Brihan Mumbai Ganit Adhyapak Mandal, Mumbai

Date : 28-7-2018
Std. : V

Maths Concept Exam 2018

Time : 3 p m to 5 p m
Max. Marks : 100

Instructions :
1) Question paper and answersheet are separate.
2) Rough work is to be done in the space provided in each page of the question paper.
3) Do not fold the answersheet.
4) Colour the correct alternative with the ball-pen as follows.
For Example : How many days does the month of March have ?
    A) 30   B) 31   C) 29   D) 28
Correct answer is B; so B should be coloured as shown below.

A)   (B)   C)   D)

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1) Write the number 45607 in words.

A) Four lakh fifty six thousand seven
C) Four five six zero seven
B) Forty five thousand six hundred seven
D) Forty five thousand sixty seven

2) How many 4 digit odd numbers can be formed using the digits 1, 2, 3, 4 once only ?

A) Two   B) Four   C) Twelve   D) Eight

3) Form the number using given digits and places :
8 ten thousands, 3 units, 7 thousands, 5 hundreds, 2 tens

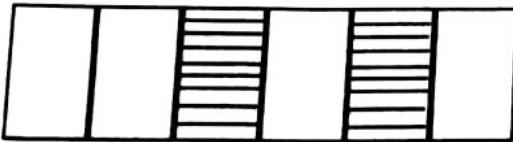A) 87523   B) 785323   C) 87235   D) 87532

4)   Write the shaded portion in fraction.

A) $\frac{2}{4}$ B) $\frac{4}{2}$ C) $\frac{2}{6}$ D) $\frac{4}{6}$

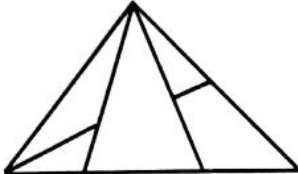5) Write using numerals : sixty eight thousand five hundred seventy nine.

A) 68859   B) 68579   C) 68589   D) 68079

(P.T.O.)

Rough work

6) $9000 - 1001 = \square$; then which number will be at $\square$?

A) 8999   B) 8009   C) 8099   D) 7999

7) Write the number 95077 in expanded form.

A) 90000 + 5000 + 70 + 7   B) 9000 + 5000 + 70 + 7

C) 9000 + 5000 + 700 + 7   D) 90000 + 5000 + 700 + 7

8) How many triangles are there in the given figure ?

A) 5   B) 9   C) 4   D) 6

9) Sum of two odd numbers is 70. Which can be the numbers ?

A) 10 and 60   B) 39 and 41   C) 29 and 41   D) 0 and 7

10) Write the place value of the underlined digit in the given number : $\underline{3}0508$

A) 3000   B) 300   C) 30000   D) 300000

11) 12336 + 5002 = ?

A) 17338   B) 62338   C) 62357   D) 62008

12) Which of the following is the smallest fraction ?

A) $\frac{1}{10}$ B) $\frac{1}{100}$ C) $\frac{1}{1000}$ D) $\frac{1}{10000}$

13) 84540 - 24899 = ?

A) 59649   B) 59641   C) 69439   D) 59651

14) Write in fraction - Fourteen plus three quarters

A) $14\frac{2}{4}$ B) $14\frac{3}{4}$ C) $14\frac{1}{4}$ D) $15\frac{3}{4}$

15) 447 x 59 = ?

A) 26376   B) 26273   C) 26373   D) 22373

Rough work

16) Write in descending order : 393, 772, 869, 470

A) 869, 772, 470, 393
C) 470, 393, 772, 869

B) 393, 470, 772, 869
D) 869, 772, 393, 470

17) $904 \div 4 = ?$

A) 201
B) 221
C) 251
D) 226

18) 24 days = How many weeks and days ?

A) 2 weeks 4 days
B) 3 weeks
C) 3 weeks 3 days
D) None of these

19) 3 8☐2   Find the same digit at ☐
    + ☐0 8 5
    ─────────
      4 8 9 7

A) 5
B) 1
C) 3
D) 2

20) How much is half of 17020 ?

A) 860
B) 8510
C) 8010
D) 9510

21) If one bottle contains 200 ml. milk, how many bottles are required to fill 6 litres of milk ?

