



ATOMIC ENERGY CENTRAL SCHOOL - 5, MUMBAI
MCQ TEST, JUNE 2024

CLASS: VIII

Time Allowed : 2 Hrs.

Maximum Marks : 100

Section A - English		
1	"Ah, Dorset," he smiled. "I know this place. I know it very well." How did Hans know about Dorset? a) Hans Wolf's grand parents lived there b) Hans Wolf visited the place c) Hans Wolf read books in English d) Hans Wolf lived there	[1]
2	What did Hans Wolf do apart from being a soldier? a) He was a teacher b) He was a chef c) He was a salesman d) He played cello in an orchestra	[1]
3	Who is the author of the lesson The Best Christmas Present in the World ? a) Paulo Coelho b) Ruskin Bond c) Michael Morpurgo d) All of the above	[1]
4	Jim's first reaction to the Happy Christmas by the Germans was one of a) suspicion b) surprise c) disgust d) anger	[1]
5	Which of these does the author do? (The Best Christmas Present in the World) a) Starts the story with an exciting event b) Ends with a revelation that changes the plot c) Teaches a life lesson through the characters d) Narrates events from the past to set the context	[1]
6	What does Jim mainly do in the letter? a) Describe his longing to be home for Christmas b) Narrate an unlikely event of hope and compassion c) Explain how his army planned to put an end to the war d) Illustrate the struggles of soldiers during wartime	[1]
7	What was the speaker's reaction when he realizes that it was the other side that began it? (The Best Christmas Present in the World) a) He gets very angry b) He was embarrassed c) He began to cry d) He was ashamed	[1]
8	Schnapps is a (The Best Christmas Present in the World) a) German wine b) Sauce c) Kind of meat d) British dish	[1]
9	The central idea of the poem The ant and the Cricket is a) to use food carefully and miserly b) to not enjoy life and only work hard c) to save food for the needy and help them d) to use time properly and save for the future	[1]
10	Why did the cricket go to the ant? a) to ask for shelter b) to ask for food and shelter c) to ask for money d) to ask for a dance	[1]
11	What did the cricket feel when he saw his cupboard was empty? a) shocked and joyful b) shocked and angry c) shocked and worried d) shocked and jealous	[1]
12	How should the cricket have spent the summer days? (The ant and the cricket) a) Singing b) Travelling c) Dancing d) Working hard	[1]

