

Brihan Mumbai Ganit Adhyapak Mandal, Mumbai

Date : 30-7-2016

MATHS CONCEPT EXAMINATION 2016

Time : 3 pm. to 5 pm.

STD. : V

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.

Ex. 1) 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)

1) Write the number twenty nine thousand sixty in figures.

A) 29600 B) 29660 C) 29060 D) 2960

2) I have 72 notebooks. If I have to distribute all of them equally among some students, how many students of the following can get them ?

A) 5 B) 7 C) 9 D) 10

3) At what time of the following there will be obtuse angle between the hour hand and minute hand of a clock ?

A) Half past five B) Half past ten C) quarter past two D) quarter to ten

4) If $6000 - \square = 3999$, then which number can be in the box ?

A) 1 B) 101 C) 1001 D) 2001

5) Make the biggest five-digit number using each of the digits 4, 3, 7, 0 and 9 only once.

A) 70439 B) 97430 C) 43097 D) 34970

6) Which year will have 366 days ?

A) 2100 B) 2200 C) 2300 D) 2400

7) How to write the coloured part of the figure in fraction ?



A) $\frac{3}{8}$ B) $\frac{5}{8}$ C) $\frac{8}{3}$ D) $\frac{8}{5}$

Rough work

8) Aseem has 331 marbles and Sujay has 245 marbles. How many more marbles Sujay should take so that both possess equal number of marbles ?

- A) 84 B) 86 C) 76 D) 14

9) Write the number from the extended form $5000 + 80 + 3$.

- A) 5830 B) 5083 C) 5380 D) 5038

10) The sides of a triangle are 4 cm., 6 cm. and 7 cm. What is the perimeter of the triangle ?

- A) 17 cm. B) 467 cm. C) 168 cm. D) 17 sq. cm.

11) Write the three previous numbers ---, ---, ---, 800

- A) 797, 798, 799 B) 897, 898, 899 C) 801, 802, 803 D) 791, 792, 793

12) Which fraction denotes three and three quarters ?

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

13) I have 7 notes of 500 rupees, 9 notes of 100 rupees and 10 notes of 20 rupees. How much is the total amount in rupees ?

- A) 4600 B) 2600 C) 35910 D) 5910

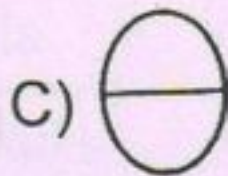
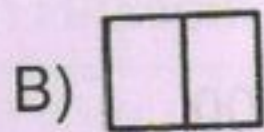
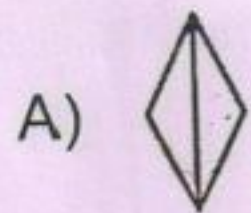
14) Which of the following is the biggest fraction ?

- A) $\frac{1}{5}$ B) $\frac{1}{4}$ C) $\frac{1}{3}$ D) $\frac{1}{2}$

15) Write the place value of the underlined digit in the number 835998.

- A) 500 B) 50000 C) 5000 D) 5

16) Which of the following figures is not symmetrical ?



D)



17) How many numbers of the following 10 numbers are odd numbers ?

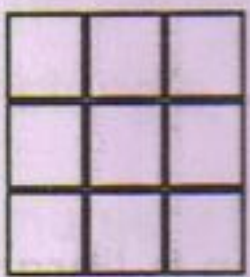
35, 53, 38, 36, 42, 86, 78, 70, 07, 71

- A) 6 B) 4 C) 5 D) 7

18) Convert $17\frac{1}{2}$ metres into centimetres.

- A) 1750 B) 17500 C) 175 D) None of these

- 19) Which addition would give the smallest five-digit number ?
 A) $9999 + 1000$ B) $10 + 1000$ C) $9999 + 1$ D) $9000 + 100$
- 20) Six hundred eight tens and five units = which number ?
 A) 60085 B) 6805 C) 6085 D) 685
- 21) Which of the following is a true statement ?
 A) $\frac{1}{15} > \frac{1}{20}$ B) $\frac{1}{15} < \frac{1}{20}$ C) $\frac{15}{1} > \frac{20}{1}$ D) $\frac{1}{15} = \frac{1}{20}$
- 22) It was Sunday on 1 May 2016. Which days occurred five times in that month ?
 A) Sunday, Monday, Tuesday B) Sunday and Monday
 C) Saturday, Sunday, Monday D) Monday and Tuesday
- 23) If a number is divided by 7, the quotient is 101 and the remainder is 2.
 What is that number ?
 A) 779 B) 709 C) 79 D) 799
- 24) Write 70403 in words.
 A) Seventy thousand four thousand three B) Seven thousand four hundred three
 C) Seventy thousand four hundred three D) Seventy thousand forty three
- 25) 2 hours 45 minutes + 1 hour 20 minutes = how many minutes ?
 A) 365 B) 85 C) 245 D) 254
- 26) Rs. 5 have to be shared equally between two people. Which of the following gives a wrong answer ?
 A) $\frac{1}{2} \times 5$ B) $\frac{5}{2}$ C) $2 \frac{1}{2}$ D) $\frac{2}{5}$
- 27) Three figures are divided among small squares of equal area. Find the correct statement.



(Figure 1)



(Figure 2)

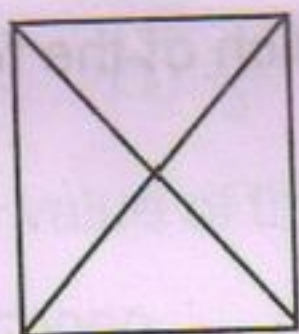


(Fig. 3)

- A) All the three figures have equal areas.
 B) The first figure has the greatest area.
 C) The second figure has the least area.
 D) The area of the third figure is more than the area of the first figure.

