## ATOMIC ENERGY CENTRAL SCHOOL NO. 2, MUMBAI

ACADEMIC SESSION – 2024-25 MULTIPLE CHOICE QUESTION EXAMINATION – 1 (MCQ – 1)			
CLASS VII – MATHEMATICS/SOCIAL SCIENCE/ SCIENCE			
111	Attempt all questions. There is no negative marking.	024	
1	Find: (- 325)÷ (- 13)	[1]	
	a) 25 b) - 25 c) 13 d) 15		
2	Find: 64÷ (-16)	[1]	
	a) 4 b) 5 c) - 4 d) $\frac{4}{5}$		
3	$(-16) \div 4$ is not same as	[1]	
	a) - $(16 \div 4)$ b) $16 \div (-4)$ c) $(-4) \div 16$ d) - 4		
4	Which pair of numbers does not have a product equal to	[1]	
	36?		
	a) { - 4, - 9}b) { - 3, - 12} c) {1, 36} d) { - 1, - 72}		
5	For a non - zero integer $a$ , which of the following is not	[1]	
	defined?		
	a) $0 \div a$ b) $1 \div a$ c) $a \div 0$ d) $a \div 1$		
6	$[(-10) \times (+9)] + (-10)$ is equal to	[1]	
	a) - 100 b) 100 c) 80 d) - 80		
7	A plane is flying at the height of 5000 m above the sea	[1]	
	level. At a particular point, it is exactly above a		
	submarine floating 1500 m below the sea level. What is		
	the vertical distance between them?		
	a) 6500 m b) 6000 m c) 3500 m d) 3000 m		
8	The value of X in $-19 \times (4+(-2)) = -19 \times 4 + (-19) \times X$ , is	[1]	
	a) 4 b) - 2 c) 2 d) - 19		
9	An elevator descends into a mine shaft at the rate of 8	[1]	
	m/min. If the descend starts from 12 m above the ground		
	level, how long will it take to reach - 468 m?		
	a) 50 mins b) 10 mins c) 30 mins d) 60 mins		
10	Find a number that is 3 more than - 9.	[1]	
	a) 12 b) 6 c) 5 d) - 6		
11	What will be the sign of the product, if we together	[1]	

	multiply 199 negative integers and 10 positive integers?		
	a) Positive b) Negative		
	c) Data is insufficient d) Can't say		
12	Which of the following does not represent an integer?	[1]	
	a) $20 \div (-4)$ b) $(-9) \div 3$ c) $0 \div (-7)$ d) $(-12) \div 5$		
13	- $35 \times 107$ is not same as	[1]	
	a) $(-30 - 5) \times 107$ b) $(-35) \times 7 + (-35) \times 100$		
	c) - $35 \times 7 + 100$ d) - $35 \times (100 + 7)$		
14	Find the difference between - 2° C and 1° C.	[1]	
	a) $1^{o}$ C b) - $1^{o}$ C c) $3^{o}$ d) - $3^{o}$ C		
15	$(-25) \times [6+4]$ is not same as	[1]	
	a) $(-25) \times 10$ b) $(-25) \times 6 \times 4$		
	c) $(-25) \times 6 + (-25) \times 4$ d) - 250		
16	Find a number that is 100 more than - 90.	[1]	
	a) - 10 b) 6 c) 5 d) 10		
17	Find: 90÷ (- 45)	[1]	
	a) - 45 b) 2 c) - 2 d) 45		
18	A collection of numbers which contains all positive	[1]	
	numbers, all negative numbers and zero is known as		
	a) Both Whole and Natural numbers b) Natural numbers		
	c) Integers d) Whole numbers		
19	$(-43) \times (-99) + 43$ is equal to	[1]	
	a) - 4300 b) 4300 c) - 4214 d) 4257		
20	Find the difference between - 21 <sup>o</sup> C and - 9 <sup>o</sup> C.	[1]	
	a) - $12^{o}$ C b) - $30^{o}$ C c) $12^{o}$ C d) $30^{o}$ C		
21	Find: ( - 136)÷ 4	[1]	
	a) - 32 b) 32 c) 34 d) - 34		
22	$(-11) \times 7$ is not equal to	[1]	
	a) - (11× 7) b) 7× (-11)		
	c) $11 \times (-7)$ d) $(-11) \times (-7)$		
23	If a and b are two integers, then which of the following	[1]	
	may not be an integer?		

