Kailash Vidya Vihar: Nimbahera

(ISO 9001 : 2015)

Summer Vacation Assignments : 2019-20

Class VII **Subject: Mathematics**

EXERCISE 01

SECTION -A (FIXED RESPONSE TYPE)

MULTIPLE CHOICE QUESTIONS :

1. The sum of which of the following is the smallest?
(A) 923 + 456 (B) 701 + 632 (C) 602 + 788 (D) 513 + 998

2. 1384 + 5580 + 47218
(A) 54182 (B) 54178 (C) 51184 (D) 51178

3. Harshita earns Rs 3500. If she spent Rs 1249 on buying earphones ,what is the balance of her salary?
(A) Rs 2751 (B) Rs 2251 (C) Rs 2151 (D) Rs 2059

4. Sandhya bought 19 boxes of sweets. Each box contains 228 sweets. How many sweets would be left with her after giving 519 sweets to friends?
(A) 766 (B) 3813 (C) 4332 (D) 4851

5. Riddhima saves Rs. 46.3 everyday. Find the minimum number of days for which she needs to save to get her savings as a whole number.
(A) 10 (B) 20 (C) 5 (D)15

6. For any integer x what is true :
(A) x / 0 is not defined
(B) x / 1 = a (where x ≠ a)
(C) option (A) and (B) both are wrong
(D) option (A) and (B) both are right

7. Which of the following integer has the greatest value?
(A) – 11 (B) – 89 (C) –8 (D) – 6

8. Evaluate : $|5-3|-|5-8|+|13-67|$
(A) 53 (B) 33 (C) 43 (D) 67

9. Simplify : $|2|+|-12|-|-2|+|-101|-|-101|$
(A) 24 (B) 12 (C) 0 (D) 22

10. Find predecessor of successor of – 110
(A) – 111 (B) – 108 (C) – 112 (D)– 110

11. The additive inverse of – 6 is :
(A) 6 (B) 0 (C) – 5 (D) – 7

12. On subtracting (– 6) from 0, we get :
(A) – 6 (B) 6 (C) 7 (C) None of these

13. By how much does – 3 exceed – 5 ?
(A) – 2 (B) 2 (C) 8 (D) – 8

5. If A and B represent two integers other than zero, then $|A| + |B| - |B| - |A|$
(A) may be negative (B) may be positive
(C) may be 0 (D) must be 0

6. If the sum of five consecutive positive integers is A, then the sum of the next five consecutive integers in terms of A is :
(A) A +1 (B) A+ 5 (C) A + 25 (D) 2A

7. If x is an even positive integer and y is an odd positive integer, then which of the following statements is true ?
(A) (x – 1) y is even (B) x (y – 1) is odd
(C) (x – 1) (y – 1) is odd (D) x(y – 1) is even

8. Height of a place A is 1800 m above sea level. Another place B is 700 m below sea level. What is the difference between the levels of these two places ?
(A) 2400 m (B) 2500 m (C) 1100 m (D) 1000 m

9. $(-1)^{234} \times (-5)^{546} \times (-2)^{786}$ results in a
(A) negative integer (B) positive integer
(C) zero (D) none of these

10. Kanhaiya multiplied two numbers and got – 4 as the product. He then subtracted the second number from the first and got the answer as 5 . The two numbers are
(A) 2 , – 3 (B)1 , – 4 (C) – 21 , 4 (D) 5 , –1

11. If p : when a positive integer and a negative integer are added we always get a negative integer and q : when two negative integers are added , we get a positive integer , then
(A) Both p and q are true (B) p is true and q is false
(C) p is false and q is true (D) both p and q are false

12. Ashish had Rs 20 with him. He spent Rs 8 on Monday , got Rs 5 as pocket money on Tuesday, gave Rs. 7 loan to a friend on Wednesday , ate an ice cream worth Rs 10 on Thursday, received a reward of Rs 5 from his grandfather on Friday. How ,much does he have on Sunday, if his friend repays the loan on Saturday?
(A) Rs 12 (B) Rs 13 (C) Rs 14 (D) Rs 9

