Maths

Q. 1.   How the number 9,04,72,00,567 is written in words?

[1] Nine crore four lakh seventy two thousand five hundred and sixty seven.

[2] Nine hundred four crore seventy two thousand five hundred and sixty seven.

[3] nine abja four crore seventy two lakh five hundred and sixty seven.

[4] nine abja forty seven lakh twenty thousand five hundred and sixty seven.

Q. 2.   Choose the proper option to answer the following.

(4 x 10000) + (6 x 10) + (5 x 1000000) + (9 x 1000000000) + (2 x 100) + (6 x 10000000) = ?

[1] 4659260000   [2] 965040210
[3] 9065040210   [4] 965400210

Q. 3.   Choose the proper option to answer the following.

8 x 100 + 6 x 1000000 + 2 x 100000 + 2 + 4 x 100 = ?

[1] 628402   [2] 20608
[3] 60208402   [4] 6208402

Q. 4.   If the numbers 2343, 2532, 2145 and 2558 are arranged in ascending order, which will be the second number in the list?
[1] 2532   [2] 2343
[3] 2145   [4] 2558

Q. 5.   What is II times VI?
[1] XX   [2] XI
[3] XII   [4] VIII

Q. 6.   Which of the following is a composite number?
[1] 41   [2] 43
[3] 53   [4] 57

Q. 7.   What number is to be added to six and half lakh to get eight and quarter lakh ?
[1] 150000   [2] 125000
[3] 185000   [4] 175000

Q. 8.
5478 - 968 = ?
[1] 5510   [2] 4150
[3] 5150   [4] 4510

Q. 9. 20 rows are made with 36 students in each row. In all, how many students are there?
[1] 820   [2] 720
[3] 640   [4] 840

Q. 10.
32 × 46 = ?
[1] 1472   [2] 1742
[3] 1247   [4] 1274

Q. 11. .What is the remainder in the following operation?
195 ÷ 24
[1] 0   [2] 1
[3] 2   [4] 3

Q. 12. Of which of the following numbers is 507 a multiple?
[1] 11   [2] 7
[3] 13   [4] 17

Q. 13. 12 + 12 ÷ 3 × 8 - 5 = ? (2004)
[1] 39   [2] 24
[3] 49   [4] 59

Q. 14 . 8 - 48 ÷ 6 = ?
[1] 10   [2] 0
[3] 8   [4] 6

Q. 15. s ÷ 7 = 12, s = ?
[1] 80   [2] 7/12
[3] 110   [4] 84

Q. 16. How many 25 paise coins will be worth Rs. 25?
[1] 625   [2] 100
[3] 10   [4] 125

Q. 17. Prakash's wallet has the following :
5 notes worth Rs. 100 each
6 notes worth Rs. 50 each
4 notes worth Rs. 20 each
8 notes worth Rs. 10 each
Find the total amount Prakash has in his wallet.

[1] Rs. 860   [2] Rs. 1060
[3] Rs. 920   [4] Rs. 960

Q. 18. Rupees 5 = ? paise. (2003)

[1] 5   [2] 5000
[3] 50   [4] 500

Q. 19. 6 hours = ... minutes. (2004)

[1] 180   [2] 360
[3] 240   [4] 300

Q. 20.   The working hours of an office are 9:00 AM to 1:00 PM and 2:00 PM to 6:00 PM. So for how much time employees work in that office?

[1] 6 hour   [2] 8 hours
[3] 9 hours   [4] 10 hours

Q. 21.   475 m = ... cm

[1] 4750   [2] 475000
[3] 47500   [4] 4.75

Q. 22. Out of 8 m long string, 3 m 35 cm long string is used, What is the length of the remaining string? (2004)

[1] 5 m 35 cm   [2] 11 m 35 cm
[3] 4 m 65 cm   [4] 5 m 65 cm

Q. 23.   January 26th was Monday. What day will February 1st be?

[1] Friday   [2] Saturday
[3] Sunday   [4] Monday

Q. 24.   Winter vacation started on 15th October. Duration of the vacation is 21 days. Find the date on which school will commence again.

[1] 5th November   [2] 31st October
[3] 7th November   [4] 8 November

Q. 25.

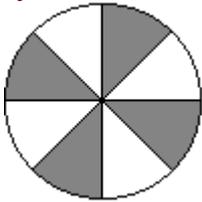Convert $5\dfrac{6}{9}$ into improper fraction.

