



SAMPLE PAPER

Class 5

Time Allowed : 3 hrs

Maximum Marks : 100

MATHEMATICS

Q1. Write the following number name in the numeral form .

Fifteen crore, twenty-six lakh, thirty eight thousand, six hundred seven

- a) 15,26,38,607 b) 15,38,36,670 c) 15,68,25,607 d) 15,26,38,670

Answer a

Q2. The successor of 1 million is _____.

- a) 1,00,001 b) 10,001 c) 1,000,001 d) 1,001

Answer c

Q3. The roman numeral for 756 is _____.

- a) DCCCLVI b) DCCLVI c) DCLVI d) DCCXLVI

Answer b

Q4. The correct Indo -Arabic numeral for CLXVIII is _____.

- a) 148 b) 175 c) 168 d) 153

Answer c

Q5. Which number is 83,591 less than 10,00,000 ?

- a) 9,16,409 b) 9,26,419 c) 9,54,789 d) 9,08,719

Answer a

Q6. A factory produces 3750 cartons of bulbs in a month. If each carton contains 48bulbs, what is the total number of bulbs produced in a month?

- a) 18000 b)75000 c) 540000 d) 180000

Answer d

Q7. If a box of chocolates contains 24 chocolates, how many boxes of chocolate are required to distribute one chocolate to each of 4608 students ?

- a) 192 b) 156 c) 205 d) 188

Answer a

Q8. Which of the following numbers is divisible by 6 ?

- a) 132 b) 7290 c) 2682 d) All of the above

Answer d

Q9. Find the LCM of 15 and 25.

- a) 125 b) 75 c) 100 d) 150

Answer b

Q10. Which of the following fractions is equivalent to $\frac{3}{5}$?

- a) $\frac{9}{15}$ b) $\frac{7}{10}$ c) $\frac{6}{12}$ d) none of the above

Answer a

Q11. Solve the following sum $\frac{2}{5} + \frac{1}{2}$

- a) $\frac{7}{10}$ b) $\frac{9}{10}$ c) $\frac{8}{10}$ d) $\frac{6}{10}$

Answer b

Q12. Find the product 67.548 x 100 ?

- a) 675.48 b) 6.7548 c) 6754.8 d) 0.67548

Answer c

Q13. Solve the following: 34.16 ÷ 8 .

- a) 4.27 b) 4.32 c) 3.95 d) 5.08

Answer a

Q14. Monica bought 15kg 600g flour from the market. If she used 9 kg 450g for making chapattis, 2 kg 100g for making cakes , then find the quantity of unused flour that she has ?

- a) 6.050kg b) 150 g c) 4.950 kg d) 4.050kg

Answer d

Q15. In the decimal number 48.65, the digit 6 is in which place value ?

- a) unit b) tens c) one tenths d) one hundredths

Answer c

Q16. Soma got 3 kg apples for Rs. 216 while Anu bought 5 kg apples for Rs. 380. Who got a better deal and what was the difference between the unit price of the two purchases?

- a) Anu , 5 Rs per kg b) Soma, 8 Rs per kg c) Anu, 3 Rs per kg
d) Soma, 4 Rs per kg

Answer d

Q17. A carpenter sells a study table costing Rs. 3500 at a price of Rs. 4200. He also sells a dresser costing Rs.3000 at Rs. 2800. What is his total profit/ loss ?

- a) Profit, Rs. 800 b) Profit Rs. 500 c) Loss, Rs. 400 d) Loss, Rs. 600

Answer b

Q18. Calculate the area and perimeter of a rectangle with length 12 cm and breadth 8cm.

- a) 96 cm^2 , 40 cm b) 72 cm^2 , 36 cm c) 120 cm^2 , 44cm d) 108 cm^2 , 42 cm

Answer a

Q19. An obtuse angle is _____.

- a) $> 90^\circ$ b) $< 90^\circ$ c) $= 90^\circ$ d) none of the above

Answer a

Q20. A quadrilateral in which only one pair of its sides are parallel is a _____.

