



A.P.J. Abdul Kalam Welfare Society

All India Bright Student Award Test 2016

Class :V

Time:11 am to 1 p.m.

Mathematics

- 1) Find the least number which when divided by 9,18,24,15,30 and 42 will leave the remainder 1 in each case
a) 2521 b) 5221 c) 2512 d)2251
- 2) Find the least number when divided by 24,32, and 36 leaves the remainder 19,27,31 respectively?
a) 258 b) 453 c) 283 d)253
- 3) Find the greatest number that will exactly divide by 200 and 320
a)120 b) 60 c)30 d)40
- 4) Find the least number which is a perfect square and that contains 540 as a factor?
a) 3600 b) 4900 c) 8100 d) 625
- 5) The product of two nos. is 3624 and HCF is 24 find the LCM?
a) 48 b) 106 c) 126 d) 151
- 6) Find the greatest number that will divides by 72 and 120 and will leave the remainder 3 and 5 respectively?
a) 20 b)23 c)53 d)33
- 7) Find the number between 200 and 300 such that when they are divided by 6,8, and 9 leaves no remainder?
a) 221,293 b) 224,296 c) 221,122 d) 216,288
- 8) The lowest decimal number which is exactly divisible by .3, .006, .0024, .00081 is?
a) 0.24 b) 0.36 c) 0.18 d) None of these
- 9) The common highest factor of 1.284, 22.47, and 17.334 is?
a) 0.624 b) 0.321 c) 0.171 d) 0.212

10) Five bells first begin to toll together and then at intervals of 3,5,7 and 8 seconds. Find after what intervals they will toll together?

- a) 480 sec b) 14 mins c) 814 sec d) never

11) There are two electrical wires where one is 9m 60 cm long wire and other is 5m 12cm long wire, Find maximum length, that can be equally cut from each wire in such a way that the total length of each wire is exactly divisible by it?

- a) 46m b) 64 c) 49 d) 94

12) Among how many boys 175 breads and 105 ice creams can be equally divided?

- a) 105 b) 45 c) 49 d) 35

13) Find two nos that lie between 100 and 200 such that their HCF is 48?

- a) 144,129 b) 192,144 c) 219,140 d) 124,149

14) The HCF and LCM of two numbers are 21 and 4641 respectively if one of the number lie between 200 and 300 find out that numbers?

- a) 257 b) 237 c) 273 and 357 d) 253

15) Find the number of student among whom 1001 pens can be equally distributed?

- a) 7 b) 13 c) 91 d) a,b and c

16) In a division the divisor is 12 times the quotient and 5 times the remainder. If the remainder is 48 then the dividend is?

- a) 8484 b) 8448 c) 4848 d) 4884

17) Which of the following number is exactly divisible by 13?

- a) 10626 b) 11232 c) 106601 d) 211112

18) The smallest number of 5 digits, is divided by the greatest number of two digits, what would be the Quotient, some remainder will be there?

- a) 101 b) 110 c)100 d) cannot be determined

19) The divisor is 25 times the Quotient and 5 times the remainder. If the Quotient is 16 the dividends is?

- a) 12 b) 6400 c)6480 d)400

20) How many different divisors are there 224?

- a) 11 b)10 c)12 d)9

21) In a division problem divisor is $\frac{2}{3}$ of the dividend and 2 times the remainder. If the remainder is 5 then the dividend is?

- a) 13 b) 14 c) 15 d) 18

22) How many divisors are there for 484 excluding 1 and itself?

- a) 7 b) 9 c) 8 d) 6

23) A certain number when divided by 441 leaves the remainder 37, what is the remainder if it is divided by 21?

- a) 15 b) 37 c) 16 d) 18

24) How many numbers are there between 500 to 800 which are divisible by 11?

- a) 72 b) 45 c) 27 d) 37

25) Find the sum of first 30 odd counting numbers?

- a) 400 b) 800 c) 900 d) 750

26) How many numbers between 1 and 300 are divisible by 3 and 5 together?