13	The last two lines convey that a) only crickets are lazy. b) There are people who are like the cricket c) There are people who are like the ant d) Only ants work hard	[1]
Section B - Hindi		
14	लाख की चूड़ियाँ पाठ के आधार पर रज्जो कौन थी? क) बदलू की भतीजी ख) बदलू की लड़की ग) लेखक के मामा की लड़की घ) लेखक के पड़ोसी की लड़की	[1]
15	बदलू ने अपनी बेटी को लेखक के लिए क्या लाने के लिए कहा? क) सेब ख) अंगूर ग) आम घ) पपीता	[1]
16	लाख की चूड़ियाँ पाठ के लेखक कौन हैं? क) कामतानाथ जी ख) नागार्जुन जी ग) महादेवी जी घ) भगवतीचरण जी	[1]
17	लाख की चूड़ियाँ पाठ के आधार पर लेखक द्वारा बदलू के लिए मचिया मँगवाने से किस भाव की पुष्टि होती है? क) समानता के भाव की ख) दयालुता के भाव की ग) सहानुभूति के भाव की घ) सम्मान देने के भाव की	[1]
18	लाख की क्या विशेषता है? क) मीठा होता है ख) हवा में जल जाता है ग) गर्म करने पर पिघलता है घ) यह हरे रंग का होता है	[1]
19	बदलू ने लाख की चूड़ियों का अंतिम जोड़ा कब बनाया था? क) अपनी बेटी के विवाह पर ख) लेखक के मामा की बेटी के विवाह पर ग) जमींदार की बेटी के विवाह पर घ) शुरुआत में	[1]
20	बस की यात्रा पाठ के आधार पर लेखक हरे - भरे पेड़ों को क्या समझता था? क) शुभचिंतक ख) जीवनदाता ग) मित्र घ) शत्रु	[1]
21	बस की यात्रा पाठ के आधार पर किसके साहस और बलिदान की भावना का दुरुपयोग हो रहा था? क) यात्रियों की ख) कंडक्टर की ग) बस ड्राइवर की घ) कंपनी के हिस्सेदार की	[1]
22	बस की यात्रा पाठ के आधार पर इंजन सचमुच स्टार्ट हो गया - ऐसा क्यों कहा गया है? क) बस देखकर लगता नहीं था कि यह स्टार्ट होगी ख) ड्राइवर की दशा के कारण ग) बस की सुन्दर स्थिति के कारण घ) बस की दशा और पहली बार में ही स्टार्ट होने के कारण	[1]
23	बस की यात्रा पाठ के आधार पर क्षीण चाँदनी में वृक्षों की छाया के नीचे बस कैसी लग रही थी? क) बहुत सुंदर ख) गाय के समान ग) बेजुबान घ) दयनीय	[1]
24	बस की यात्रा पाठ में सारी बस इंजन है और लेखक इंजन में बैठा हुआ है, ऐसा लेखक ने कब महसूस किया? क) बस में बैठने पर ख) पेट्रोल खत्म होने पर ग) बस के रुकने पर घ) इंजन स्टार्ट होने पर	[1]
25	बस की यात्रा पाठ के आधार पर डॉक्टर मित्र के कथन में कौन - सा भाव छिपा था? क) व्यंग्य का ख) आदर का ग) दयालुता का घ) सहानुभूति का	[1]
Section C - Mathematics		
26	The numerical expression $\frac{3}{8} + \left(\frac{-5}{7}\right) = \frac{-19}{56}$ shows that a) addition of rational numbers is not commutative b) rational numbers are not closed under addition c) rational numbers are closed under multiplication d) rational numbers are closed under addition	[1]
27	$-\frac{3}{8} + \frac{1}{7} = \frac{1}{7} + \left(\frac{-3}{8}\right)$ is an example to show that -	[1]





	<p>a) rational numbers are distributive under addition b) addition of rational numbers is commutative c) addition of rational numbers is associative d) rational numbers are closed under addition</p>	
28	<p>The reciprocal of any rational number $\frac{p}{q}$, where p and q are integers and q \neq 0 is:</p> <p>a) $\frac{p}{q}$ b) $\frac{q}{p}$ c) 1 d) 0</p>	[1]
29	<p>$\frac{18}{23} + \left(-\frac{18}{23}\right) = \underline{\hspace{2cm}}$.</p> <p>a) 0 b) 18 c) 23 d) $\frac{18}{23}$</p>	[1]
30	<p>Which of the following is not a rational number?</p> <p>1. $\frac{3}{17}$ 2. $\frac{-4}{19}$ 3. $\frac{0}{8}$ 4. $\frac{3}{0}$</p> <p>a) Option (i) b) Option (ii) c) Option (iii) d) Option (iv)</p>	[1]
31	<p>Find: $\frac{-4}{5} \times \frac{3}{7} \times \frac{15}{16} \times \left(\frac{-14}{9}\right)$</p> <p>a) 2 b) 0 c) 1 d) $\frac{1}{2}$</p>	[1]
32	<p>A number which can be expressed as $\frac{p}{q}$ where p and q are integers and q \neq 0 is</p> <p>a) rational number b) natural numbers c) whole number d) irrational number</p>	[1]
33	<p>Which statement is true?</p> <p>5. $-5 + 3 \neq 3 + (-5)$ 6. $\frac{-8}{12} = \frac{10}{-15}$ 7. 2 is not natural number 8. 17 is not prime number</p> <p>a) Option (c) b) Option (b) c) Option (d) d) Option (a)</p>	[1]
34	<p>$1 \times \frac{13}{14} = \underline{\hspace{2cm}}$.</p> <p>a) 0 b) $\frac{13}{14}$ c) 14 d) 13</p>	[1]
35	<p>Zero (0) is</p> <p>a) the identity for the subtraction of rational numbers. b) the identity for the addition of rational numbers. c) the identity for the division of rational numbers. d) the identity for multiplication of rational numbers.</p>	[1]