- a) rectangle b) parallelogram c) square d) trapezium

Answer d

Q21. The sum of all the three angles of a triangle is equal to

- a) 120° b) 150° c) 180° d) 200°

Answer c

Q22. A tank has a capacity of 1200 litres. If 75 buckets can be filled with this water, what is the capacity of the bucket?

- a) 24 L b) 16 L c) 20 L d) 25 L

Answer b

Q23. If the length, breadth and height of a box are 24 cm, 15 cm and 8 cm respectively, the volume of the box will be _____.

- a) 2880 cm^3 b) 2640 cm^3 c) 3250 cm^3 d) 2980 cm^3

Answer a

Q24. Convert 12 days and 6 hours into hours.

- a) 288 hrs b) 154 hrs c) 294 hrs d) 256 hrs

Answer c

Q25. Which of the following alphabets have reflection symmetry ?

- a) A b) F c) P d) Q

Answer a

SCIENCE

Q26. Broad and thick leaf like structure which stores food and provides nutrients to the seed are known as _____.

- a) testa b) embryo c) cotyledon d) hilum

Answer c

Q27. The process by which a new plant develops from the roots, stems, leaves or buds of a plant is known as _____.

- a) germination b) dispersal c) vegetative propagation d) none of the above

Answer c

Q28.. Which of the following seeds get dispersed by animals ?

- a) maple b) lotus c) dandelion d) xanthium

Answer d

Q29. Which of the following is not a kharif crop ?

- a) cotton b) wheat c) groundnut d) paddy

Answer b

Q30. The technique that helps bats and dolphins to find their way in the dark is known as _____.

- a) echolocation b) vibrations c) reception d) none of the above

Answer a

Q31. The natural environment of an animal is known as its _____.

- a) environment b) habitat c) region d) none of the above

Answer b

Q32. Insects breathe through tiny holes in their body known as _____.

- a) trachea b) gills c) spiracles d) pores

Answer c

Q33. The knee and elbow joints are examples of _____ joints.

- a) ball and socket b) pivot c) gliding d) hinge

Answer d

Q34. The _____ is the largest part of the brain which controls our sense organs.

- a) cerebellum b) cerebrum c) medulla oblongata d) brain stem

Answer b

Q35. The nerves which carry messages from different parts of the body to the brain are called _____ nerves.

- a) sensory b) motor c) mixed d) none of the above

Answer a

Q36. _____ diseases are spread through food, air, water etc. or by direct contact.

- a) communicable b) non-communicable c) genetic d) none of the above

Answer a

Q37. Which of the following diseases is caused by the deficiency of proteins ?

- a) Beri-beri b) Scurvy c) Rickets d) Kwashiorkor

Answer d

Q38. Goitre is caused by the deficiency of which mineral ?

- a) Iron b) Calcium c) Iodine d) Magnesium

Answer c

Q39. The process that involves heating of milk to a very high temperature and then cooling suddenly to make it last for a longer time is known as _____.

- a) sterilization b) salting c) drying d) pasteurisation

Answer d

Q40. Huge ships float in water due to the _____ force acting on it.

- a) gravitational b) magnetic c) buoyant d) none of the above

Answer c

Q41. Which of the following techniques are used in the purification process before supplying polluted river water to the households in towns and cities ?

- a) Chlorination b) Boiling c) Distillation d) None of the above

Answer a

Q42. Which of the following are causes of water pollution?

- a) Dumping sewage into rivers and seas
b) Use of insecticides and pesticides in the fields
c) Dumping industrial waste in the rivers
d) All of the above

Answer d

Q43. Air _____ helps us to drink juice through a straw.

- a) compression b) space c) pressure d) weight

Answer c

Q44. The ozone layer present in the atmosphere is depleting because of the release of chemicals known as _____ into the earth's atmosphere .