	a) $a - b$ b) $a \times b$ c) $a + b$ d) $a \div b$		
24	The temperature at 12 noon was 10°C above zero. If it	[1]	
	decreases at the rate of $2^{\circ}$ C per hour until midnight, at		
	what time would the temperature be 8 ° C below zero?		
	a) 9:00 PM b) 9:30 PM c) 10:00 PM d) 11:00 PM		
25	Find: 80÷ (- 5)	[1]	
	a) 16 b) 14 c) - 16 d) 15		
26	The value of $5 \div (-1)$ does not lie between	[1]	
	a) 0 and - 10 b) - 6 and 6 c) - 4 and - 15 d) 0 and 10		
27	Find the difference between - 16° C and 6 ° C.	[1]	
	a) - 22 <sup>o</sup> C b) - 10 <sup>o</sup> C c) 10 <sup>o</sup> C d) 22 <sup>o</sup> C		
28	The value of	[1]	
	$(-5) \times (-4) \times (-3) \times (-2) \times (-1) \times 0 + 0 \times (1) \times 0$		
	(2) $\times$ (3) $\times$ (4) $\times$ (5) is		
	a) 240 b) 120 c) 0 d) - 120		
29	- $16 \div [8 \div (-2)]$ is equal to	[1]	
	a) 4 b) - 1 c) - 4 d) 1		
30	Which of the following is not the additive inverse of a?	[1]	
	a) $a \times (-1)$ b) - a c) - $(-a)$ d) $a \div (-1)$		
31		[1]	
	a) $-4$ b) $64$ c) $4$ d) $-64$		
32	Evaluate: $\frac{(-16) \div [(-13) + (-3)]}{(-12) \times (-12)}$	[1]	
	$(-60) \div (-60)$ a) 1 b) 2 c) 1 d) 2		
22	a) 1 $0) = 2$ $0) = 1$ $0) = 2$	[1]	
55	$[(-9) \times (+10)]$ -(-10) is equal to a) 100 b) 100 c) 80 d) 80		
3/	Which of the following does not represent an integer?	[1]	
54	which of the following does not represent an integer? a) $70 \div (-14)$ b) (-57) $\div 10$		
	a) $70 \div (-14)$ b) $(-37) \div 19$ d) $(18) \div 16$		
35	Find: 195 $\div$ ( - 65)	<u> </u>  [1]	
	a) = 5 $b) 3$ $c) = 3$ $d) = 5$	╎╏┻┚	
36	Find the difference between $-12^{\circ}$ C and $-1^{\circ}$ C	<u> </u>  [1]	
	$a)11^{0}$ C b) $-11^{0}$ C c) $13^{0}$ d) $-13^{0}$ C	╎╹┓	
1	$[a]_1 C = 0 + $	1	