[1] 84/9   [2] 51/9
[3] 39/6   [4] 45/6

Q. 26. Which of the following is the greatest fraction?

[1] 8/11

[2] 8/19

[3] 8/17

[4] 8/21

Q. 27

How much portion of the circle is shaded?

[1] 1/2

[2] 5/8

[3] 4/4

[4] 3/5

Q. 28.

$$\frac{46}{57} - \frac{12}{57} = ?$$

[1] 24/34

[2] 34/57

[3] 9/57

[4] 45/57

Q. 29.

$$\frac{35}{13} - \frac{24}{13} + \frac{11}{13} = ?$$

[1] 22/13

[2] 48/13

[3] 8/13

[4] 45/13

Q. 30.

Write the number $100\frac{1}{100}$ in the decimal form.

[1] 100.001

[2] 101.01

[3] 100.01

[4] 101

Q. 31.

How is $2\frac{3}{100}$ is written as a decimal fraction?

[1] 2.03

[2] 203.0

[3] 20.3

[4] 0.203

Q. 32. 384 sheets = ? quire sheets

[1] 16   [2] 32

[3] 20   [4] 24

Q. 33. 3 quire sheets = ? sheets

[1] 12   [2] 36

[3] 48   [4] 72

Q. 34. For her shop, Jyoti bought 60 meters of plastic cloth for ` 24 per meter. She sold all of this cloth for ` 1400. How much profit/ loss did she make in this sale?

[1] Profit of ` 40                 [2] Loss of ` 40

[3] Loss of ` 24                    [4] Profit of `1256

Q. 35. Arin bought a music system for ` 6375.00 and spent ` 75.00 on its transportation. He sold it for ` 6400.00. Find his profit or loss

[1] Profit of ` 50                  [2] Profit of ` 25

[3] Loss of ` 50                    [4] Loss of ` 25

Q. 36. Kalyani bought 20 refills and sold them at ` 4 each. If it had cost ` 50 for the refills, what was her profit or loss ?

[1] Loss of ` 30                    [2] Profit of ` 30

[3] Loss of ` 50                    [4] Profit of ` 50

Q. 37. In a Cooperative milk society total of 2250 liters of milk was collected. Out of it 28% was cow milk. So how many liters of cow milk was collected?

[1] 63   [2] 603

[3] 630   [4] 280

Q. 38. Rita scored 65% marks out of 700. How many marks did she score?

[1] 455   [2] 245

[3] 500   [4] 680

Q. 39. 13 percent of four hundred is how much?

[1] 52   [2] 51

[3] 62   [4] 39

Q. 40. At a rate of 13 p.c.p.a., what would be the interest for 7 years on Rs.55,000 ?

[1] Rs.7,150   [2] Rs.3,850

[3] 50,500   [4] Rs.50,050

Q. 41. At a rate of 6 p.c.p.a., what would be the interest for 4 years on principal ` 8500?

[1] ` 2000      [2] ` 2040

[3] ` 3400      [4] ` 1980

Q. 42. If we double the lengths of the sides of the angle, the measure of that angle will _____ .
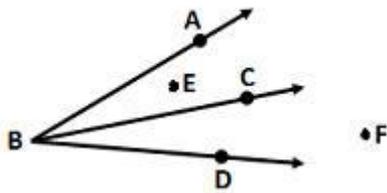
[1] increase   [2] become double

[3] become half   [4] not change

Q. 43. How many vertices are there in the given figure?

[1] 3   [2] 4

[3] 6   [4] 1
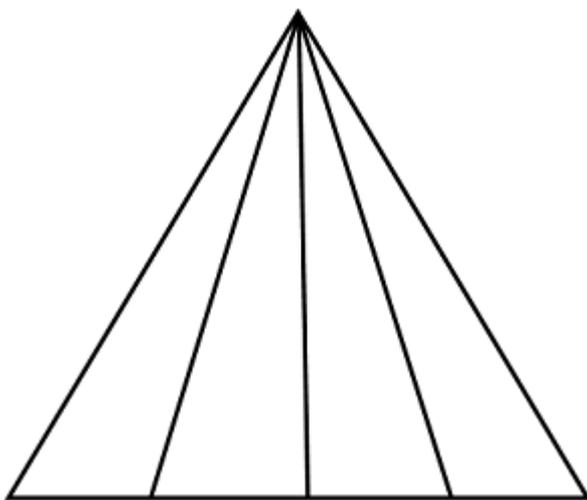
Q. 44. Out of the given options which option is true?

