

ATOMIC ENERGY CENTRAL SCHOOL No. 4 (RAWATBHATA)

Multiple Choice Question Test (APRIL - MAY) (2019-20)

MM: 100

Class – VII (Maths, Science, Social Science)

Time: 90 Minutes

- 1 Madhur is standing in the middle of a bridge which is 20 m above the water level of a river. If a 35 m deep river is flowing under the bridge, then the vertical distance between the foot of Madhur and bottom level of the river is:
A) 55m B) 35m C) 20m D) 15m
- 2 $[(-10) \times (+9)] + (-10)$ is equal to
A) 100 B) -100 C) -80 D) 80
- 3 $-16 \div [8 \div (-2)]$ is equal to
A) -1 B) 1 C) 4 D) -4
- 4 $(-25) \times 30 = -30 \times \underline{\hspace{2cm}}$.
A) 30 B) -30 C) 25 D) -25
- 5 $75 \div \underline{\hspace{2cm}} = -75$
A) -75 B) 75 C) 1 D) -1
- 6 $(-5) \times (-7)$ is same as $(-7) \times (-5)$
A) TRUE B) FALSE C) -35 D) TRUE & FALSE Both
- 7 Find the odd one out of the four options in the following:
A) (-2, 24) B) (-3, 10) C) (-4, 12) D) (-6, 8)
- 8 Find the odd one out of the four options given below:
A) (-3, -6) B) (+1, -10) C) (-2, -7) D) (-4, -9)
- 9 A pair of integers whose sum is zero (0) but difference is 10.
A) (-5,5) B) (-3,7) C) (7,-3) D) (-3,-7)
- 10 Write two integers which are smaller than -3, but their difference is greater than -3.
A) (1, 2) B) (-2, 1) C) (2, -1) D) (-5, -4)
- 11 Write a pair of integers whose product is -15 and whose difference is 8.
A) (-5, 3) B) (10,2) C) (4, -12) D) (-5, -3)
- 12 If $\square\square$ is an operation such that for integers a and b we have $a \square\square b = a \times a + b \times b - a \times b$, then find $(-3) \square\square 2$.
A) 19 B) -19 C) 18 D) -18
- 13 In an objective type test containing 25 questions. A student is to be awarded +5 marks for every correct answer, -5 for every incorrect answer and zero for not writing any answer. Mention the ways of scoring 110 marks by a student.
A) -110 B) +110 C) -55 D) +55
- 14 When the integers -5, 5, 10, 0, -7, are arranged in descending or ascending order, then find out which of the following integers always remains in the middle of the arrangement.
A) 0 B) 5 C) -7 D) -5
- 15 Next three consecutive numbers in the pattern 11, 8, 5, 2, --, --, -- are