37	Which of the following is different from others?	[1]	
	a) $45+(-40)$ b) $-7-(-(6)$ c) $45 \div (-5)$ d) $-9+(-10)$		
38	$[(-25) \times [6+4]]$ is not same as	[1]	
	a) $(-30+5) \times 10$ b) $(-25) \times 6 + ((-25) \times 4)$		
	c) - 25× 6 × 4 d) -250		
39	The value of X in $-15 \times (8 + (-6)) = -15 \times 8 + (-15) \times X$ , is	[1]	
	a) 8 b) - 6 c) 2 d) - 15		
40	$(-43) \times (-99) + 43$ is equal to	[1]	
	a) 4300 b) -4300 c)4214 d) -4214		
41	The Right to vote given to all citizens above the age of [		
	18, irrespective of caste, gender, religion, language etc is		
	known as		
	(a)Universal Franchise (b) Right to vote		
	(c) Universal adult franchise (d)franchise		
42	The common form of inequality in India is	[1]	
	(a)Caste system (b) Sati System		
12	(c) Child marriage (d) inequality based on language		
43	is the term lower caste people use to address		
	(a) Haritan (b) Dalita (a) autoasta (d) naan		
11	(a)Harijan (b) Dants (c) outcaste (d) poor Omprekeen Velmiki is a femous	<b>[1</b> ]	
44	Omprakash valimki is a famouswriter		
15	(a)pool (b) Kshatiya (c) dant (d) uhkhown	<b>[</b> 1]	
43	(a)Poem (b) drama (c) novel (d) autobiography		
16	recognize every person as equal	<b>[1</b> ]	
40	(a)constitution (b) Government	L┰┨	
	(c) Jails (d) Chinese government		
47	When persons are treated unequally their is violated	[1]	
	(a)status (b) freedom (c) dignity (d) caste	[ T ]	
48	has been abolished	[1]	
	(a)freedom to study (b) untouchability	╎╹┓	
	(c) religion (d) right to reject a religion		
49	The mid-day meal scheme originally began in	[1]	
L			

	(a)Assam (b) Kerala (c)	Tamilnadu (d) Goa	
50	is the corner stone of our der	mocracy	[1]
	(a)Parliament	(b) Caste system	
	(c) Discrimination	(d) Army	
51	Which one is not a mode of nutr	ition in non-green	[1]
	plants?		
	a)Heterotrophic b)Parasitic c)Autotrophic d) Saprophytic		
52	The process by which green plan	its produce their own	[1]
	food is called		
	a) Translocation	b) Transpiration	
	c) Photosynthesis	d) symbiosis	
53	Which plant is shown in the		[1]
	given figure?		
	a) Cuscuta plant		
		TA SKS GA	
	b) Venus fly trap plant	CAMOR MO	
	c) Pitcher plant		
	d) Sundew plant		
51	Leaves of some plants are not on	and have and an	<b>[1</b> ]
34	Leaves of some plants are not green, but are either red or		
	a) Absence of chlorophyll	h) Dragon og of linida	
	a) Absence of children d) Preserver	b) Presence of lipids	
55	C) Presence of fats (a) Presence of other pigments		<b>[</b> 1]
55	which of the following faw mat	enal is available in the	
	all for photosynthesis?	rhan diavida d) Ovygan	
56	Which of the following class of	arganisms belongs to	<u>г</u> 11
50	saprotrophs?	organishis belongs to	L <b>⊥</b> ]
	a) Bryonhytes h) Function Lief	nens d) Cuscuta	
57	Which of the following plants do	her not depend on	<b>[</b> 1]
	autotrophic putrition for food?		╵╻┓╹
	autonophic number 101 1000?	h) Neem tree	
	a) venus ny trap plant		

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	c) Mimosa plant d) Lemon tree		
58	Which of the following is not a leguminous plant?	[1]	
	a) Pulses b) Grams c) Peas d) Mango		
59	Which one of the following is a parasite?	[1]	
	a) Cuscuta b) Lichen c) Rhizobium d) Pitcher Plant		
60	The green colour of plants is due to the presence of	[1]	
	a) Leucoplast b) Phytochrome		
	c) Photosphere d) Chlorophyll		
61	Mutually beneficial relationship between roots of some	[1]	
	plants and a fungus is known as:		
	a) Photosynthetic b)Probiotic c)Biogenesis d) Symbiosis		
62	Lichen is a symbiotic association of	[1]	
	a) algae and fungi b) algae and bacteria		
	c) algae and fern d) algae and virus		
63	The organism that can prepare their own food is called	[1]	
	a)Autotrophs b)Decomposers		
	c)Consumers d) Heterotrophs		
64	Food prepared in plants is stored as	[1]	
	a) glucose b) Both Glucose and cellulose		
	c) starch d) cellulose		
65	The ultimate source of food on earth is	[1]	
	a) plants b) fungi c) animals d) proteins		
66	When we observe the lower surface of a leaf through a	[1]	
	magnifying lens, we see numerous small openings.		
	Which of the following is the term given to such		
	openings?		
	a) Stomata b) Lamina c) Midrib d) Veins		
67	If iodine is dropped on the boiled leaf it gives blue-black	[1]	
	colour due to the presence of		
	a) vitamin b) protein c) fat d) starch		
68	The nutrition in mushroom is	[1]	
	a) autotrophic b) saprotrophic c) symbiotic d) parasitic		
69	Oval - shaped structures in which chlorophyll is found:	[1]	