13. The product of three integers are –600 . If two of them are –15 and 10 , the third integer is:
(A) 4 (B) 5 (C) 6 (D) 9

14. A submarine left the surface of the water at the rate of – 2 metre per second . At that rate , how long would it take the submarine to reach –60 metres level.
(A) 30 sec (B) 20 sec (C) 50 sec (D) 80 sec

15. A insect crawls up 5 cm every second on a 60 cm vertical rod and then falls down 2 cm over the next second. How many seconds will it take to climb the rod.
(A) 20 seconds (B) 39 seconds (C) 60 seconds (D) 30 seconds

16. $||22| - |-22|| \div |-10| - 32|$ equals
(A) 2 (B) –2 (C) 0 (D) –4

17. Evaluate : $\frac{8-[5-(-3+2)]\div 2}{|5-3|-|5-8|\div 3}$
(A) 2 (B) 3 (C) 4 (D) 5

EXERCISE » 02

SECTION -A (COMPETITIVE EXAMINATION QUESTION)

MULTIPLE CHOICE QUESTIONS

1._ The difference between the largest 5-digit number and the largest 5-digit number with three distinct digits is

(A) 10 (B) 10012 (C) 12 (D) 123

2._ Re-arrange the digits of 1,02,35,007 to get the largest and the smallest number. The difference between the place values of 2 in these two numbers is

(A) 0 (B) 8,000 (D) 20,000 (D) 18,000

3._ Suppose n is an integer such that the sum of the digits of n is 2 and its range is $10^4 < n < 10^5$. The number of different values for n is

(A) 5 (B) 4 (C) 3 (D) 2

4. If a and b are integers , then a ÷ b

(A) may or may not be integer (B) always an integer

(C) never be an integer (D) none of these

PTO

EXERCISE » 01

SECTION -A (FIXED RESPONSE TYPE)

MULTIPLE CHOICE QUESTIONS :

1_. Which of the following is a vulgar fraction?

(A) $\frac{5}{7}$ (B) $\frac{7}{10}$ (C) $\frac{3}{100}$ (D) none of these

2_. Which of the following is a reducible fraction?

(A) $\frac{46}{63}$ (B) $\frac{104}{121}$ (C) $\frac{78}{21}$ (D) $\frac{105}{112}$

3. Which of the following is the smallest : $\frac{14}{25}, \frac{57}{100}, \frac{49}{86}, \frac{3}{5}$.

(A) $\frac{14}{25}$ (B) $\frac{57}{100}$ (C) $\frac{49}{86}$ (D) $\frac{3}{5}$

4. Which parts contain the fractions in ascending order ?

(A) $\frac{11}{14}, \frac{16}{19}, \frac{19}{21}$ (B) $\frac{16}{19}, \frac{11}{14}, \frac{19}{21}$ (C) $\frac{11}{14}, \frac{19}{21}, \frac{16}{19}$ (D) $\frac{16}{19}, \frac{19}{21}, \frac{11}{14}$

5. Descending order of fractions , $\frac{1}{5}, \frac{3}{7}, \frac{7}{10}, \frac{13}{28}$.

(A) $\frac{13}{28} > \frac{7}{10} > \frac{3}{7} > \frac{1}{5}$ (B) $\frac{13}{8} < \frac{7}{10} < \frac{3}{7} < \frac{1}{5}$

(C) $\frac{7}{10} > \frac{13}{28} > \frac{3}{7} > \frac{1}{5}$ (D) None of these

6. Find the value. $4\frac{5}{6} - 2\frac{3}{8} + 3\frac{7}{12}$

(A) $\frac{145}{24}$ (B) $\frac{145}{12}$ (C) $\frac{92}{21}$ (D) $\frac{145}{4}$