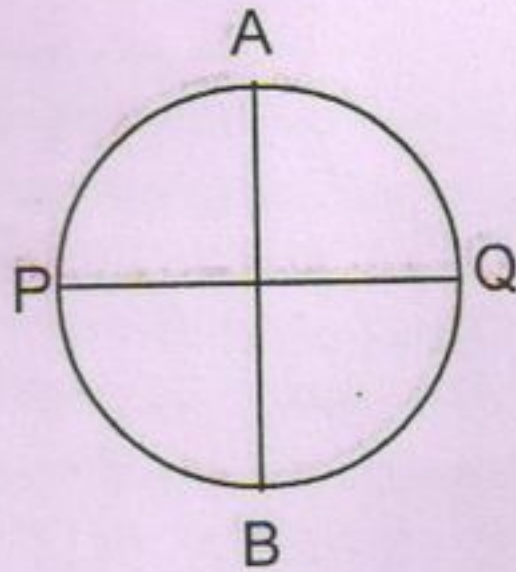
 Rough work

- 28) Sonal's date of birth is 30th July 2007. What will be her age on 30th July, 2016 ?
A) 23 B) 9 C) 8 D) 10
- 29) Write the numbers 990, 909, 999 in ascending order.
A) 999, 909, 990 B) 990, 999, 909
C) 909, 999, 990 D) 909, 990, 999
- 30) Distance covered in one round along a walking track of a play-ground is 200 metres. If Sameer completes 5 rounds every day along the track, how much distance does he walk in kilometres ?
A) 1000 B) 1 C) 10 D) 100
- 31) Which of the following subtractions gives the answer 400 ?
A) 555 - 100 B) 555 - 155 C) 550 - 50 D) 5555 - 1555
- 32) A car left Mumbai at 12.30 in the afternoon and reached Satara at 8.15 at night on the same day. How much time did the journey take ?
A) 7 hours 45 minutes B) 4 hours 15 minutes
C) 20 hours 45 minutes D) 7 hours 15 minutes
- 33) Count the number of triangles in the following figure.



- A) 4 B) 6 C) 2 D) 8
- 34) How many grams is four and a half kilograms ?
A) 450 B) 4500 C) 4050 D) 4005
- 35) There are 20500 books of Mathematics and 13430 books of Science in a library. How many more books of Mathematics are there than the books of Science ?
A) 33930 B) 7770 C) 7070 D) 6770
- 36) One chair costs Rs. 850 then find the cost of 35 such chairs.
A) Rs. 29750 B) Rs. 2975 C) Rs. 297500 D) Rs. 29755

- 37) Lines PQ and AB meet each other at the center of the circle, then these lines are called



- A) Diameter B) radius C) Chord D) None of these
- 38) In a clock the hour hand is between 1 and 2 and the minute hand is at 9. What is the time ?
 A) Forty five minutes past two B) Quarter to two
 C) Quarter to one D) Quarter past one
- 39) Which of the following meanings of the number 1027 is wrong ?
 A) 102 tens 7 units B) 10 hundreds 2 tens 7 units
 C) 1 thousand 0 hundreds 2 tens 7 units D) 10 tens 27 units
- 40) How many measures of 500 ml are to be filled to measure two and a half litres of milk ?
 A) 2 B) 3 C) 6 D) 5
- 41) Which of the following is a false statement ?
 A) All the angles of a rectangle are right angles.
 B) All the sides of a rectangle are of equal length.
 C) The opposite sides of a rectangle are of equal length.
 D) The perimeter of a rectangle is the sum of the lengths of all four sides of the rectangle.
- 42) In a nursery there are 20750 saplings. 11200 were mango saplings and 8500 were teak saplings. Others were saplings of flowering plants. How many were the saplings of flowering plants ?
 A) 19700 B) 9500 C) 12250 D) 1050
- 43) If we put 8 biscuits in one packet, how many packets can be made from 904 biscuits ?
 A) 103 B) 113 C) 123 D) None of these

44) A chart showing the number of children, men and women of a village is given below. How many children are there in the village ?

Type	Number of children
Children	☺ ☺ ☺ ☺ ☺
Women	☺ ☺ ☺ ☺
Men	☺ ☺ ☺

Scale : 1 ☺ means 50 persons

- A) 250 B) 200 C) 150 D) 600

45) Which of the following is the most suitable unit to measure the height of an electric pole ?

- A) Metre B) Millimetre C) Centimetre D) Kilometre

46) If $600 \square 250 \square 10 = 35$, Put proper signs in order at \square

- A) +, - B) -, + C) -, ÷ D) ÷, -

47) Complete the number pattern given below.

3	10	17	---	31	---
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- A) 23, 38 B) 24, 38 C) 24, 37 D) 23, 37

48) Some ways of getting change for a 50-rupees note are given. Which is a wrong alternative ?

- A) Two 20 rupee notes and one 10 rupee coin
 B) Four 10 rupee notes and ten 2 rupee coins
 C) Ten 2 rupee coins and six 5 rupee coins
 D) Three 10 rupee notes and twenty 1 rupee coins

49) The 5 times table 05, 10, 15, 20, 25, 30 ... has a pattern in the tens digits as 0, 1, 1, 2, 2, 3, *, *, 4, 5, 5 Find the missing digits in this pattern.

- A) 3, 3 B) 4, 5 C) 4, 4 D) 3, 4

50) Count the tally marks in the given table and find by how much is the number of Rose plants more than Hibiscus plants.

Name of plant	Tally Marks
Rose	
Hibiscus	
Mogra	
Chapha	

- A) 6 B) 7 C) 5 D) 8

