ATOMIC ENERGY CENTRAL SCHOOL NO. 2, MUMBAI

MULTIPLE CHOICE QUESTION EXAMINATION - 5 (30.11.2023)

Time Allowed: 3 hours CLASS: VI Maximum Marks: 120

	Attempt all questions	
1	. Which of the following fractions is the greatest?	$\overline{}$ 1
	a) $\frac{5}{8}$ b) $\frac{5}{7}$ c) $\frac{5}{9}$ d) $\frac{5}{6}$	
2	What fraction of an hour is 50 minutes?	1
	a) $\frac{1}{3}$ b) $\frac{1}{2}$ c) $\frac{5}{6}$ d) $\frac{1}{4}$	
3	Simplify: 78 - $\left(\frac{7}{9} + \frac{1}{2} + \frac{3}{2}\right)$	
	a) $75\frac{2}{9}$ b) $75\frac{3}{18}$ c) $75\frac{5}{18}$ d) $71\frac{7}{18}$	
4	If $n + \frac{2}{3}n + \frac{1}{2}n + \frac{1}{7}n = 97$, then the value of n is -	1
	a) 40 b) 46 c) 44 d) 42	
5	Find the greatest fraction from the options given below.	1
	a) $\frac{5}{7}$ b) $\frac{9}{11}$ c) $\frac{11}{13}$ d) $\frac{3}{5}$	
6	If the numerator and the denominator of a proper fraction are increased by the same quantity, then the resulting fraction is ———————————————————————————————————	1
7	Fill in the missing fraction: $\left[-\frac{3}{6} = \frac{3}{6} \right]$	

	a) $\frac{6}{6}$ b) $\frac{2}{6}$ c) Both 1 and $\frac{6}{6}$ d) 1	
8	Which one of the following is the equivalent fraction of $\frac{3}{7}$	1
	a) $\frac{38}{24}$ b) $\frac{28}{49}$ c) $\frac{18}{42}$ d) $\frac{15}{21}$	
9	The simplest form of $\frac{15}{75}$ is	1
	a) $\frac{1}{2}$ b) $\frac{1}{5}$ c) $\frac{2}{9}$ d) $\frac{1}{6}$	
10	$\frac{2}{5}$ $\frac{2}{9}$.	1
	$ a\rangle$ b) = c) < d) None of these	
11	The product of two proper fractions is	1
	a) more than each of the two fractions	
	b) less than each of the two fractions	
	c) more than one	
	d) not less than one	
12	0.7499 lies between	1
	a) 0.749 and 0.75 b) 0.75 and 0.79	
	c) 0.74992 and 0.75 d) 0.7 and 0.74	
13	1mm =	1
	a) 0.01 cm b) 0.001 cm c) 1.0 cm d) 0.1 cm	
14	Among 3.6, 3.006, 3.66 and 3.08, the largest number is	1
	a) 3.006 b) 3.08 c) 3.6 d) 3.66	
15	Add 412.5 to 38.07 and subtract it from the sum of 712.05 and 125.15.	1
	a) 386.63 b) 18.641 c) 18.427 d) 17.920	

16	32.549 > 32.458 because:	1
	a) The tenth part is more	
	b) Whole parts of both numbers are equal	
	c) Hundredth is more	
	d) Thousandth is more	
17	A decimal number is 7.35 more than another decimal number. Find the number if sum of both the decimal numbers is 45.68.	$\frac{1}{1}$
	a) 12.345 and 32.345 b) 19.165 and 26.515	
	c) 11.654 and 33.238 d) 23.453 and 17.452	
18	Simplify: [{(0.67 + 0.007 - 0.034) + 45} - 0.68+ 97	$\frac{1}{1}$
	a) 151.376 b) 141.963 c) 145.894 d) 167.543	
19	What must be added to 89.191 to get the smallest 3 - digit number?	1
	a) 10.809 b) 15.120 c) 10.750 d) 20.127	
20	8888 m in Km can be written as	1
	a) 8.888 km b) 888.08 km c) 88.88 km d) 888.8 km	
21	The value of 9.12 - 5.01 is	1
	a) 7.11 b) 3.11 c) 5.11 d) 4.11	
22	What should be subtracted from 45.68 to get 23.45?	1
	a) 22.45 b) 22.56 c) 22.23 d) 22.34	
23	Which of the following is greater?	1
	(A)1.9 (B)1.09 (C) 0.19 (D)1.009	
	a) (B) b) (D) c) (C) d) (A)	
24	Using tally marks which one of the following represents the number five?	

