ATOMIC ENERGY CENTRAL SCHOOL – 2, MUMBAI
MULTIPLE CHOICE QUESTIONS TEST -1
CLASS VI:-   MATHS,SCIENCE AND SOCIAL SCIENCE
MAX. MARKS:- 60   TIME PERIOD:- 1 ½ HRS.

EACH OF THE 20 QUESTIONS CARRIES 1 MARK EACH:

MATHEMATICS

Q1. 1 million = _____ lakhs.
(a) 10   (b) 100   (c) 1000   (d) 10,000

Q2. The difference between the greatest number of 4-digit and the smallest number of 5-digit is _____
(a) 1   (b) 10   (c) 100   (d) 11

Q3. (Predecessor of 10000) – (Successor of 9998) = _____
(a) smallest whole number   (b) smallest natural number   (c) 9999   (d) none of these

Q4. 70060800 + 109003 is divisible by _____
(a) 7   (b) 3   (c) 9   (d) 11

Q5. A number is always divisible by 90, if _____
(a) it is divisible by both 2 and 45   (b) it is divisible by both 5 and 18
(c) it is divisible by both 9 and 10   (d) all of these

Q6. Identify the twin primes among the following:
(a) 3,5   (b) 9,11   (c) 17,21   (d) 13,15

Q7. 3 x (2+6) = _____
(a) 3 x 12   (b) 3 x 2 + 3 x 6   (c) 3 x 4   (d) 3 x 26

Q8. Every number is a _____ and a _____ of itself
(a) factor, multiple   (b) prime, composite   (c) even, odd   (d) none of these

Q9. Which of the following is a prime number?
(a) 143   (b) 131   (c) 147   (d) 161

Q10. Total number of primes between 16 to 18 and 90 to 100 is _____
(a) 20   (b) 18   (c) 17   (d) 16

Q11. The greatest natural number is _____
(a) one crore   (b) ten crore   (c) ten lakh   (d) undefined

Q12. The difference between the smallest and the greatest prime numbers between 9 and 40 is _____
(a) 26   (b) 28   (c) 25   (d) 27

Q13. Which of the following properties can be seen in 2 x 3 = 3 x 2?
(a) Commutative property   (b) Closure property
(c) Associative property   (d) None of these

Q14. Q14. Which of the following numbers is an even number?
(a) 4095   (b) 21083   (c) 31795012   (d) all of these

Q15. Two different natural numbers are such that their product is less than their sum. One of them must be _____
(a) 1   (b) 2   (c) 10   (d) none of these

Q16. Make greatest 6-digit number by using digit 0 once, digit 3 twice, and digit 6 thrice.
(a) 636630   (b) 603663   (c) 666330   (d) 603636

Q17. Insert comma suitably in 67810138 by using International System
(a) 67,810,138   (b) 67,81,01,38   (c) 6,78,10,138   (d) 678,10,138

Q18. _____ is the only whole number which is not a natural number
(a) 0   (b) 1   (c) 2   (d) 3

Q19. What are the numbers which have more than two factors called_____
(a) even numbers   (b) prime numbers   (c) composite numbers   (d) odd numbers

Q20._____ is the smallest prime number which is even.
(a) 2   (b) 4   (c) 3   (d) 1

SCIENCE

21. Body building foods that are necessary for growth and repair of the body are:
a. Fats   b. Proteins   c. Carbohydrates   d. Glucose

22. Which one of the following food items does not provide dietary fibre?
a. Whole grains   b. Whole pulses   c. Fruits and vegetables   d. Milk

23. Which of the following sources of protein is different from others?
a. Peas   b. Gram   c. Soyabeans   d. Paneer

24. Read the food items given below.
i. Wheat ii. Ghee iii. Iodised salt iv. Spinach (Palak)

Which of the above food items are energy giving foods?
a. i and iv   b. ii and iv   c. i and ii   d. iii and iv

25. Which vitamin deficiency causes rickets?
a. Vitamin A   b. Vitamin B   c. Vitamin C   d. Vitamin D

26. Deficiency of vitamin A causes
a. Night blindness   b. Beri-Beri   c. Scurvy   d. Rickets

27. Which of the following nutrients is not present in milk?
a. Protein   b. Vitamin C   c. Calcium   d. Vitamin D

28. Read the following statements about diseases:
i. They are caused by germs.
ii. They are caused due to lack of nutrients in our diet.
iii. They can be passed on to another person through contact.
iv. They can be prevented by taking a balanced diet.
Which pair of statements best describes a deficiency disease?
a. i and ii   b. ii and iii   c. ii and iv   d. i and iii

29. Given below are the steps to test the presence of proteins in a food item:
i. Take a small quantity of the food item in a test tube, add 10 drops of water to it and shake it.
ii. Make a paste or powder of food to be tested.
iii. Add 10 drops of caustic soda solution to the test tube and shake well.
iv. Add 2 drops of copper sulphate solution to it.
Which of the following is the correct sequence of the steps?
a. i, ii, iv, iii   b. ii, i, iv, iii   c. ii, i, iii, iv   d. iv, ii, i, iii