[1] Lines which are not parallel, do not intersect each other.   [2] Perpendicular lines do not intersect each other.

[3] Parallel lines do not intersect each other.   [4] All of these.

Q. 45. How many triangles are there in the given figure?

[1] 4   [2] 6
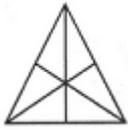
[3] 10   [4] 7

Q. 46. How many triangles are there in the given figure?

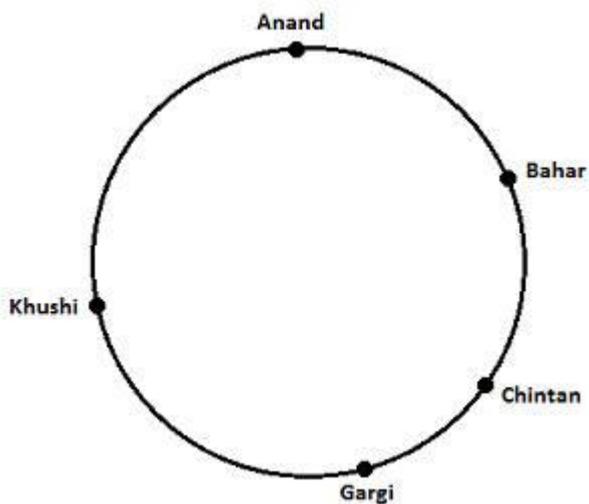[1] 15   [2] 12
[3] 14   [4] 16

Q. 47. The friends from a class are standing on the circle as shown below. How many times they can shake their hand with each other only for once?

[1] 5   [2] 20
[3] 16   [4] 10

Q. 48.If the diameter of a circle is 108 cm, what will be its radius?
[1] 216 cm   [2] 5.4 m
[3] 54 cm   [4] 0.216 m
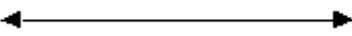
Q. 49. The perimeter of a triangle having two equal sides is 42 cm. If the length of each equal side is 15 cm, then what is the length of the remaining third side?
[1] 12 cm   [2] 13 cm
[3] 14 cm   [4] 16 cm

Q. 50.
Name the above figure.
[1] Ray   [2] Segment
[3] Angle   [4] Line

English

Q. 51.   Find the word which is opposite in meaning.

sufficient : ?

[1] enough   [2] less
[3] insufficient   [4] inadequate

Q.52.   A person who diagnoses and treats all eye diseases, performs eye surgery and prescribes and fits eyeglasses and contact lenses to correct vision problems is called _____.

[1] Optometrist   [2] Optician
[3] Lens doctor   [4] Ophthalmologist

Q.53.   Find out the proper word giving the sound of the following.
Jackals
[1] bellow   [2] chatter
[3] screams   [4] howl

Q.54. What is the given picture related to?

[1] avoid using plastic bags   [2] litter your surrounding.
[3] throw the waste in the dustbin
and keep your surrounding clean and [4] none of these
green.

Q. 55. Choose the correct sentence
[1] The automobile was their's.   [2] That book on the table is mine.
[3] The ship lost it's way in the storm. [4] I did not know that book was he.

Q.56.   Pick out the adverb in the sentence.

Anuja was dressed all in pink.

[1] dressed   [2] pink
[3] all   [4] in

Q. 57. Fill in the blanks with right prepositions from those given below.

Some people are displeased .... their own appearance. (1993)

[1] in   [2] of
[3] with   [4] for

Q. 58.   Fill in the blanks with the correct contracted form

She ------ going to play.