	a) Guard cell b) Vacuole c) Stomata d) Chloroplast		
70	Which of the following cannot be synthesised by plants?	[1]	
	a) Proteins b) Carbohydrates c) Fats d) Water		
71	In the process of photosynthesis, which of the following	[1]	
	energy conversions occur?		
	a)Solar energy is changed into chemical energy.		
	b) Solar energy is changed into mechanical energy.		
	c)Bioenergy is converted into chemical energy.		
	d) Chemical energy is changed into light energy.		
72	Pitcher plant traps insects because it	[1]	
	a) is a heterotroph		
	b) grows in soils which lacks nitrogen		
	c) does not have chlorophyll		
	d) has a digestive system like human beings		
73	In cactus leaves are modified into	[1]	
	a) branches b) spines c) leaf vein d) pitcher		
74	Rhizobium bacterium helps the leguminous plants to fix [		
	atmospheric		
	a)Nitrogen b)Oxygen c)Carbon dioxide d)Water vapour		
75	Amarbel is an example of	[1]	
	a)autotroph b) parasite c) saprotroph d) host		
76	By which one of the following types of nutrition, plants	[1]	
	obtain their food?		
	a) General nutrition b) Autotrophic nutrition		
	c) Specific nutrition d) Heterotrophic nutrition		
77	Which one of the following is an autotroph?	[1]	
	a) Lichens b) Fungus c) Algae d) Cuscuta		
78	Which part of the plant takes in carbon dioxide from the	[1]	
	air for photosynthesis?		
	a) Sepals b) Root hair c) Leaf veins d) Stomata		
79	Which of the following is not a parasite?	[1]	
	a) leech b) bedbug c) lice d) yeast		
80	Which of the following component of food provide us	[1]	

	energy:			
	a) Proteins b) Carbonydrates c) Vitamins d) Minerals	543		
81	Which part of the plant is known as 'food factory'?	[1]		
	a) Branches b) Leaves c) Roots d) Stems			
82	Exchange of gases in leaves takes place through:	[1]		
	a) Guard cells b) Epidermis c) Lenticels d) Stomata			
83	During the test for the starch part of leaf uncovered with	[1]		
	black paper become:			
	a) Brown b) Blue - black c) Green d) Orange - red			
84	By which method do plants make their food?	[1]		
	a) Osmosis b) Circulation			
	c) Photosynthesis d) Absorption			
85	Nitrogen is necessary for the formation of protein. From	[1]		
	where plants obtain nitrogen?			
	a) From nitrogen gas dissolve in water			
	b) From the soil in the form of nitrite and nitrate			
	c) From air in form of gaseous nitrogen			
	d) From soil in form of minerals			
86	The green pigment in the leaves is called	[1]		
	a. Stomata b. Chlorophyll c. Symbiosis d. None			
87	This bacteria is found in the root nodules of leguminous	[1]		
	plants.			
	a. Rhizobium b. Yeast c. Algae d. E.coli			
88	This plant traps and feeds on insects.	[1]		
	a. Pitcher plant b. Rose plant c. Mimosa plant d. None			
89	This gas is released during the process of	[1]		
	photosynthesis.			
	a. Nitrogen b. Carbon dioxide b. Oxygen d. Methane			
90	Plants are unable to use atmospheric	[1]		
	a. carbon dioxide b. Oxygen c. Nitrogen d. Methane	_		