d. Delhi
3. When was permanent settlement introduced in India?
a. 1756 b. 1796 c. 1732 d. 1793
4. Who introduced permanent settlement in Bengal?
a. Lord Dalhouse b. Lord Wellsely c. Lord William d. Lord Cornwallis
5. When was Battle of Plassey fought
a. 1723 b. 1796 c. 1757 d. 1745
6. Who was the last powerful emperor of the Mughal.
a. Akbar b. Jahangir c. Shahjahan d. Aurangzeh
7. Constitution puts a limit on.
a. Misuse of power b. Violation c. both of these d. None of these
8. The lowest level of governance is.
a. Centre b. State c. Village d. None of these
9. Who was Hyder Ali
a. Ruler of Bengal b. Ruler of Delhi c. Ruler of Lucknow d. Ruler of Mysore
10. Past in history is referred as –
a. After b. Before c. Present d. None of these
11. Why is it important to have dates or time framer while writing history.
12. Why did practice of survey become important under the British.
13. Describe the doctrine of Lapes.
14. What were the cause of the rise of the British in India.
15. Write “The Fundamental Duties” in the Indian Constitution.
16. What is malate by colnisation? Answer in detail.
17. How did the British preserve the reports and documents.
18. Who was Mir Qasim? What was his role in the Battle of Buxar (1764).
19. Describe the policy of paramountcy.
20. Constitution guarantees fundamental lights.
21. Why is constitution important in a democracy?
22. List the fundamental duties to be followed by India.
23. What is secularism?
24. How is secularism practiced in India.
25. Why should religion be separated from state.
26. Indian secularism is different from US secularism.
27. What do you understand by separation of power of the government.
28. What is a constitution?
29. Why do we need a constitution?
30. What is separation of powers.

Ques:1:- Name the biggest Island.

Ans:- _____

Ques:2:- Name the largest country.

Ans:- _____

Ques:3:- Which mammal keep their young ones in a pouch?

Ans:- _____

Ques:4:- Who won the Golden boot at the 2006 FIFA world cup?

Ane:- _____

Ques:5: Who proved that blood is circulated through the body and that the heart is responsible for this circulation?

Ans:- _____

Ques:6:- What was the memory storage capacity of the first hard drive?

Ans:- _____

Ques:7:- What do the letters MM stand for in the abbreviation MMS?

Ans:- _____

Ques:8:- Who played the role of legolas in the film trilogy Lord of the rings?

* Ans:- _____

Ans:- _____

Ques:10: which animal survive on dead animals and plant material?

Ans:- _____

Ques:11:- Which is the Highest waterfall?

Ans:- _____

Ques:12:- Which bird has the longest wingspan?

Ans:- _____

Ques:13:- Who won the Nobel Peace Prize in 2012?

Ans:- _____

Ques:14:- What is the full form of DNA?

Ans:- _____

Ques:15:- What metal is used in Sim card?

Ans:- _____