7. By what number should $2\frac{3}{5}$ be multiplied to get $1\frac{6}{7}$?

(A) $1\frac{5}{7}$ (B) $\frac{5}{7}$ (C) $1\frac{1}{7}$ (D) $\frac{1}{7}$

8. By what number should $1\frac{1}{2}$ be divided to get $\frac{2}{3}$?

(A) $2\frac{2}{3}$ (B) $1\frac{2}{3}$ (C) $\frac{4}{9}$ (D) $2\frac{1}{4}$

22. $\frac{44.456}{0.25}$ can also be expressed as :

(A) $\frac{444.56}{25}$ (B) $\frac{4445.6}{25}$ (C) $\frac{44456}{25}$ (D) None of these

23. $2.08 \div (0.16) = ?$

(A) 13 (B) 0.13 (C) 1.3 (D) None of these

24. $[7.2 \div 0.8 - 1.2 \times 0.9 + 0.08]$ is equal to :

(A) 8 (B) 10 (C) 13 (D) 14

25. $0.64 \times 0.64 + 0.64 \times 0.72 + 0.36 \times 0.36 = ...$

(A) 0.5392 (B) 0.9682 (C) 1 (D) 0.8962

9. $\frac{1}{2} + \frac{3}{4} \times \frac{5}{6} \div \frac{5}{7} =$

(A) $\frac{11}{8}$ (B) $\frac{8}{11}$ (C) $\frac{7}{9}$ (D) $\frac{11}{10}$

10. $\left[\frac{9}{4} \times \frac{3}{5} \div \frac{12}{5} + \frac{7}{8} \div \frac{5}{4} + \frac{3}{5}\right]$ is equal to :

(A) $1\frac{69}{80}$ (B) $1\frac{41}{80}$ (C) $2\frac{2}{9}$ (D) $20\frac{7}{9}$

11. Due to virus problems, Bill Gates computer changes one fraction into another in a particular pattern. It changes $\frac{1}{3}$ into $\frac{7}{3}$, $\frac{1}{7}$ into 1 and $\frac{2}{5}$ into $\frac{14}{5}$. What fraction will the computer change into $\frac{3}{2}$?

(A) $\frac{1}{3}$ (B) $\frac{3}{14}$ (C) $\frac{3}{2}$ (D) $\frac{3}{98}$

12. What value of 'P' makes the statement '$P + 3\frac{5}{2} = P$' true ?

(A) $\frac{17}{5}$ (B) $3\frac{5}{2}$ (C) 0 (D) 1

13. How many one sixth are there in $3\frac{1}{3}$?

(A) 20 (B) 19 (C) 10 (D) 5

14. Which of the following is a true statement ?

(A) $1.14 > 1.2$ (B) $1.143 > 1.15$ (C) $1.14 < 1.2$ (D) $1.14 < 1.040$

15. Convert 0.45 & 0.0075 decimal numbers into the form p/q. They are respectively :

(A) $\frac{9}{20}, \frac{3}{400}$ (B) $\frac{3}{400}, \frac{3}{20}$ (C) $\frac{3}{20}, \frac{9}{20}$ (D) $\frac{9}{400}, \frac{3}{20}$

16. $.06 = ?$

(A) $\frac{3}{5}$ (B) $\frac{3}{50}$ (C) $\frac{3}{500}$ (D) None of these

17. $1.04 = ?$

(A) $1\frac{1}{5}$ (B) $1\frac{2}{5}$ (C) $1\frac{1}{25}$ (D) None of these

18. What should be added to 3.07 to get 3.5 ?

(A) 0.57 (B) 0.34 (C) 0.43 (D) 0.02

19. What should be subtracted from 0.1 to get 0.03 ?

(A) 0.7 (B) .07 (C) .007 (D) None of these

20. $1.1 \times .1 \times 0.01 = ?$

(A) 0.011 (B) 0.0011 (C) 0.11 (D) None of these

21. $0.4 \times 0.4 \times 0.4 = ?$

(A) 6.4 (B) 0.64 (C) 0.064 (D) None of these

14. Subtract – 8 from – 3
(A) 5 (B) – 5 (C) 11 (D) – 11

15. Reciprocal of $\frac{1}{7}$ is :
(A) 7 (B) 1 (C) –7 (D) 1/7

16. For integers :
(A) Addition is associative (B) Addition is commutative
(C) Integer "0" is the identity under addition (D) All of the above