- a) Petrochemicals b) Green House Gases c) CFCs
d) None of the above

Answer c

Q45. The layer of the Earth's atmosphere where all the weather changes take place is known as _____.

- a) Stratosphere b) Troposphere c) Mesosphere d) Thermosphere

Answer b

Q46. Which of the following is not true about Force.

- a) Force is the push or pull on an object
b) Force can change the state of motion of an object.
c) Force cannot change the shape of an object.
d) Force can change the direction of motion of an object.

Answer c

Q47. The force that is exerted when two surfaces come in contact with each other is called _____.

- a) gravitational force b) muscular force c) non-contact force
d) friction

Answer d

Q48. A screw is an example of a simple machine. It is an _____ wound around a column.

a) wedge b) inclined plane c) lever d) none of the above

Answer b

Q49. Which of the following is a renewable source of energy ?

a) Geothermal energy b) Coal c) Petroleum d) Natural Gas

Answer a

Q50. The change in the state of matter of an object is a _____ change.

a) Chemical b) Physical c) Irreversible d) none of the above

Answer b

GENERAL KNOWLEDGE

Q51. Which of the following are true:

- a) The Earth's orbit is elliptical in shape.
- b) Planet Jupiter is surrounded by rings.
- c) Saturn is the red coloured planet.
- d) None of the above.

Answer a

Q52. Who discovered Penicillin ?

- a) Edward Jenner
- b) Alexander Fleming
- c) Louis Pasteur
- d) Karl Marx

Answer b

Q53. Who wrote the Indian National Anthem ?

- a) Sarojini Naidu
- d) Bankim Chandra Chatterjee
- c) Rabindranath Tagore
- d) Iqbal

Answer c

Q54. My Experiments With Truth' is the autobiography of _____.

- a) Mahatma Gandhi
- b) Jawahar Lal Nehru
- c) Subhash Chandra Bose
- d) Swami Vivekananda

Answer a

Q55. Who was the first president of United States ?

- a) Martin Luther King
- b) John F Kennedy
- c) Abraham Lincoln
- d) George Washington

Answer d

Q56. When the toxic gases emanating from factories combine with the moisture present in the air, they cause _____.

- a) Fog
- b) Frost
- c) Acid rain
- d) None of the above

Answer c

Q57. Which country is known as the 'Gift of the Nile'

- a) Israel
- b) Egypt
- c) Sudan
- d) Ethiopia

Answer b

Q58. What is a person who goes to another country to settle down there called ?

- a) Foreigner b) national c) Immigrant d) None of the above

Answer c

Q59. Complete the proverb - 'The pen is mightier than the _____'

- a) Bull b) Sword c) Pistol d) Champion

Answer b

Q60. Complete the proverb - 'Keep your friends close and your enemies _____'

- a) far b) away c) near d) closer

Answer d

Q61. The capital of Israel is _____.

- a) Jerusalem b) Tel Aviv c) Istanbul d) Amman

Answer b

Q62. The capital of Canada is _____.

- a) Ottawa b) Toronto c) Montreal d) Wellington

Answer a

Q63. What is an introduction to a book by an eminent personality called?

- a) critique b) postsript c) summary d) foreword

Answer d

Q64. Who was the first Indian to win an Olympic gold medal ?

- a) Milkha Singh b) Saina Nehwal c) Abhinav Bindra d) Gagan Narang

Answer c

Q65. Which famous freedom fighter and leader of Indian National Movement was also known as 'Frontier Gandhi'?

- a) Feroze Gandhi b) Khan Abdul Gaffar Khan c) Bal Gangadhar Tilak
d) None of the above

Answer b

Q66. Which company was founded by Steve Jobs?

- a) Microsoft b) Oracle c) IBM d) Apple

Answer d

Q67. With which sport is Durand Cup associated?

- a) Football b) Hockey c) Cricket d) Boxing

Answer a

Q68. Which are the biggest teeth in human beings which do not appear till we become adults ?