36	$0 \times \frac{15}{17} = \underline{\hspace{2cm}}$. a) 15 b) 0 c) 17 d) $\frac{15}{17}$	[1]
37	Which of the following statements is false? 9. Natural numbers are commutative for addition. 10. Whole numbers are commutative for addition. 11. Integers are not commutative for addition. 12. Rational numbers are commutative for addition. a) Option (i) b) Option (ii) c) Option (iv) d) Option (iii)	[1]
38	$1 \times \frac{12}{13} = \underline{\hspace{2cm}}$. a) $\frac{12}{13}$ b) 1 c) 0 d) 12	[1]
39	$\frac{13}{19} + \left(-\frac{13}{19}\right) = \underline{\hspace{2cm}}$. a) $-\frac{13}{19}$ b) 0 c) 13 d) 19	[1]
40	Solve: $2x - 1 = 14 - x$ a) 5 b) 10 c) 20 d) 15	[1]
41	Solve for x: $6(3x + 2) - 5(6x - 1) = 6(x - 3) - 5(7x - 6) + 12x$ a) 2 b) 0 c) 1 d) - 1	[1]
42	Solve: $5x + 9 = 5 + 3x$ a) - 1 b) 2 c) - 2 d) 1	[1]
43	Solve the equation: $2x - 3 = x + 2$ a) 5 b) 0 c) 4 d) 3	[1]
44	Solve: $\frac{x}{2} - \frac{1}{5} = \frac{x}{3} + \frac{1}{4}$ a) 27 b) 10 c) 9 d) $\frac{27}{10}$	[1]
45	The subtraction of 11 times of x from 22 times of y is _____. a) $- 11y + 22x$ b) $22y - 11x$ c) $11y - 22x$ d) $11x - 22y$	[1]
46	Solve the equation: $3x = 2x + 18$ a) 9 b) 12 c) 6 d) 18	[1]
47	Given that $- 0.3k + 2.1 = 0.4k$, the value of k = a) 21 b) 7 c) - 1 d) 3	[1]
48	Solve: $3m = 5m - \frac{8}{5}$ a) $\frac{3}{5}$ b) $\frac{4}{5}$ c) 5 d) 4	[1]
49	Solve: $8x + 4 = 3(x - 1) + 7$ a) 1 b) 2 c) 0 d) 9	[1]
50	Solve: $x + 7 - \frac{8x}{3} = \frac{17}{6} - \frac{5x}{2}$ a) - 5 b) 4 c) 3 d) 5	[1]
Section D - Science		
51	The scientific management of farm animals is called _____. a) apiculture b) pisciculture c) poultry - farm d) animal husbandry	[1]

Following are the differences between manures and fertilisers.
Which of the given differences are incorrect?

	Manures	Fertilisers
(i)	They are not easily soluble in water. So they are not easily absorbed by the roots of the plants.	They are soluble in water and are absorbed by the plants easily.
(ii)	These are inorganic substances.	These are organic substances.
(iii)	Excessive use does not harm the soil texture, they provide humus to the soil.	Excessive use can change the chemical composition of the soil and also pollutes water.
(iv)	They restore the soil texture and help in water retention.	They may damage the soil texture.
(v)	These are nutrient specific.	These are not nutrient specific.