17. What must be subtracted from – 3 to get – 9 ?
(A) – 6 (B) 12 (C) 6 (D) – 12

18. The sum of two integers is 93. If one of them is – 59, the other one is :
(A) 34 (B) – 34 (C) 152 (D) – 152

19. The product of two integers is 12, if one integer is – 3 then the other one is :
(A) + 4 (B) – 4 (C) 3 (D) – 3

20. A hiker is descending 152 m every 8 minute. What will be hikers change in elevation in half an hour?
(A) –4560 m (B) –76 m (C) –570 m (D) –1216 m

21. $(-8) \div 0 = ?$
(A) – 8 (B) 0 (C) 8 (D) Not defined

22. Resolve the brackets and simplify: $(28 \div 2) \div (56 \div 8)$.
(A) 1 (B) 4 (C) 3 (D) 2

23. $(-48) \times (-1) \times (3) \times 0 \times (-4)$
(A) –576 (B) 576 (C) 0 (D) 1000

24. $-4 \times [5 + 6]$ is equal to :
(A) $-4 \times 5 + 6$ (B) $-4 \times 5 + 4 \times 6$ (C) $-4 \times 5 - 4 \times 6$ (D) $5 - 4 \times 6$

25. $30 \times (-23) + 30 \times 14 = ?$
(A) – 270 (B) 270 (C) 1110 (D) – 1110

26. Which of the following expression is not equal to -20
(A) -4×5 (B) $-32 + 10 - (-2)$
(C) $-6 \times 2 - [-2 \times -4]$ (D) $5 \times (-2) + (-3) \times 4$

27. $(-9) + 4\ (6 - \overline{8 + 4})$.
(A) –15 (B) –33 (C) 10 (D) 33

9. $\frac{1}{2} + \frac{3}{4} \times \frac{5}{6} \div \frac{5}{7} =$

(A) $\frac{11}{8}$ (B) $\frac{8}{11}$ (C) $\frac{7}{9}$ (D) $\frac{11}{10}$

10. $\left[\frac{9}{4} \times \frac{3}{5} \div \frac{12}{5} + \frac{7}{8} \div \frac{5}{4} + \frac{3}{5}\right]$ is equal to :

(A) $1\frac{69}{80}$ (B) $1\frac{41}{80}$ (C) $2\frac{2}{9}$ (D) $20\frac{7}{9}$

11. Due to virus problems, Bill Gates computer changes one fraction into another in a particular pattern. It changes $\frac{1}{3}$ into $\frac{7}{3}$, $\frac{1}{7}$ into 1 and $\frac{2}{5}$ into $\frac{14}{5}$. What fraction will the computer change into $\frac{3}{2}$?

(A) $\frac{1}{3}$ (B) $\frac{3}{14}$ (C) $\frac{3}{2}$ (D) $\frac{3}{98}$

12. What value of 'P' makes the statement 'P + $3\frac{5}{2}$ = P' true ?

(A) $\frac{17}{5}$ (B) $3\frac{5}{2}$ (C) 0 (D) 1

13. How many one sixth are there in $3\frac{1}{3}$?

(A) 20 (B) 19 (C) 10 (D) 5

14. Which of the following is a true statement ?

(A) 1.14 > 1.2 (B) 1.143 > 1.15 (C) 1.14 < 1.2 (D) 1.14 < 1.040

15. Convert 0.45 & 0.0075 decimal numbers into the form p/q. They are respectively :

(A) $\frac{9}{20}, \frac{3}{400}$ (B) $\frac{3}{400}, \frac{3}{20}$ (C) $\frac{3}{20}, \frac{9}{20}$ (D) $\frac{9}{400}, \frac{3}{20}$

16. .06 = ?