	a) NI b) NI c) 1111 d)	
25	can be grouped and presented systematically through grouped frequency distribution.	1
	a) Observation b) Interval c) Raw data d) frequency	
26	Tally marks are used to find:	1
	a) upper limit b) frequency c) class intervals d) range	
27	Which type of data can be represented by histogram?	1
	a) Continuous data b) Grouped data	
	c) Ungrouped data d) None of these	
28	can be 'grouped' and presented systematically through 'grouped frequency distribution'.	1
	a) Observation b) Raw data c) Interval d) None of these	
29	What will be the cost of tilting a rectangular plot of area 800 sq. m, if the cost of tilting 100 sq. m is ₹ .6?	1
	a) ≥ 36 b) ≥ 54 c) ≥ 60 d) ≥ 48	
30	If the side of a square be increased by 50%, then the percent increase in area is	1
	a) 100 b) 150 c) 50 d) 125	
31	Find the perimeter of a rectangle whose length is 4 cm and breadth is 3 cm.	
	a) 8 cm b) 14 cm c) 12 cm d) 10 cm	
32	The perimeter of a regular hexagon of side 4 cm will be	1
	a) 28 cm b) 24 cm c) 30 cm d) 20 cm	
33	How long will it take for a boy to run around a square field of area 25 hectares at 10 km per hour?	

	a) 12 min b) 14 min	
	c) 16 min d) 18 min	
34	An athletic track 14 m wide consists of two straight sections 130 m long joining semicircular ends whose inner radius in 3.5 m.	1
	The area of the shaded region is:	
	a) 5566.04 m ² b) 55505 m ² c) 99909 m ² d) 4564 m ²	
35	The perimeter of a rectangular sheet is 100 cm. If the length is 35 cm, find its breadth.	1
	a) 25 cm b) 10 cm c) 15 cm d) 20 cm	
36	A rectangular cement patio is 10 meters long and 8 meters wide. What is its area?	1
	a) 16m^2 b) 80m^2 c) 32m^2 d) 40m^2	
37	The length of diagonal of a square whose area is 16900 m ² is	1
	a) $130\sqrt{2}$ m b) 144 m c) 130 m d) 169cm	
38	Find the area in a square metre of a piece of cloth 1m 25 cm wide and 2 m long.	1
	a) 1.5 square m b) 4.5 square m c) 2.5 square m d) 3.5 square m	
39	The figure ABCD is a quadrilateral, in which AB = CD and BC = AD. Its area is	1
	a) 18cm^2 b) 36cm^2 c) 72 cm^2 d) 24cm^2	
40	Area of the field shown in the figure given below is:	1

i		_
	A 4cm G 4cm E F 4cm D	
	a) 68 cm ² b) 72 cm ² c) 70 cm ² d) 75 cm ²	
41	In ancient India, small length was measured by	1
	a) Yard and meter b) Foot and yard	
	c) Cubit and yard d) Angul and mutthi	
42	What kind of motion a bullet shows when fired from a gun?	1
	a) Translatory motion b) Linear motion	
	c) Random motion d) Non - periodic motion	
43	In 1790, French created a standard unit of measurement called	1
	a) Naino system b) Metric system	
	c) International standard system d) Modern system	
44	What is the SI unit for measurement of length?	1
	a) Meter b) Centimeter c) Kilometer d) Feet	
45	Which device should a tailor use to measure the length of cloth?	1
	a) Measuring tape b) Scale c) Measuring rod d) String	
46	Long time ago, people use to moves only on foot and carry good	1
	a) On bus b) On back and animals	
	c) On train d) On bullock cart	
47	Which of the following unit is convenient to measure large distance?	1

	a) Acre b) Kilometer c) Meter d) Hectare	
48	The movement of earth around the sun is an example of	1
	a) Oscillatory motion b) Curvilinear Motion	
	c) Translatory motion d) Periodic motion	
49	What type of motion is executed a pendulum of a wall clock?	1
	a) Oscillatory motion b) Vibratory motion	
	c) Circular motion d) Linear motion	
50	One metre is equal tomillimetre	1
	a) 10 b) 1000 c) 100 d) 10000	
51	When a body does not change its position with time with respect	1
	to surrounding the body is said to be in state of	
	a) Speed b) Velocity c) Motion d) Rest	
52	The length of the outstretched arms is called	1
	a) finger (b) cubit (c) fathom (d) pace	
53	Which one is not a/ an ancient unit of measurement?	1
	a) Meter b) Fathom c) Cubit d) Feet	
54	What do we use to measure curved length?	1
	a) thread (b) wood (c) sand (d) paper	
55	The distance of an object from one end to another end is called	1
	a) length b) cubit c) pace d) metre	
56	Height of a boy is 1.65 m. Its height in cm is	1
	a) 16.50 cm b) 16.05 cm c) 155 cm d) 165 cm	
57	Distance between two places is 2550 m. This distance is kilometer is	1
	a) 25.50 km b) 255.0 km c) 2.550 km d) 0.255 km	