- A) 0, - 3, - 6 B) -1, - 5, - 8 C) - 2, - 5, - 8 D) - 1, - 4, - 7
- 16 The next number in the pattern $- 62, - 37, - 12$ _____ is
 A) - 25 B) 13 C) 0 D) - 13
- 17 Which of the following statements is not true?
 (a) When two positive integers are added, we always get a positive integer.
 (b) When two negative integers are added we always get a negative integer.
 (c) When a positive integer and a negative integer is added we always get a negative integer.
 (d) Additive inverse of an integer 2 is $(- 2)$ and additive inverse of $(- 2)$ is 2.
 A) B) C) D)
- 18 On the number line, the value of $(-3) \times 3$ lies on right hand side of
 A) - 10 B) - 4 C) 0 D) 9
- 19 The value of $5 \div (-1)$ does not lie between
 A) 0 and - 10 B) 0 and 10 C) - 4 and - 15 D) - 6 and 6
- 20 Water level in a well was 20m below ground level. During rainy season, rain water collected in different water tanks was drained into the well and the water level rises 5 m above the previous level.
 The wall of the well is 1m 20 cm high and a pulley is fixed at a height of 80 cm. Raghu wants to draw water from the well.
 The minimum length of the rope that he can use is
 A) 17m B) 18m C) 96m D) 97m
- 21 $(- 11) \times 7$ is not equal to
 A) $11 \times (- 7)$ B) $-(11 \times 7)$ C) $(- 11) \times (- 7)$ D) $7 \times (- 11)$
- 22 $(- 10) \times (- 5) + (- 7)$ is equal to
 A) - 57 B) 57 C) - 43 D) 43
- 23 Which of the following is not the additive inverse of a ?
 A) $- (- a)$ B) $a \times (- 1)$ C) $- a$ D) $a \div (- 1)$
- 24 Which of the following is the multiplicative identity for an integer a ?
 A) a B) 1 C) 0 D) - 1
- 25 $[(- 8) \times (- 3)] \times (- 4)$ is not equal to
 A) $(- 8) \times [(- 3) \times (- 4)]$ B) $[(- 8) \times (- 4)] \times (- 3)$ C) $[(- 3) \times (- 8)] \times (- 4)$ D) $(- 8) \times (- 3) - (- 8) \times (- 4)$
- 26 $(- 25) \times [6 + 4]$ is not same as
 A) $(- 25) \times 10$ B) $(- 25) \times 6 + (- 25) \times 4$ C) $(- 25) \times 6 \times 4$ D) - 250
- 27 $- 35 \times 107$ is not same as
 A) $- 35 \times (100 + 7)$ B) $(- 35) \times 7 + (- 35) \times 100$ C) $- 35 \times 7 + 100$ D) $(- 30 - 5) \times 107$
- 28 $(- 43) \times (- 99) + 43$ is equal to
 A) 4300 B) - 4300 C) 4257 D) - 4214
- 29 $(- 16) \div 4$ is not same as
 A) $(- 4) \div 16$ B) $-(16 \div 4)$ C) $16 \div (- 4)$ D) - 4
- 30 Which of the following does not represent an integer?

- 31 Which of the following is different from the others?
 A) $0 \div (-7)$ B) $20 \div (-4)$ C) $(-9) \div 3$ D) $(-12) \div 5$
- 32 Which of the following shows the maximum rise in temperature?
 A) 23^0 to 32^0 B) -10^0 to $+1^0$ C) -18^0 to -11^0 D) -5^0 to 5^0
- 33 If a and b are two integers, then which of the following may not be an integer?
 A) $a + b$ B) $a - b$ C) $a \times b$ D) $a \div b$
- 34 For a non-zero integer a which of the following is not defined?
 A) $a \div 0$ B) $0 \div a$ C) $a \div 1$ D) $1 \div a$
- 35 Leaves other than green
 A) Don't have chlorophyll B) Don't have stomata C) Have other pigment in large quantity D) Cannot perform photosynthesis
- 36 The product of photosynthesis is
 A) Protein B) Glucose C) Carbon dioxide D) Water
- 37 Which part of cactus is involved in photosynthesis?
 A) Stem B) Leaf C) Root D) Flower
- 38 Which of the following organ contain digestive juice?
 A) Small intestine B) Liver C) Stomach D) Oesophagus
- 39 Bile juice is stored in which organ?
 A) Pancreas B) Gall bladder C) Liver D) Stomach
- 40 Numbers of chambers in a cow's stomach are?
 A) 2 B) 1 C) 4 D) None of these
- 41 Which one is an insectivorous plant?
 A) Lichen B) Venus fly-trap C) Mushroom D) Yeast
- 42 Two different organisms living together and both benefiting from each other are known as:
 A) Saprophytic B) Symbiotic C) Parasitic D) Heterotrophic
- 43 The green pigment in the leaves is:
 A) Chlorophyll B) Anthocyanin C) Protoplast D) Non of These
- 44 The substance from which an organisms derives energy and materials for growth and maintenance is called:
 A) Nutrition B) Consumption C) Food D) All of these
- 45 The process of taking of consuming and utilizing food is called:
 A) Nutrition B) Life-process C) Both (a) & (b) D) None of these
- 46 Algal component of lichen is autotrophic. It provides food material to the fungal component but in return:
 A) In return, the fungus provides shelter, water and minerals. B) In return the lichen provides shelter, water and minerals to the algae. C) Both (a) & (b) D) None of these
- 47 The outer boundary of every cell is called
 A) Nucleus B) Cytoplasm C) Cell membrane D) None of these