(A) $\frac{3}{5}$ (B) $\frac{3}{50}$ (C) $\frac{3}{500}$ (D) None of these

17. 1.04 = ?

(A) $1\frac{1}{5}$ (B) $1\frac{2}{5}$ (C) $1\frac{1}{25}$ (D) None of these

18. What should be added to 3.07 to get 3.5 ?

(A) 0.57 (B) 0.34 (C) 0.43 (D) 0.02

19. What should be subtracted from 0.1 to get 0.03 ?

(A) 0.7 (B) .07 (C) .007 (D) None of these

20. 1.1 × .1 × 0.01 = ?

(A) 0.011 (B) 0.0011 (C) 0.11 (D) None of these

21. 0.4 × 0.4 × 0.4 = ?

(A) 6.4 (B) 0.64 (C) 0.064 (D) None of these

EXERCISE » 02

SECTION -A (COMPETITIVE EXAMINATION QUESTION)

MULTIPLE CHOICE QUESTIONS

1. Mohit needs to work 45 hours per week . He has worked $38\frac{7}{9}$ hours so far this week . How many does he need to work on friday to meet 45 hours requirement?

(A) 7 hours (B) $6\frac{2}{9}$ hours (C) $6\frac{1}{9}$ hours (D) $6\frac{7}{9}$ hours

2. How much more is $\frac{1}{2}$ of $\frac{2}{3}$ than $\frac{3}{4}$ of $\frac{1}{3}$?

(A) $\frac{1}{4}$ (B) $\frac{1}{3}$ (C) $\frac{1}{12}$ (D) $\frac{7}{12}$

3. Archna wants to frame a picture . The picture is $4\frac{3}{5}$ cm wide. To fit the picture in the fame , it should not be more than $4\frac{1}{2}$ cm wide. How much the picture should be trimmed ?

(A) $\frac{1}{10}$ (B) $\frac{3}{10}$ (C) $\frac{7}{10}$ (D) $\frac{9}{10}$

4. Simplify $3\frac{1}{4} + \frac{1}{2} \div \frac{3}{4} - \frac{1}{2} \times 3\frac{1}{2}$

(A) $\frac{13}{6}$ (B) $\frac{31}{6}$ (C) $\frac{21}{5}$ (D) $\frac{31}{5}$

5. Find the average of 0.3 , 3 , 0.03 and 0.002 is

(A) 0.833 (B) 0.803 (C) 83.3 (D) 833

6. $\frac{3.6 \times 0.48 \times 2.50}{0.12 \times 0.09 \times 0.5}$ is equal to

(A) 80 (B) 800 (C) 8000 (D) 80,000

7. A party of 20 people went to a restaurant . They ordered a meal of Rs 36.60 each , but 5 of them had forgotten to bring money. In order to settle the bill , how much more did the other 15 people have to pay?
(A) 181 (B) 182 (C) 183 (D) 184

8. When simplified the product $\left(2-\frac{1}{3}\right)\left(2-\frac{3}{5}\right)\left(2-\frac{5}{7}\right)\left(2-\frac{17}{19}\right)$
(A) $\frac{21}{9}$ (B) $\frac{23}{3}$ (C) $\frac{19}{17}$ (D) None

9. $\frac{3}{4}\left(1+\frac{1}{3}\right)\left(1+\frac{2}{3}\right)\left(1-\frac{2}{5}\right)\left(1+\frac{6}{7}\right)\left(1-\frac{12}{13}\right)$ is equal to
(A) $\frac{1}{5}$ (B) $\frac{1}{6}$ (C) $\frac{1}{7}$ (D) $\frac{1}{9}$

10. An auditorium has 636 students There are 20 rows each fulfilled except the last row. Find the fraction of students in the last row to the number of students in each row.
(A) 31.8 (B) 3.18 (C) 0.318 (D) 318