58	When the motion of the object is not along a fixed path with changing direction	1
	a) Periodic motion b) Oscillatory motion	
	c) Random motion d) Circular motion	
59	Comparison of unknown quantity with known quantity is called	1
	a) Measurement b) Motion c) Displacement d) Distance	
60	Standard unit is necessary for	1
	a) Selling and buying b) Having equal value	
	c) Uniformity in measurement d) Maintaining the record	
61	Bouncing back of light from shining surface is called	1
	a) Reflection b) Refraction c)Bending (d) dispersion	
62	Which device is used to see the image of the sun?	1
	a) Plane mirror (b)pinhole camera	
	(c) a straight pipe (d)glass slab	
63	The object which does not have light of its own is	1
	a)shining mirror b)light bulb	
	c) star d)lighted matchbox	
64	A mirror is an example of	1
	a) transparent object (b) opaque object	
	(c) translucent object (d) none of these	
65	To see solar eclipse, we should use	1
	a) Sun glasses b) Eclipse glasses c)X- ray sheet d) Concave lens	
66	Which of the following are non - luminous bodies?	1
	(i)A planet(ii)A star(iii)A metal strip(iv)A burning candle	

	a) Only (i) and (iii)	b) Only (ii) and (iii)	
	c) Only (i) and (ii)	d) Only (ii) and (iv)	
67	If the Sun is above you	r head, the shadow formed would be	1
	a) Sometimes short, So	ometime long	
	b) Shortest c) Longest d) Absent	
68	Lunar eclipse occurs w	hen	1
	a) Sun is between Eart	h and Moon	
	b) Moon is between Ea	arth and Sun	
	c) Mars is between Sur	n and Moon	
	d) Earth is between Su	n and Moon	
69	Which one of the follo	wing is not a luminous object?	1
	a) Unlit candle b) Glo	w worm c) Burning gas lantern d) Sun	
70	The image formed by	a pin - hole camera is always	1
	a) Inverted b) Erect	c) Virtual d) Magnified	
71	Shadow of an object is		1
	a) dark(black)	b) blue	
	c) red	d) depends on the colour of the object	
72	The image formed by	pin hole camera is	1
	a)inverted	b)erect	
	c)circular	(d)sometimes long sometimes circular	
73	On a sunny day, we are flying in the sky becau	e not able to see the shadow of aeroplane ise	1
	a) Image is not formed		
	b) Very small image i	s formed	

	c) Very large and faint image is formed	
	d) Aeroplane is a transparent object	
74	The process of bouncing back of light in same medium is called	1
	a) Reflection of light b) Dispersion of light	
	c) Inversion of light d) Refraction of light	
75	Lunar eclipse occurs on	1
	a) Every night b) Full moon night	
	c) Half moon night d) New moon night	
76	Air and water are	1
	a) transparent objects b) translucent objects	
	c) opaque objects d) none of these	
77	Each periscope consists of	1
	a)Two mirrors b) One mirror	
	c) Three mirrors d) Two lens	
78	Which one is a transparent object?	1
	a) Stone b) Dense fog c) Wax paper d) Reading glass	
79	Shadow is formed by	1
	a) Transparent object b) Translucent object	
	c) Opaque object d) Luminous object	
80	Glass sheet is a/an	1
	a) Opaque object b) Translucent objects	
	c) Transparent objects (d) none of these	
81	What was considered permanent in the universe by the thinkers?	1
	a) Hair b) Karma c) Atman d) Sharir	

82	Who was Satyakama Jabala?	1
	a) Was a slave only b) Another name of Gautam Budhdha	
	c)Another name of Mahavira d)Best known thinker of the time	
83	Vinaya Pitaka is a book in which	1
	a) Rule made for Sangha is written	
	b) Rule made for local people is written	
	c) Rule made for grammar is written	
	d) Rule made for Buddha is written	
84	Sarnath is a place where Buddha	1
	a) Gain enlightenment b) Passed away	
	c) Born d) Teach first time	
85	Gargi was famous for	1
	a) respect b) writing c) none of these d) learning	
86	Name the book where rules made for the Buddhist Sangha were written down	1
	a) Ahimsa b) Zoraaster	
	c) Rajkarangini d) Vinaya Pitaka	
87	How many formulae were made by Panini?	1
	a) Around 5, 000 b) Around 1,000	
	c) Around 3,000 d) Around 2,000	
88	Who went to Gautam Buddha for saving the life of her son?	1
	a) Ahilya b) Mahavira c) Kisagotami d) Sita	
89	How the earlier viharas were built?	1
	a) Caves that were dug out in hills b) Made of wood	