- 48 Which of the following is an edible fungus?
A) Yeast B) Mushroom C) Bread mould D) Both (a) & (b)
- 49 Which of the following is not a leguminous plant?
A) Gram B) Peas C) Moong D) Rice
- 50 Which of the following is not a component of carbohydrates?
A) Carbon B) Nitrogen C) Hydrogen D) Oxygen
- 51 For performing starch test on a leaf, it is boiled in alcohol because-
A) Alcohol is lighter than water B) Chlorophyll is soluble in alcohol C) Alcohol is easily available D) Alcohol don't harm leaf
- 52 The digestive juices in pitcher plant is secreted in
A) Lid B) Rim of pitcher C) Inside pitcher D) In stem
- 53 Which of the following is an example of partial parasite plant?
A) Cuscuta B) Mistle-toe C) Both (a) & (b) D) None of these
- 54 Which of the following is not true about guard cells of stomata?
A) These are bean-shaped B) They regulate opening & closing of stomata C) They surround the stomatal opening D) None of these
- 55 The food prepared by the plant is stored in _____ as _____
A) Stem, glucose B) Leaves, glucose C) Leaves, starch D) Flower, fructose
- 56 Animal nutrition includes
A) Nutrient requirement B) Mode of feeding C) Utilization of food by body D) All of these
- 57 Proteins when passes through alimentary canal, breaks down to form amino acids and it occur in step called
A) egestion B) Absorption C) Assimilation D) Digestion
- 58 What is the location of pancreas in human body?
A) Above stomach B) Below small intestine C) Below stomach D) Below liver
- 59 Milk teeth generally fall off at the age between
A) 11-12yrs B) 17-19yrs C) 6-8yrs D) 14-15yrs
- 60 Which of the following ingests its food directly in to its stomach?
A) Star fish B) Amoeba C) Rabbit D) Euglena
- 61 Hydrochloric acid secreted in our stomach helps in
A) Digestion of food B) Killing of bacteria C) Both of A & B D) None of these
- 62 Absorption of water from undigested food occur in
A) Stomach B) Small intestine C) Large intestine D) Oesophagus
- 63 The total number of incisors, canines, premolars and molars are-
A) 4,8,12,8 B) 8,4,8,12 C) 12,8,8,4 D) 4,12,8,8
- 64 The working of the stomach was discovered by
A) Aristotle B) Leuwenhoek C) William beaumont D) E. Haeckel

- 65 Mode of feeding in housefly is
 A) scraping B) brewing C) sucking D) chewing
- 66 The meaning of the word pseudopodia is
 A) long legs B) false feet C) bowed legs D) weak legs
- 67 The longest part of alimentary canal is
 A) oesophagus B) small intestine C) large intestine D) rectum
- 68 Maps are drawn by which of the following?
 A) painter B) sailors C) cartographer D) historians
- 69 From which region did Al-Adrisi belong?
 A) Arab B) Franch C) Germany D) Sri Lanka
- 70 The term Hindustan was used firstly by which of the following ?
 A) Al-Idrisi B) Minhaj-i-siraj C) Amir Khusrau D) Babur
- 71 Archive was a place where ----- were kept for future references.
 A) coins B) grains C) manuscripts D) books
- 72 Ziyauddin Barani was a chronicler of which century?
 A) 15th B) 14th C) 18th D) 17th
- 73 Pan –regional means.
 A) One regional unit B) Spanning single region C) Spanning divers regions D) None of these
- 74 Rule of Ghyasuddin balban is .
 A) 14th B) 13th C) 12th D) 16th
- 75 Through the period of 700 to 1750 which of the following became cheaper?
 A) paper B) grains C) potatoes D) clothes
- 76 In which century british historians divided the history of india in to three periods. Hindu, muslim ,and british
 A) 18th century B) 17th century C) 16th century D) 19th century
- 77 When did the mughal empire decline?
 A) 18th century B) 19th century C) 20th century D) 17th century
- 78 In which period the number and variety of textual records increased dramatically?
 A) 600to700 B) 700to800 C) 800to1200 D) 700to1750
- 79 Name the dynasties which was able to build a pan regional empire.
 A) Cholas B) Mughals C) Khalijis D) All of these
- 80 The world environment day is celebrated on .
 A) 5th June B) 5th July C) 5th January D) 5th December
- 81 Which one of these made communication easier and speedy across the world ?
 A) Glorious revolution B) Green revolution C) French revolution D) Information Revolution
- 82 Which one is a constituent of atmosphere?
 A) Gas B) land C) water D) cloud