11. Out of 48 students, $\frac{1}{3}^{rd}$ play cricket and basketball; $\frac{1}{4}^{th}$ play cricket and football; $\frac{1}{6}^{th}$ play football and basketball. No student play only basketball. Number of students playing only cricket is double of students playing only football. Find fraction of students playing cricket.
(A) $\frac{3}{4}$ (B) $\frac{1}{4}$ (C) $\frac{4}{3}$ (D) $\frac{1}{3}$

12. A tailor stitched $\frac{1}{9}^{th}$ of the cloth on first day, $\frac{5}{8}$ of remaining on the second day. He is still left with 1m cloth . Find the total length of cloth.
(A) 1 m (B) 2 m (C) 3 m (D) $\frac{1}{3}$ m.

13. Of the 2700 employees of company X, $\frac{1}{3}^{rd}$ belong to academic sector and $\frac{1}{12}^{th}$ of non-academic sector are peons. Find the total fraction of remaining non-academic employees.
(A) $\frac{11}{27}$ (B) $\frac{11}{18}$ (C) $\frac{27}{11}$ (D) $\frac{18}{11}$

14. If $x = \frac{1}{2}$, then find the value of $x + \frac{1}{1+\frac{1}{1+\frac{1}{x}}}$
(A) $\frac{5}{4}$ (B) $\frac{4}{5}$ (C) $\frac{3}{4}$ (D) $\frac{4}{3}$

SECTION -B (TECHIE STUFF)

15. The value of $0.53\overline{6}$ is :
(A) $\frac{536}{1000}$ (B) $\frac{536}{999}$ (C) $\frac{536}{990}$ (D) $\frac{161}{300}$

16. The value of $0.\overline{63} + 0.\overline{37}$ is :
(A) 1 (B) $\frac{100}{99}$ (C) $\frac{100}{90}$ (D) none of these

17. If u, v and w are the digits of decimal system

Class VII Subject: Science

PHYSICS

ACTIVITY 1. Explain with the help of an activity transfer of heat in solids.

ACTIVITY 2. Explain with the help of an activity method of convection.

ACTIVITY 3. Show with the help of an activity that sense of touch method is not always applicable to identify the hot or cold object.

ACTIVITY4. Take temperature of your hometown during 15 may 2019 to 5 June 2019. (with the help of newspaper, internet or TV news)

CHEMISTRY

Q.1 Explain the process of making wool from fibers.

Q.2 Name some breeds of sheep which are found in Rajasthan.

Q.3 how silk was discovered?

Q.4 Make a model of lifecycle of silk moth.

Q.5 Explain the process of getting silk fiber from the cocoon.

Class VII Subject: Hindi

- पत्र :
  1. विद्यालय के प्रधानाचार्य को आर्थिक सहायता या शुल्क मुक्ति के लिए प्रार्थना–पत्र लिखिए।
  2. अपने मित्र के परीक्षा में अनुत्तीर्ण होने पर सांत्वना पत्र लिखिए।
- निबंध :
  1. प्रदूषण की समस्या
  2. मेरा प्रिय खेल
- बाल महाभारतकथा :

  बाल महाभारतकथा पुस्तक के पाठ पढेंगे।
- वसन्त भाग 2 :

  पाठ 1, 2, 3 व 4 का दोहरान करेंगे।

Class VII Subject: Computer

Create a Chart on Variouse Layers of Computer and its interaction. PAGE No. 6, Figure No. 1.1

Class VII Subject: English

a) Utilise your leisure time in reading English newspaper.

b) Read chapter 1,2 and 3 of supplementary reader.

c) Write down their summary and find out the question and answers and hard words.

d) Do one page of writing daily so that you can improve your handwriting.

e) Enjoy and celebrate each moment of summer vacation with your parents, friends and relatives and when you return back share your experience with your teacher.

f) Revise April syllabus.

Class VII Subject: Social Science

(1)Project work on The role of Govt. in health
(2)Revision of chapter -1 (History ,Civics, Geography)