	c) All of these d) Made of brick	
90	What was the name of the mother of Satyakama Jabala?	1
	a) Jagotri b) Jabali c) Jamitri d) Jasola	
91	Prakrit spoken in Magadha was known as	1
	a) Magadhi b) Magali c) Magadhini d) Magakrit	
92	Who was not allowed to study Vedas	1
	a) Woman b) Aged c) Children d) Man	
93	Buddha believed that the result of our action is	1
	a) Sadness b) Happiness c) Karma d) All of these	
94	The following verse has been taken from which book "Lord, grant strength and the rule of truth and good thinking, by means of which one shall create peace and tranquillity"?	1
	a) Panini grammarian book b) Zend Avesta	
	c) Bible d) Vanaya Patika	
95	What were their functions performed by the Bhikkhus	1
	a) Throw others out of the Virah	
	b) Taught others and helped each other's	
	c) Giving order to others	
	d) Making people quarrel with each other	
96	The edicts issued by the Ashoka contained matters relating to	1
	a) Bravery b) War c) Religion d) Marriage	
97	Which area was under the direct control of the emperor:	1
	a) Area around Patliputra b) Area around Kalinga	
	c) Area around Sarnath d) Area around Kalsi	
98	Item famous in the South	1

	a) Blankets b) Peppers c) Gold d) Rice	
99	Where is the Great wall located?	1
	a) Greece b) Egypt c) Iraq d) China	
100	The present - day state which was supposed to be the Kalinga Kingdom during the Mauryan Empire.	1
	a) Odisha b) Bihar c) Rajasthan d) Gujarat	
101	Name of the bird which was included in the tree that was carried with the emperor at the time of the public appearance:	1
	a) Trained parrots b) Trained ducks	
	c) Trained crows d) Trained sparrows	
102	Why Ashoka decided to give up war?	1
	a) He was not having money b) None of these	
	c) Horrified when he saw the destruction caused by war	
	d) He became handicapped	
103	Where was Ashoka's message inscribed?	1
	a) Roof b) Land c) Pillar d) Wall	
104	Which ruler tried to convey his message to the people through inscriptions	1
	a) Bindusara b) Ajatsatru c) Ashoka d) Bimbisara	
105	What was Ashoka Dhamma?	1
	a) Believe in one religion only	
	b) Involves the performance of sacrifice	
	c) People should respect their elders	
	d) Involve the worship of God	
106	Two main sources of information about the Mauryan Empire	1

	a) Vinaya Pitaka and Indika	\prod
	b) Vinaya Pitaka and Zoroastrian	
	c) Arthashatra and Indika	
	d) Arthashatra and Vinaya Pitaka	
107	When members of the same family become rulers one after another the family is often called	1
	a) Association b) Dynasty c) Kingdom d) Empire	
108	How many years did Ahsoka rule	1
	a) 51 b) 41 c) 31 d) 61	
109	Indika was written by	1
	a)Megasthenes b)Seleucus Nicator c) Ashoka d) Kautilya	
110	The city of Surat had a plague scare in	1
	a) 1992 b) 1990 c) 1996 d) 1994	
111	was the one who suggested that we keep dustbins to help our streets clean. When we sort our own garbage it reduces their work.	1
	a) Panchayat raj b) District administration	
	c) None of these d) Muncipal corporation	
112	What was Gangabai protested about	1
	a) She wanted to open a school	
	b) She wanted to open a hospital	
	c) She wanted to open a office	
	d) The garbage was not removed	
113	Local bodies are under the control of	$\frac{1}{1}$
	a) Central government b) Zila Samiti	

	c) Zila Parishad d) State government	
114	The minimum age of voters in municipal corporation is	1
	a) 17 b) 16 c) 15 d) 18	
115	Job of contract workers are	1
	a) Permanent b) Secured c) Temporary d) Safe	
116	What was broken by the ball hit by Rehana	1
	a) Glass of a car b) Street light c) Window glass d) Pot	
117	What type of game were Mala and her friend playing in the street	1
	a) Cricket b) Football c) Badminton d) Hockey	
118	The city of Surat had a plague scare in 1994 because	1
	a) It was densely populated b) It a cleanest city	
	c) It was a dirtiest city d) It was political city	
119	Which are the other tasks of a Municipal Corporation	1
	a) To run House b) To run household expenditure	
	c) To run the schools d) To run car	
120	Under municipality a city is divided into	1
	a) Section b) Parts c) Councils d) Wards	