30. The energy-providing nutrients are:
a. Carbohydrates   b. Fats   c. both Carbohydrates and fats   d. Proteins

31. Which of the following vitamins gets destroyed by heat during cooking?
a. Vitamin A   b. Vitamin B   c. Vitamin C   d. Vitamin D

32. Amla is the richest source of:
a. Vitamin A   b. Vitamin B   c. Vitamin C   d. Vitamin D

33. The colour of the starch when treated with iodine solution becomes:
a. Blue-black   b. Red   c. Yellow   d. No change

34. Which of the following minerals is present in haemoglobin?
a. Calcium   b. Iron   c. Iodine   d. Sodium

35. Pick one material from the following which is not soluble in water.
a. Sugar   b. Salt   c. Oil   d. All of these

36. Select a substance that will float on water.
a. Mud   b. Cotton   c. Metal spoon   d. Stone

37. You are provided with the following materials :
i. Magnifying glass ii. Mirror iii. Stainless steel plate iv. Glass tumbler
   Which of the above materials will you identify as transparent ?
   a. i. and ii.   b. i. and iii.   c. i. and iv.   d. iii. and iv.

38. Boojho found a bag containing the following materials
i. Mirror ii. Paper stained with oil iii.Magnet iv. Glass spectacles

   Help Boojho in finding out the materials which is/are opaque.
   a. i. only   b. iv. only   c. i. and iii.   d. ii. and iv.

39. While doing an activity in class, the teacher asked Paheli to handover a translucent material. Which among the following materials will Paheli pick and give her teacher?
a. Glass tumbler   b. Mirror   c. Muslin cloth   d. Aluminium foil

40. Which of the following materials is hard ?
a. Butter   b. Pastry   c. Iron nail   d. Sponge

SOCIAL SCIENCE

41. How is the sky filled with after sunset and in the night?
   (a) Bright objects   (b) Dim objects   (c) Both (a) and (b)   (d) None of these

42. What is the name given to the full moon night?
   (a) Amavasya   (b) Poornima   (c) Both (a) and (b)   (d) None of these

43. What are celestial bodies?
   (a) The sun   (b) The moon   (c) All the shining bodies in the sky   (d) All of these

44. The celestial bodies which have their own heat and light are called
   (a) planets   (b) stars   (c) satellites   (d) all of these

45. Which is the most recognisable constellation?
   (a) The saptarishi   (b) The moon   (c) The sun   (d) The mars

46. The star which indicates the north is called
   (a) pole star   (b) pole   (c) north pole   (d) south pole

47. The celestial bodies which do not have their own heat and light but are lit by the light of the stars are named as
   (a) stars   (b) planets   (c) both (a) and (b)   (d) none of these

48. Which celestial bodies form the solar system?
   (a) The sun   (b) The planets   (c) The satellites, asteroids and meteoroids (d) All of the above

49. All the planets move around the sun in fixed elliptical path, these paths are called
   (a) axis   (b) orbit   (c) both (a) and (b)   (d) none of these

50. The earth is called a blue planet because of the presence of
   (a) water   (b) blue colour   (c) brown colour   (d) red colour

51. Asteroids are found between the orbits of Jupiter and
   (a) Mars   (b) Earth   (c) Venus   (d) Neptune

52. Meteoroids are made up of
   (a) dust   (b) pieces of rocks   (c) gases   (d) none of these

53. What is called a cluster of millions of stars, shining white in the starry sky?
    (a) Stars   (b) Planets   (c) Milky Way galaxy   (d) Satellites

54. What is a globe?
    (a) Earth   (b) True model of the earth   (c) Both (a) and (b)   (d) None of these

55. What divides the earth into two equal parts? The northern hemisphere and the southern hemisphere?
    (a) Tropic of Capricorn   (b) Tropic of Cancer   (c) Equator   (d) Arctic Circle

56. Between which parallels of latitudes is the Torrid Zone situated?
    (a) Tropic of Cancer and Tropic of Capricorn   (b) Tropic of Cancer and Arctic Circle
    (c) Tropic of Capricorn and Antarctic Circle   (d) None of these

57. Which of the following zone is situated between 66°30′ S and poles?
    (a) Torrid Zone   (b) Temperate Zone   (c) Frigid Zone   (d) All of these

58. What divides the earth into the eastern and the western hemispheres?
    (a) Equator   (b) Prime Meridian   (c) 82° 30′ E   (d) None of these

59. Which place is located at the intersection of 26° N and 90° E?
    (a) Dhubri   (b) Mauritius   (c) Tonga   (d) Meerut

60. What time does earth take, rotating from one degree longitude to next longitude?
    (a) 4 minutes   (b) 15 minutes   (c) 10 minutes   (d) None of these