- 83 Which of the following is human made component of environment?
 A) water B) land C) building D) air
- 84 Which force of the earth holds the atmosphere around it?
 A) Gravitational force B) Pulling force C) Pushing force D) Nuclear force
- 85 Which of the following domains is held up by the gravitational forces?
 A) hydrosphere B) lithosphere C) atmosphere D) biosphere
- 86 Which of the following domains is a source of mineral wealth?
 A) biosphere B) hydrosphere C) lithosphere D) atmosphere
- 87 The term environment is derived from which of the following language?
 A) Greek B) German C) French D) English
- 88 Kanta borrowed money from her employer because
 A) She was not well B) Her daughter was not well C) She attend marriage D) None of these
- 89 Joothan is written by
 A) Mahatma Gandhi B) BR Ambedkar C) Om Prakash Valmiki D) None of these
- 90 Mid day meal was firstly introduced in
 A) Kerala B) Rajasthan C) Tamil Nadu D) None of these
- 91 The most advantaged community of people are
 A) Rich businessman B) Domestic workers C) ST D) SC
- 92 When persons are treated unequally their
 A) Status is violated B) Freedom is violated C) Dignity violated D) None of these
- 93 When was the mid day meal scheme introduced for the first time?
 A) 2001 B) 2002 C) 2000 D) 2005
- 94 African American are discriminated against in
 A) Africa B) South America C) The USA D) None of these
- 95 When Dandi Civil Rights movement started?
 A) 1st December 1955 B) 1st December 1956 C) 1st December 1964 D) 1st November 1955
- 96 The civil rights ACT was passed in
 A) 1955 B) 1964 C) 1946 D) 1965
- 97 Om Prakash Valmiki was forced to
 A) study B) Sweep the school C) Bring glass of water D) None of these
- 98 What is vetti
 A) revenue B) rent C) tax D) gold
- 99 Nagabhata was a
 A) Chola ruler B) Pratihara King C) Malava king D) None of these
- 100 Which dynasty ruled China for about 300
 A) TANG B) Shang C) Xian D) None of these

ANSWER KEY

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Multiple Choice Question (MCQ) Test (2019-20)

Month – **APRIL + MAY**

Class - 7th (Mathematics)

1	2	3	4	5	6	7	8	9	10
A	B	C	C	D	A	B	D	A	D
11	12	13	14	15	16	17	18	19	20
A	A	B	A	D	A	C	A	B	A
21	22	23	24	25	26	27	28	29	30
C	D	A	B	D	C	C	A	A	D
31	32	33	34	35	36	37	38	39	40
C	B	D	A	C	B	A	C	B	C
41	42	43	44	45	46	47	48	49	50
B	B	A	C	A	A	C	D	D	B
51	52	53	54	55	56	57	58	59	60
B	C	B	D	C	D	D	C	C	A
61	62	63	64	65	66	67	68	69	70
C	C	B	C	B	B	B	C	A	B
71	72	73	74	75	76	77	78	79	80
C	B	D	B	A	D	A	D	D	A
81	82	83	84	85	86	87	87	89	90
D	A	C	A	A	C	C	C	D	C
91	92	93	94	95	96	97	98	99	100
C	A	C	A	C	A	A	B	B	A
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120