- a) 20 b) 19 c) 18 d)

27) How many four digits numbers are there?

- a) 9999 b) 900 c) 9000 d) 1000

28) Two different numbers when divided by a same divisor, left remainder 11 and 21 respectively, and when their sum was divided by the same divisor, remainder was 4. What is the divisor?

- a) 36 b) 28 c) 17 d) 18

29) A number when divided by a divisor, left the remainder 19, when twice of the number was divided by the same divisor, remainder was 9 find the divisor?

- a) 19 b) 39 c) 29 d) 27

30) A number when successively divided by 2 and 3 leaves remainder 1 and 2 respectively. What is the remainder when the same number is divided by 6?

- a) 4 b) 5 c) 7 d) 3

31) How many digits are required to write numbers from 1 to 300?

- a) 792 b) 492 c) 592 d) 692

32) How many times does the sum of 450 and 150 contain their difference?

44) The number of tangents that can be drawn to a circle from an external point is

- a) 0 b) 1 c) 2 d) 4

45) The number of tangents that can be drawn to a circle from a point on it is

- a) 0 b) 1 c) 4 d) 5

46) The number of circles that can be drawn through three non- collinear points is

- a) 0 b) 1 c) 4 d) 5

47) The interior angle of regular hexagon is.....?

- a) 60° b) 120° c) 45° d) 135°

48) The area of a parallelogram is 60sq.cm . Its base is 10 cm, then the corresponding height is

- a) 6cm b) 3 cm c) 9 cm d) 10 cm

49) Angle in a semi arc is

- a) 45° b) 90° c) 180° d) 360°

50) In a right angled triangle the midpoint of hypotenuse is

- a) Incentre b) Circumcentre c) Orthocentre d) Centroid

Science

- 51) A bud on a potato is called
- a) Eye b) bulb c) node d) None
- 52) The air tubes are called
- a) Globules b) Trachea c) Air sacs d) Air holes
- 53) The _____ has store food that is used by the embryo to grow out the time of germination
- a) Monocotyledons b) Dicotyledons c) Cotyledons d) None
- 54) If all plants were to grow at the same place there would be
- a) Over population c) causes rain
- b) Overcrowding d) all
- 55) Most insects have _____ to crawl
- a) 4 legs b) 12 legs c) 6legs d) 8legs
- 56) Some birds like ostrich, rhea, and emu are called
- a) Strong peak b) the fast running bird c) flight less d) migrating birds
- 57) Animals like bears and chimpanzees can walk only on their
- a) Hind limbs b) fore limbs c) hind limbs d) A & B
- 58) The bones are hold together by strong by strong and flexible tissue called
- a) Ligaments b) Tibla c) Fibula d) None
- 59) The upper seven pairs of ribs are attached to the breath bone and are called
- a) Floating ribs b) True ribs c) False ribs d) None
- 60) The shoulder girdle comprises a pair of collar bones called the _____ and upper of shoulder blades are the _____
- a) Tibia and fibula b) radius and ulna c) Clavicle and scapula D) None
- 61) The lower leg is the part from the knee to the ankle. It has two bones the ____ & _____
- a) Radius and ulna b) Tibia and fibula c) Clavicle and scapula d) None
- 62) The joints that are movable contain a fluid that enables smooth movements. There are four types of _____
- a) Hinge joints b) movable joints c) Immoveable joints d) Ligaments
- 63) It fits into the _____ or the pelvic girdle with the help of a ball and socket joints
- a) Hinge joints b) movable joints c) Immoveable joints d) None
- 64) The muscles system consist of more than _____ muscles