A) 30
B) 300
C) 60
D) 120

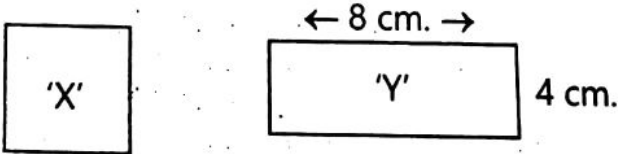22) A clock shows quarter to two. Then the time is _____.

A) 1 hour 15 minutes
C) 1 hour 45 minutes

B) 2 hours 45 minutes
D) 2 hours 15 minutes

(P.T.O.)

Rough work

23) A water tank contains 38500 litres of water and the other one contains 22750 litres of water. How much more water does the first tank contain ?

A) 15750   B) 5750   C) 15850   D) 16850

24) Three quarter kilogram = ☐ grams.

A) 250   B) 500   C) 750   D) 7500

25) Poorva has three notes of ₹ 50 each, one note of ₹ 500, two notes of ₹ 100 each and three notes of ₹ 20 each. How much amount does she have ?

A) ₹ 870   B) ₹ 910   C) ₹ 670   D) ₹ 770

26) One school bag costs ₹ 650. Then how much do 28 school bags cost ?

A) ₹ 14630   B) ₹ 22350   C) ₹ 18200   D) ₹ 12920

27) Rohit went for swimming from November 5 to January 5. Calculate the number of days of swimming.

A) 64   B) 60   C) 62   D) 63

28)

← 8 cm. →

'X'   'Y'   4 cm.

'X' is a square and 'Y' is a rectangle. If their Perimeters are equal, Find the side of the square.

A) 8 cm.   B) 4 cm.   C) 12 cm.   D) 6 cm.

29) Manas had ₹ 27550 rupees. He gave ₹ 5200 to his friend and spent ₹ 9430. How many rupees are left with him ?

A) 14630   B) 22350   C) 18120   D) 12920

Rough work

30) 4090 metres = ☐ kilometre ☐ metre

    A) 40 km. 90 m.   B) 40 km. 9 m.   C) 4 km. 90 m.   D) 409 km. 0 m.

31) Write the correct numbers in the box.

| 22 | 24 | 27 | 31 | | |

    A) 35, 39   B) 36, 42   C) 36, 43   D) 35, 42

32) If one box contains 6 Chocolates, how many boxes should be used for 900 Chocolates ?

    A) 150   B) 105   C) 15   D) 54

33) 7 years 2 months = How many months ?

    A) 83   B) 85   C) 84   D) 86

34) Which of the following is the smallest 3 digit even number ?

    A) 102   B) 100   C) 300   D) 110

35) In a school, 1580 pupils play Football, 650 pupils plays Cricket and 1125 pupils play Kabaddi. How many pupils are there in the school ?

    A) 3355   B) 3255   C) 3305   D) 3455

36) My bus for Sangli started at 8-30 in the morning and I reached Sangli at 3-45 in the afternoon. How much time did I travel ?

    A) 7 hours 45 minutes   B) 5 hours 15 minutes

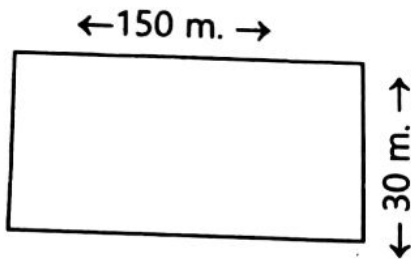   C) 7 hours 15 minutes   D) 5 hours 45 minutes

(P.T.O.)

Rough work

37) Write three previous numbers in order ☐ , ☐ , ☐ , 402

    A) 399, 400, 401   B) 405, 404, 403   C) 398, 399, 400   D) 396, 398, 400

38) 6350 grams + 2240 grams = ☐ kg. ☐ g.

    A) 85 kg. 90 g.   B) 8 kg. 590 g.   C) 8 kg. 390g.   D) 8 kg. 290 g.

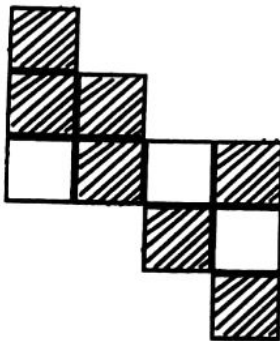39) How many metres of wire are required for double fencing the rectangular garden ?

←150 m. →

30 m.

    A) 360 m.   B) 180 m.