[1] is'nt   [2] isn't
[3] are'nt   [4] aren't

Q. 59.   What does the given road sign indicate?

[1] Stop   [2] No Parking
[3] No entry   [4] Dead End

Q. 60. Read the story carefully and answer the questions choosing the correct option.

The Boy Who Cried Wolf

A shepherd boy was in charge of tending his master's sheep near a dark forest not far from the village. But being a boy, he found the task dull and lonely. He wondered what he could do to relieve his boredom. Remembering that his master instructed him to call for help if a wolf should appear, he decided to call "Wolf" though none was there.
Immediately the villagers came rushing to his aid. But when they arrived, they found no threat. The boy was amused by this, so the next week he did the same thing. Again the villagers came and again found no wolf.
The next week it came to pass that a wolf did come out of the woods and threaten the sheep. The boy cried, "Wolf! Wolf" but the villagers did not come. They were determined not to be fooled again.

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What is the moral of the story?

[1] People help you in your problems

[2] have fun to get rid of your boredom.

[3] A liar will not be believed, even when telling the truth.

[4] Respect others

Q. 61. Choose the correct alternative to complete the given question in the future tense.

Sudha .... a letter to her father. (2004)

[1] wrote

[2] writes

[3] will write

[4] was writing

Q. 62. Read the steps below and arrange them in proper order to make a birthday greeting card.

Steps:-

a) Write some poem or thoughts on the right half of the card and decorate it nicely.

b) Take any A4 size card sheet and fold it in half.

c) On the left half, paste a photo related to the birthday person or photo of cake or chocolate.

d) First create the front page of the card by writing your birthday wish on it.

e) Give final touches. Decorate the card by pasting stickers and applying glitter, etc.

f) Open the card.

[1] b, d, f, a, c, e   [2] d, f, b, c, e, a
[3] a, b, c, d, e, f   [4] a, b, e, f, c, d

Q.63. Choose the most suitable title or headline for given news.

BENGALURU: From guiding people on which bus to take to work and real-time traffic to empowering tourists to become local guides, Google Maps India strives to show the way and direct citizens to their destinations. In an interview with TOI, Sanket Gupta , programme manager of Google Maps India, says today India is among the top five countries using the offline map feature and that the next project is to map public toilets.

[1] Bengaluru people are guided to take buses
[2] India among top 5 nations using offline Google Maps
[3] Sanket Gupta is a Programme manager of Google Maps
[4] Interview of Sanket Gupta

Q. 64. Read the letter carefully and answer the questions selecting the right options.

Room no-15,
Rocky Chawl,
Opp Mahadeo Temple,
Gokhivare, Vasai-East,
District- Palghar-401208.
Phone :- 9226 891 382

Dear Arnav,

I just received the news that you got a new job. I am (A)_____ .
Congrats!

Now days it is not easy to get a good job. And for a fresher, it is particularly very difficult. It is your resourcefulness in job search that has helped you.

I am quite sure that your knowledge and your hard work will make you a great software developer. I expect to hear great news about your further success in the coming years.

Best wishes for your bright career.

Your loving friend,

Tanmay

Choosing the proper option, complete the blank line at (A),

I am (A)_____ .

[1] very sad   [2] very angry
[3] the happiest person   [4] vary sorry

Q. 65. What is wrong below the sender's address?
[1] PIN Code   [2] Phone number
[3] Name of area   [4] City name

Q. 66. **Read the following passage carefully and complete the statements given below.Choose the correct option.**

Kisro Anushirwan, who ruled in Persia many centuries ago, was known as the Just King. Unlike other wilful and autocratic rulers of his time, he was considerate and thoughtful of others. Once he had gone hunting in the woods when he got separated from his retinue while chasing a deer. The hard chase made him thirsty and he started looking for water. Soon he came upon a small village situated nearby. He approached a hut near the roadside and asked for water. A young woman came out of the hut to see who was calling at the door. When she saw the thirsty King, she bowed to him, and went back into the cottage hurriedly.(2001)

Now the people of this village cultivated sugarcane it, their fields along with other crops. The young woman had some sweet and juicy sugarcane sticks in the house. She pressed the juice from a single sugarcane into a bowl and mixed it with water. Then she sprinkled some powdered spices on top of the drink and carried the bowl to the King.

Kisro Anushirwan was known as Just King. The word 'Just' means:

[1] the King always gave right justice to all.

[2] the King avoided giving right justice to anyone.

[3] the King never gave justice to his subjects.

[4] there was hardly any justice in the judgement given by the King.