52	a) (i), (ii) and (v) only c) (ii) and (v) only	b) (iii) and (iv) only d) (i), (iii) and (v) only	[1]
53	The system of irrigation where in water is supplied drop by drop near the roots of plants, is called a) Sprinkler system b) Pulley system c) Lever system d) Drip system		[1]
54	Birds can be kept away from field through: a) scarecrows b) wire fences c) spraying pesticides d) spraying weedicides		[1]
55	Which of the following gas is evolved in the process of anerobic digestion of organic waste? a) Biogas b) Nitrogen gas c) Water gas d) Oxygen gas		[1]
56	Which of the following statements are correct about the plough? 13. The plough contains a strong traingular iron strip called a ploughshare 14. The main part of the plough is a long log of wood which is called a ploughshaft. 15. In earlier days, plough were drawn by working animals such as horses or cattle, but in modern times ploughs are drawn by tractors. a) I, II and III b) I and III c) I and II d) II and III		[1]
57	Rearing of silkworm to obtain silk is called a) Pisciculture b) Apiculture c) Sericulture d) Aquaculture		[1]
58	Kharif crops are grown in a) both winter and rainy season b) winter season c) summer season d) rainy season		[1]
59	Which one of the following condition is not essential to grow maize? a) High temperature b) Humidity c) Low temperarture d) Rainfall		[1]
60	Continuous growing of crops make the soil poorer and less - fertile. We can replenish soil by the following method. a) Ploughing b) Using weedicides c) Crop - rotation d) Leveling		[1]
61	Generally, which creature is called as a good friend of farmer? a) Ant b) Grasshopper c) Earthworm d) Honey Bee		[1]
62	Rabi crop can be also named as: a) summer crop b) rainy season crop c) winter crop d) autumn crop		[1]
63	Which of the following makes bread soft and fluffy? a) Alcohol produced during fermentation of sugar b) Finely powdered flour c) Carbon dioxide produced during fermentation. d) Sugar		[1]

64	Food cannot be preserved by a) keeping food covered with plate room temperature. b) by boiling and then suddenly cooling to a very low temperature and the sealing the content. c) by adding common salt, sugar, vinegar or oils and pasteurisation and packaging in air tight packets. d) by storing and packaging in sealed a tight packets.	[1]
65	Which part of the human body is affected in the disease T.B.? a) Stomach b) Liver c) Kidney d) Lungs	[1]
66	Which physical process occurs in the sky that converts the nitrogen gas to nitrogen compounds? a) Eclipses b) Cloud formation c) Lightning d) Precipitation	[1]
67	The most common carrier of communicable diseases is _____. a)  b)  c)  d) 	[1]
68	Food spoilage can be prevented by a) all of these b) canning c) heating of food d) using chemicals	[1]
69	Once a person is infected with smallpox, he does not suffer from it again as his body contains: a) Antigens b) Antibodies c) Anticoagulants d) Antibiotics	[1]
70	Who discovered vaccination against small pox? a) Lister b) Mayer c) Edward Jenner d) Louis Pasteur	[1]
71	Lactobacillus is a/an _____ a) fungus b) bacteria c) algae d) protozoan	[1]
72	TMV will grow: a) inside the tobacco cells b) in the soil surrounding tobacco roots c) in the space between tobacco cells d) outside the tobacco cells	[1]
73	Suppose all soil bacteria are removed what will be the result? a) soil fertility will increase b) all plants growing in that soil will become disease free c) soil fertility will decrease d) all grasses will appear more green	[1]
74	The idli dough rises because of _____. a) growth of yeast cells b) kneading c) grinding d) heat	[1]
75	Which of the following is a simplest protozoan? a) Euglena b) Paramecium c) Plasmodium d) Amoeba	[1]
Section E - Social Science		
76	The word Calligraphists means a) One who is specialized in the art of painting. b) One who is specialized in the art of music. c) One who is specialized in the art of the beautiful writing. d) One who is specialized in the art of the public speaking	
77	Census operation are held a) Every ten years b) Every seven years c) Every twelve years d) Every five years	