    C) 720 m.   D) 330 m.

40) All four angles of a square are ☐

    A) Acute angles   B) Obtuse angles   C) Right angles   D) None of these

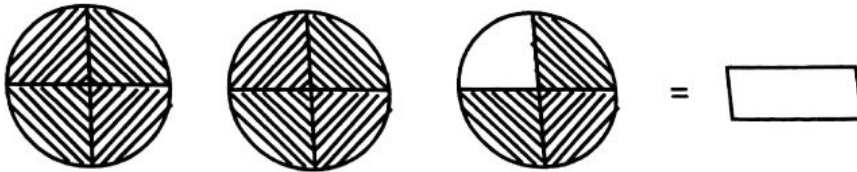41) Find the area of the shaded region if all the squares are of area 1 sq.cm.

    A) 7 cm.   B) 3 cm.

    C) 10 sq.cm.   D) 7 sq.cm.

Rough work

42) Which of the following is not a divisor of 27 ?

    A) 1   B) 3   C) 7   D) 9

43) 170 milimetres = how many centimetres ?

    A) 17 cm.   B) 170 cm.   C) 1700 cm.   D) None of these

44) Simran has some notes of ₹ 100, some of ₹ 50 and some of ₹ 20. If total value of the notes is ₹ 700, how many notes of each type does she possess ?

    A) 4 notes of ₹ 100 , 4 notes of ₹ 50, 5 notes of ₹ 20
    B) 4 notes of ₹ 100 , 4 notes of ₹ 50, 6 notes of ₹ 20
    C) 3 notes of ₹ 100 , 6 notes of ₹ 50, 6 notes of ₹ 20
    D) 5 notes of ₹ 100 , 2 notes of ₹ 50, 6 notes of ₹ 20

45) Write the coloured part in fractions.

    A) $8 \frac{3}{4}$ B) $3 \frac{3}{4}$ C) $2 \frac{1}{4}$ D) $2 \frac{3}{4}$

46) Manisha brought four and the half metres cloth and cut it into five equal pieces and gave each to her friend. How much cloth did each friend get ?
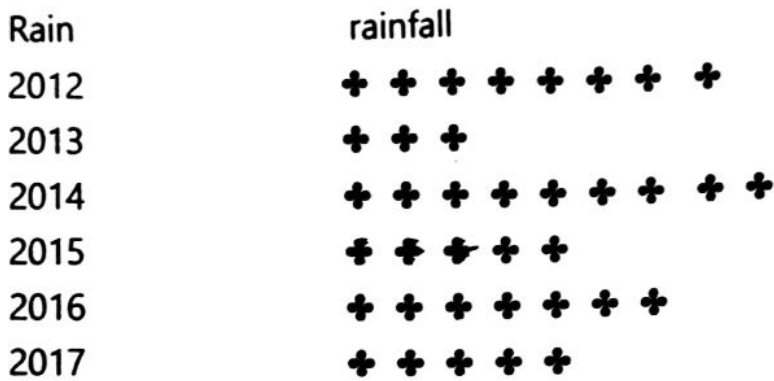
    A) 90 cm.   B) 900 cm.   C) 450 cm.   D) 9000 cm.

(P.T.O

Rough work

Observe the following chart and answer the questions No. 47 & 48

Scale each ✚ = 20 cm. rain

Rain	rainfall
2012	✚ ✚ ✚ ✚ ✚ ✚ ✚ ✚
2013	✚ ✚ ✚
2014	✚ ✚ ✚ ✚ ✚ ✚ ✚ ✚ ✚
2015	✚ ✚ ✚ ✚ ✚
2016	✚ ✚ ✚ ✚ ✚ ✚ ✚
2017	✚ ✚ ✚ ✚ ✚

47) In which year the rainfall was 140 cm. ?

A) 2012   B) 2014   C) 2015   D) 2016

48) How much more rain was in 2012 than in 2017 ?

A) 60 cm.   B) 3 cm.   C) 30 cm.   D) 600 cm.

49) 1st February 2018 was Thursday. What day was it on 1st March 2018 ?

A) Thursday   B) Friday   C) Saturday   D) Sunday

50) One and a half dozen pencils cost ₹ 90. Then find the cost of one pencil ?

A) ₹ 5   B) ₹ 15   C) ₹ 6   D) None of these

✚✚✚✚✚

Rough work