Q. 67. The word 'autocratic' here means :

[1] crazy

[2] full power in the hands of one man.

[3] an expert person

[4] None of these.

Q. 68. Read the news and answer the questions from the options below.

Earthquake of magnitude 5.8 in Uttarakhand; strong tremors felt across northern India

NEW DELHI, March 7**:** An earthquake measuring 5.8 on the Richter scale struck Uttarakhand late on Monday night. The quake caused tremors that were felt across northern India. Two teams of the National Disaster Response Force (NDRF) have been rushed to Rudraprayag to conduct relief and rescue operations should the need arise.

A clear picture of the effect of the quake on the region is yet to emerge. The quake brought people out of their homes across Uttarakhand, as well as other cities across northern India.

The India Meteorological Department (IMD) located the epicentre in the mountain state's Rudraprayag District. However, the European-Mediterranean Seismological Centre (EMSC) and United States Geological Service (USGS) have located the epicentre close to Pipalkoti.

Which agency located the epicentre of the earthquake in Rudraprayag district?

[1] EMSC   [2] USGS
[3] NDRF   [4] IMD

Q.69
What was the magnitude of the earthquake?
[1] 8.5   [2] 5.8
[3] 7   [4] 8

Q. 70 . Read the following interview carefully and select the correct option to answer the questions given below.

An Interview with Nitesh Gupta a 22-year old entrepreneur, who is heading the export department of his father's company; MOTO Machines PVT Limited.

Interviewer : May we know you?

Nitesh : Well, my name is Nitesh Gupta and I am a resident of New Delhi. I am at present 22 years old.

Interviewer : Can you give us a brief insight into your education background?

Nitesh : My preliminary education (0-12 yrs) has taken place in a small town. I have passed out my Bachelors in Engineering from Delhi college of Engineering, New Delhi in the year 2007 in Mechanical Engineering.

Interviewer : What made you decide to be a self-employed entrepreneur @ your age?

Nitesh : I have always been an ambitious person with the gut feeling that; "Success lies within you; you just have to unearth it". Furthermore, my father Mr. R.R. Gupta has always been an inspiration for me. He used to live in a small village, used to travel 100kms daily in trains to attend his college and started his business with a very small investment which he earned by doing a small job. With hard work and willpower he is now a successful industrialist and this inspires me to achieve even greater heights of success.

Interviewer : Tell us about the car you built?

Nitesh : I have been the part of the team which developed India's first Hybrid vehicle. The vehicle uses both sources of power viz. gasoline and electricity to run thus saving considerable amount of fuel and reducing air pollution. We have achieved 82mpg as the mileage of our vehicle. Our source of inspiration for this vehicle was the ever increasing problem of Global Warming which is facing the Planet earth.

Interviewer : Do you consider yourself to have succeeded and if so, why?

Nitesh : I have just started my career as an entrepreneur and developing this car and showcasing it to the world through NESEA Competition was just one part of it. I will consider myself to be succeeded in life when I will be able to bring this car on roads and in reach of the common man so that the biggest problem of planet Earth (Global Warming) can be solved.

Interviewer : Give us a brief detail of the normal life of a self employed entrepreneur?

Nitesh : A self employed entrepreneur has a life quite different from that of a normal job going person or businessman. He has to be very calculative in his approach, a quick decision maker and should have a lot of patience. In his life, enjoyment and entertainment too is present although they take a sideline over work which is considered to be of prime importance.

Interviewer : Thank you Nitesh and All the best to you!

Nitesh : Thank you.

Out of the options given, choose the right option.

[1] Nitesh lives in a small town.

[2] Father of Nitesh used to travel 100kms daily by bus.

[3] Nitesh is a part of the team which has developed India's first Hybrid vehicle.

[4] Nitesh is an Electrical Engineer.

Q. 71

How is Nitesh showcasing his car to the world?

[1] By global marketing

[2] through NESEA Competition

[3] By displaying it through road shows

[4] Through Internet

Q. 72. Read the following poem and answer the questions.Choose the proper option.

Home they brought her warrior dead

She nor swooned, nor uttered cry:

All her maidens, watching said, 'She must weep or she will die'.

Then they praised him, soft and low,

Called him worthy to be loved.

Truest friend and noblest foe;

Yet she neither spoke nor moved.