- a) Canines b) Premolars c) Molars d) Wisdom Teeth

Answer d

Q69. Who wrote War and Peace, a famous historical novel based in Russia ?

- a) Fyodor Dostoyevsky b) Leo Tolstoy c) Charles Dickens
d) None of the above

Answer b

Q70. Who is the first Indian Woman to win a medal in boxing in Olympics ?

- a) Pinki Jangra b) Kavita Chahal c) Mary Kom d) Kavita Goyat

Answer c

Q71. What is a book with a soft paper cover called?

- a) Paperback b) Softbound c) Hardbound d) None of the above

Answer a

Q72. _____ is the very famous brand of a dairy cooperative based in Anand, Gujarat which is owned jointly by 2.6 million milk producers.

- a) Jersey b) Amul c) Mother Dairy d) Lizzat

Answer b

Q73. Who is the founder of Facebook?

- a) Larry Page b) Mark Zuckerberg c) Sergey Brin d) Bill Gates

Answer b

Q74. A doctor who treats skin infections is a _____.

- a) Geriatrician b) Taxidermist c) Ophthalmologist d) Dermatologist

Answer d

Q75. Where does the Ganga river originate from?

- a) Siachin glacier b) Rudraprayag c) Gangotri glacier d) Haridwar

Answer c

MENTAL ABILITY

Q76. Which letter is at the 7th place from the right in the English alphabet?

- a) V b) U c) T d) S

Answer c

Q77. Which letter is exactly in the middle of the second half of the English alphabet?

- a) N b) T c) G d) S

Answer b

Q78. Find the odd one out:

- a) 6554 b) 7665 c) 9778 d) 2110

Answer c

Q79. Find the letter which will end the first word and start the second word

P L A N V E R Y

- a) K b) E c) D d) T

Answer b

Q80. If we put a number into a machine, a different output is obtained. If 5 goes in, 17 is obtained. If 12 is entered, 24 is obtained. If we enter 29

29 → → , the output will be

- a) 41 b) 35 c) 31 d) 39

Answer a

Q81. If $\heartsuit + \heartsuit + \heartsuit = 12$, $\Delta + \Delta + \Delta = 15$ and $\square + \square + \square + \square = 12$, then

$\heartsuit + \heartsuit + \Delta + \Delta + \square = ?$

- a) 21 b) 24 c) 20 d) 22

Answer a

Q82. If $D > C$, $B > C$ and $A > B$, then which of the following is definitely correct.

- a) $A > D$ b) $D > B$ c) $A > C$ d) Can't Say

Answer c

Q83. DF is to EC as NP is to _____?

- a) OM b) MO c) PQ d) OS

Answer a

Q84. PQ is to ST as GH is to _____?

- a) KL b) JK c) KJ d) KM

Answer b

Q85. Dog is to canine as Cat is to _____?

- a) Asinine b) whine c) feline d) supine

Answer c

Q86. Find the next pair of letters in the following series

CE, FD, IC, LB, _____

- a) MA b) PB c) NO d) OA

Answer d

Q87. XL is to XG as ZN is to ____.

- a) QA b) YJ c) DP d) ZI

Answer d

Q88. Find the next number in the series...

3.5 5.0 6.5 8.0 _____

- a) 9.0 b) 9.5 c) 8.5 d) 10.0

Answer b

Q89. If in a code, CHINA is coded as DIJOB, then BRAZIL will be coded as

- a) CSBAJM B) CBSZJN c) CBSLIN d) CTBAJN

Answer a

Q90. What is the least number of birds that are required to fly in this formation - three birds in front of a bird, three birds behind a bird and a bird between two birds.