78	The National Archives of Indian was set up in the..... a) 1930s b) 1950s c) 1940s d) 1920s	
79	The outcome of the revenue survey in the villages by the British highlighted the: 1. topography, the soil quality, flora and fauna and other facts necessary to administer in a region. 2. products to be marketed in a region. 3. trade options available in a region. 4. climatic conditions of a region. a) Only 4 b) Only 1 c) Only 2 d) none of the above	
80	From the options given, which one would best describe a society where features like science, reason, democracy, equality, etc. did not exist. a) Ancient b) Modern c) Ancient and Modern d) Medieval	
81	From the following options which one best described a Census? 1. A systematic record of information of the flora fauna 2. Systematic information of the topography of a region 3. A systematic record of information of a given population. 4. Systematic information of the climate and weather conditions of a region a) Only 2 b) Only 1 c) Only 4 d) Only 3	
82	Which are the sources that historians refer to while reconstructing history? Pick out the correct option. 1. Written documents 2. Archaeological evidence and official documents 3. Manuscripts, photographs, Printed maps a) (i) and (iii) only b) (ii) and (iii) only c) All of these d) (i) and (ii) only	
83	Name the most important source of the details of the British administration in India. a) Biographies of Indian rulers b) Official records of the British administration c) Biographies of British rulers d) Travelogues	
84	Which of the following is a non - renewable resource? a) Natural gas b) Solar energy c) Water d) Soil	
85	The types of resources on basis of stock are: a) renewable and non- renewable b) abiotic and biotic c) actual and potential d) ubiquitous and localised	
86	Using resources carefully and giving them time to get renewed can be termed as _____. a) recycling b) resource conservation c) ubiquitous d) technology	
87	Which of these does not have economic worth but is valuable? a) Shoes b) Mountains c) Car d) Coal	
88	Which one of the following is considered as the Golden R's of conservation? a) Reduce, Reclaim, Reprocess, Recover b) Reduce, Reuse, Recycle, Recover c) Renew, Recondition, Reuse, Refuse d) Retrieve, Regain, Recoup, Reprocess	
89	Which one of the following is considered as the Golden R's of conservation? a) Reduce, Reclaim, Reprocess, Recover b) Reduce, Reuse, Recycle, Recover c) Renew, Recondition, Reuse, Refuse d) Retrieve, Regain, Recoup, Reprocess	[1]
90	From the following, which one would be the appropriate reason to explain why resources like Coal, Petroleum, Natural gas, etc are considered as Non - renewable. 1. As the resources are found everywhere 2. As it may take millions of years to produce them again. 3. As the distribution of resources is confined only to certain places. 4. As the resources can be destroy due to the careless type. a) Only B b) Only A c) Only C d) Only D	[1]

91	Indian Constitution was made in how much time period? a) 1 years 11 months 18 days b) 2 years 11 months 18 days c) 2 years 10months 18 days d) 3 years 11 months 18 days	[1]
92	This Fundamental Right allows citizens to move the court if they believe that any of their Fundamental Rights have been violated by the state. a) Right against Exploitation b) Right to Constitutional Remedies c) Cultural and Exploitation d) Right to Freedom of Religion	[1]
93	What does the term Socialist refer to as per Indian Constitution? a) Equal opportunities to everyone to make use of the resources of the country b) No discrimination on the basis of religion c) An independent India, no longer governed by any external authority d) People of India govern themselves through their elected representatives	[1]
94	Which one of the following is not a key feature of the Indian Constitution? a) Separation of Power b) Secularism c) Presidential form of Government d) Federalism	[1]
95	Reservations are given to those who belong to scheduled castes and tribes in educational institutions, government jobs, etc. This shows that the Indian Constitution has: a) Strived to ensure an equitable and just society by reducing economic and social injustice b) Citizens have the freedom to express their opinion c) The Indian Constitution proclaims that the head of the state will be elected and not be a hereditary ruler d) An independent India, no longer governed by any external authority	[1]
96	The important fundamental rights to Equality is mentioned in which article of the constitution? a) Article 14 - 18 b) Article 19 - 22 c) Article 23 - 24 d) Article 29 - 30	[1]
97	Fundamental rights refer to: 1. The list of subjects of the central government. 2. The list of subjects of the state government. 3. The basic rights which are granted to citizens for holistic growth of the individuals. 4. The list of subjects of both the state and central governments. a) Only 2 b) Only 3 c) Only 1 d) Only 4	[1]
98	India is a Republic country. Choose the exact meaning of this statement from the options given below: 1. The Indian Constitution proclaims that the head of the state will be elected and not be a hereditary ruler. 2. Equal opportunities to everyone in the country. 3. No discrimination on the basis of religion. 4. An independent India, no longer governed by any external authority. a) Only A b) Only D c) Only C d) Only B	[1]
99	The directives to the government which ensure social and economic reforms are called _____. a) directive viewpoints b) directive values c) directive philosophies d) directive principles	[1]
100	The three - tier federal structure of the Indian government is composed of: a) Two at the state level and one at the local level b) One government at the centre and two at the local level c) One government at centre, another at state, another at local level d) One government at the centre and two at the state level	[1]