Stole a maiden from her place,

Lightly to the warrior stept,

Took the face cloth from the face;

Rose a nurse of ninety years,

Set his child upon her knees

Like summer tempest came her tears

'Sweet my child, I live for thee'.

State the relation between the dead warrior and the woman.

[1] son and mother   [2] brother and sister
[3] husband and wife   [4] None of these.

Q. 73. Choose the correct English meaning for the Non-English word.
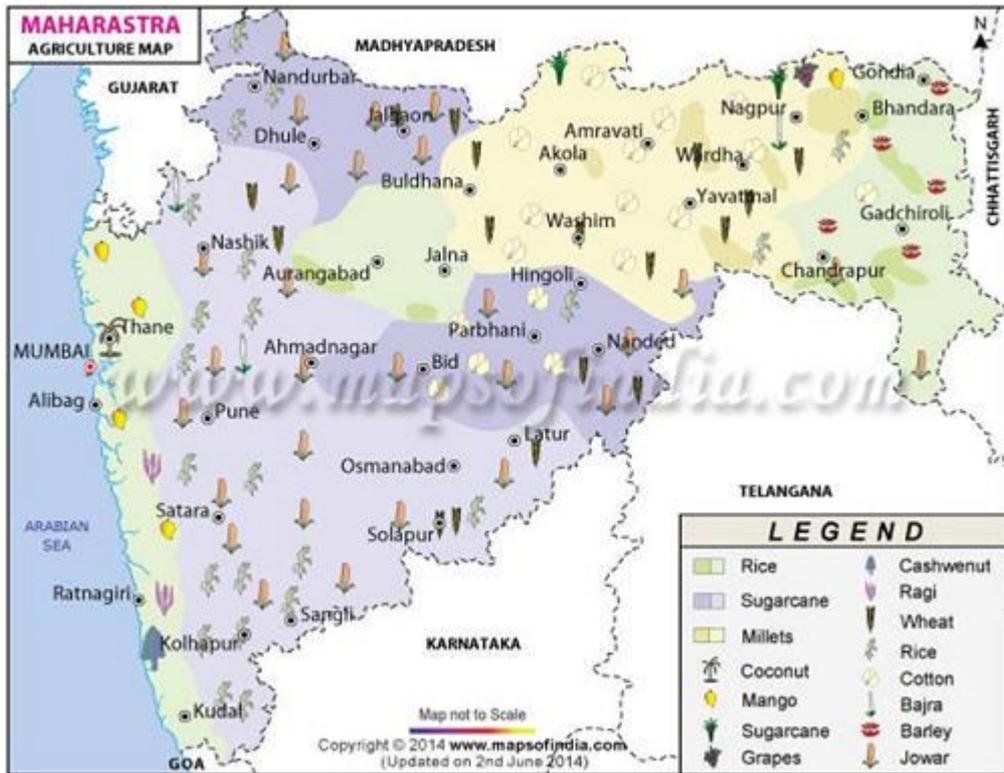
Cafe

[1] coffee house   [2] tea house
[3] hotel   [4] lodge

Q. 74
Study the map given below and answer the following questions.

Choose the correct option to fill in the blank.

It is the _____ map of Maharashtra.

[1] Industry   [2] District
[3] Physical   [4] Agriculture

Q. 75. What does VSAT stand for?
[1] Very Small Aperture Terminal   [2] Very Small Active Terminal
[3] Vital Signal Active Terminal   [4] Vehicular SATellite

1 o o o o	33 o o o o	65 o o o o
2 o o o o	34 o o o o	66 o o o o
3 o o o o	35 o o o o	67 o o o o
4 o o o o	36 o o o o	68 o o o o
5 o o o o	37 o o o o	69 o o o o
6 o o o o	38 o o o o	70 o o o o
7 o o o o	39 o o o o	71 o o o o
8 o o o o	40 o o o o	72 o o o o
9 o o o o	41 o o o o	73 o o o o
10 o o o o	42 o o o o	74 o o o o
11 o o o o	43 o o o o	75 o o o o
12 o o o o	44 o o o o	
13 o o o o	45 o o o o	
14 o o o o	46 o o o o	
15 o o o o	47 o o o o	
16 o o o o	48 o o o o	
17 o o o o	49 o o o o	