- a) 620 b) 650 c) 206 d) 220
- 65) _____ pair of thin flat and bow shaped bones form rib cage
a) 10 b) 12 c) 14 d) 18
- 66) The hand is formed by _____ bones
a) 25 b) 27 c) 30 d) 32
- 67) _____ is the largest part of the brain making up almost 90% of it
a) Cerebellum b) Cerebrum c) Medulla d) Sensory nerve
- 68) Part of the eye where images are formed _____
a) Iris b) Pupil c) Retina d) Cornea
- 69) The outer part of the ear that is visible is called _____
a) Ear drum b) inner ear c) Pinna d) None
- 70) _____ help us to identify the taste of food items
a) Tongue b) Taste bud c) Nostrils d) A&B
- 71) The average weight of the brain
a) 1kg b) 1.5kg c) 1.36kg d) None
- 72) The longest nerve in the human body is the _____
a) Sensory nerves b) Motor nerves c) Sciatic nerves d) None
- 73) The longest bone in the human body is
a) Spinal cord b) Vertebral column c) Thy bone d) A & B
- 74) The eye has transparent circular covering called _____
a) Cornea b) Pupil c) Eye lens d) Retina
- 75) The reflex actions are controlled by the _____
a) Brain b) Legs c) Eye d) Spinal cord
- 76) The central nervous system consist of _____ & _____
a) Hand and leg b) Brain and spinal cord d) Spinal cord and leg d) Hand and brain
- 77) Part of the brain that helps in thinking and remembering
a) Cerebellum b) Medulla c) Cerebrum d) ALL
- 78) Bundles of long fibres _____
a) Nervus b) Motor nerve c) Brain d) Nerves
- 79) Which nerves are suggested as both motors and sensory in function
a) Fixed nerves b) Mixed nerves c) Combined nerves d) Both B&c

- 80) Number of taste buds present in our mouth
a) 2 b) 2+2 c) 4 d) Both B& C
- 81) Automatic and sudden actions that are uncontrolled is
a) Voluntary action b) Involuntary c) Reflex actions d) Both D & C
- 82) Which animal have powerful hearing sense
a) Human beings b) Snake c) Dogs d) Cat
- 83) _____ nerves connect the sense organs to the brain and the spinal cord
a) Motor nerves b) Sensory nerves c) Mixed nerves d) None
- 84) Name the parts of our environment
a) Land, air & water b) Human beings and animals c) Pollution d) ALL
- 85) Without _____ their would be no life
a) Water b) Air c) oxygen d) Nitrogen
- 86) _____ is very important for life on earth
a) Air b) Ozone layer c) Water d) A&C
- 87) Liquid pollutants from factories are known as _____
a) Population b) Pollution c) Effluents d) None
- 88) Biodegradable wastes are used to produce _____
a) Natural Gas b) Biogas c) Gas d) All of these
- 89). Diseases like typhoid, Cholera, Jaundice and diarrhea causes due to _____
a) Air b) Water c) Pollution d) a& b
- 90). Water is used to _____ the fields
a) irritate b) irrigate c) Plough d) None of these
- 91). Living things that clean the air
a) Human beings b) Plants and trees c) Animals d) All of these
- 92). Waste Vegetables is which type of wastes.
a) Non-biodegradable b) Biodegradable c) Vegetable Waste d) None of these
- 93). Which Harmful substances that cause pollution find out

a) Population b) Pollution c) Pollutants d) None of these

94). The _____ should be kept clean.

a) House b) Land c) Environment d) All of these

95). Fuel like _____ should be used for running vehicles.

a) OMG b) CNG c) LPG d) All of these

96). _____ and _____ should not be burned since they commit poisonous fuels.

a) Plastic and Rubber b) Steel and Plastic c) Wood and Rubber d) a & b

97). Even the water flowing out of the fields is polluted _____. Which make it and unfit for use.

a) Insecticides b) Pesticides c) Fertilizers d) All of these

98). Children have above _____ bones.

a) 206 b) 220 c) 380 d) 350

99). What kind of things emit more Pollution.

a) Cigarette b) Vehicles c) Trains d) None of these

100). The coldest layer of atmosphere

a) Exosphere b) Mesosphere c) Ionosphere d) Atmosphere