- a) seven b) five c) four d) nine

Answer c

Q91. 45 is to 9 as 120 is to _____

- a) 60 b) 15 c) 12 d) 24

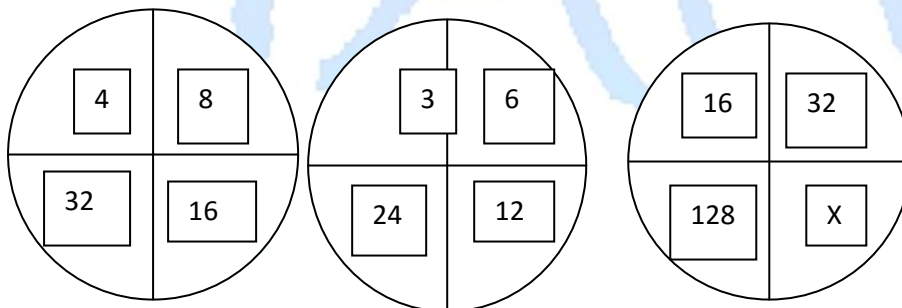
Answer d

Q92. If 26th February of 2012 was a Thursday, what day was 3rd March in the same year?

- a) Tuesday b) Wednesday c) Thursday d) Monday

Answer b

Q93. Find the missing number X in the following sequence



- a) 48 b) 12 c) 24 d) 64

Answer d

Q94. Which is the odd one out among the following:

- a) 4 x 6 b) 6 x 6 c) 8 x 3 d) 12 x 2

Answer b

Q95. Find the odd one out

- a) $\frac{12}{48}$ b) $\frac{15}{60}$ c) $\frac{19}{76}$ d) $\frac{21}{64}$

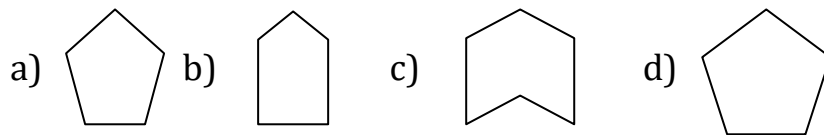
Answer d

Q96. Find the odd one out.

- a) 21 b) 23 c) 25 d) 27

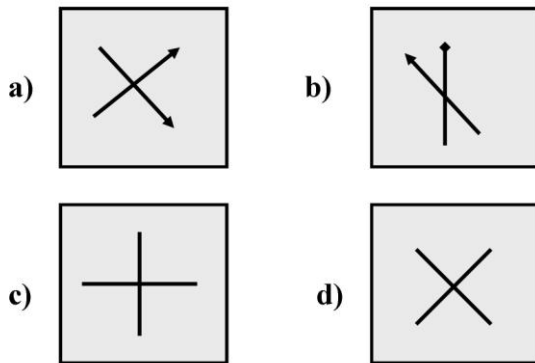
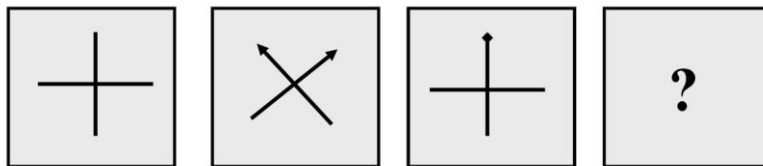
Answer b

Q97. Find the figure which is different from the others ?



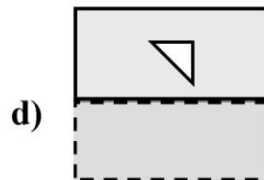
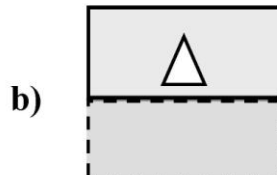
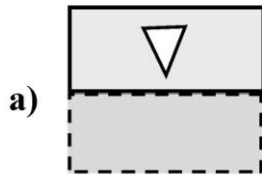
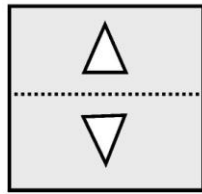
Answer c

Q98. Find the figure which will come next ?



Answer d

Q99. How will this paper look when folded along the dotted line.



Answer b

Q100. Find the missing number in the following series :

2 , 6 , 14 , 26

a) 50

b) 59

c) 42

d) 38

Answer c