

ATOMIC ENERGY EDUCATION SOCIETY
MULTIPLE CHOICE QUESTION TEST - AUGUST 2019

CLASS: VIII

SUBJECT: MATHS

Name: _____

Class/Sec: _____

R. No. _____

Date: _____

Time: 1 Hour

Max. Marks: 40

Choose the Correct Answer: (40x1=40Marks)		Answer
1	a) $(b + c) = ab + ac$ is called _____ law a) commutative b) associative c) distributive d) closure	()
2	Equations use _____ sign, which is missing in expressions a) = b) + c) < d) >	()
3	A simple closed curve made up of only line segments is called a a) curve b) polygon c) surface d) plane	()
4	To construct a quadrilateral uniquely, it is necessary to have the knowledge of at least _____ of its parts a) 5 b) 4 c) 3 d) 2	()
5	0 is not a) a natural number b) a whole number c) an integer d) a rational number	()
6	Highest power on the variable is called _____ a) coefficient b) variable c) degree d) term	()
7	A polygon having 10 sides is called a a) Heptagon b) Octagon c) Nonagon d) Decagon	()
8	Which of the following is not a parallelogram a) trapezium b) rectangle c) rhombus d) square	()
9	The additive inverse of $-\frac{3}{4}$ is a) $-\frac{3}{4}$ b) 1 c) 0 d) $\frac{3}{4}$	()
10	The degree of a linear equation is _____ a) 0 b) 1 c) 2 d) 3	()

11	A line segment connecting two non consecutive vertices of a polygon is a	a) diameter	b) tangent	c) vertex	d) diagonal	()
12	Adjacent angles of a parallelogram are	a) supplementary	b) equal	c) complementary	d) always right angles	()
13	The multiplicative inverse of $\frac{-3}{7}$ is	a) $\frac{7}{3}$	b) $\frac{-7}{3}$	c) $\frac{3}{7}$	d) $\frac{-3}{7}$	()
14	Standard form of a linear equation in one variable is	a) $ax + b = 0$	b) $ax + by = c$	c) $ax^2 + bx + c = 0$	d) $ax^2 + b y^2 = c$	()
15	Polygons that have no portions of their diagonals in their exteriors is a _____ polygon.	a) concave	b) convex	c) plane	d) complex	()
16	Name a quadrilateral which is both a rectangle and a rhombus	a) kite	b) square	c) parallelogram	d) trapezium	()
17	The rational number that does not have a reciprocal is	a) 0	b) -1	c) 1	d) $\frac{1}{2}$	()
18	Which of the following is not a linear equation in one variable?	a) $3x + 2 = 0$	b) $2y - 4 = y$	c) $x + 2y = 7$	d) $2(x - 3) + 7 = 0$	()
19	A regular polygon is	a) only equilateral	b) only equiangular	c) both equilateral and equiangular	d) neither equilateral nor equiangular	()
20	Two adjacent angles of a parallelogram are in the ratio 2: 3 . The measure of the smaller angle is	a) 108°	b) 72°	c) 40°	d) 36°	()
21	Sum of two rational numbers is 0. If one of them is $\frac{-4}{5}$, then other is	a) $\frac{-4}{5}$	b) $\frac{4}{5}$	c) $\frac{-5}{4}$	d) $\frac{5}{4}$	()

22	Solution of the equation $3x - 1 = 5$ is				()
	a) $\frac{4}{3}$	b) -2	c) 2	d) 6	
23	A regular polygon of 3 sides is				()
	a) square	b) rhombus	c) equilateral triangle	d) isosceles triangle	
24	Quadrilateral having only one pair of opposite sides parallel is				()
	a) kite	b) square	c) parallelogram	d) trapezium	
25	What should be subtracted from $-\frac{5}{3}$ to get $-\frac{2}{7}$?				()
	a) $\frac{29}{21}$	b) $-\frac{21}{29}$	c) $-\frac{29}{21}$	d) $\frac{21}{29}$	
26	A number when added to its one fourth gives 40. Find the number.				()
	a) 16	b) 36	c) 32	d) 40	
27	Number of diagonals a regular hexagon has is				()
	a) 6	b) 9	c) 3	d) 0	
28	In which of the following are diagonals equal as well as bisect at right angles				()
	a) rhombus	b) square	c) parallelogram	d) rectangle	
29	Sum of a rational number and its additive inverse is				()
	a) 1	b) 0	c) -1	d) not defined	
30	In a class of 92 students, three fourth are boys and the rest are girls. The number of girls is				()
	a) 23	b) 69	c) 46	d) 33	
31	If n is the number of sides of a polygon then its angle sum is				()
	a) $(n+2) \times 180^\circ$	b) $(n-2) \times 180^\circ$	c) $(n-2) \times 90^\circ$	d) $(n+2) \times 90^\circ$	
32	The sum of the measures of the external angles of any polygon is				()
	a) 45°	b) 90°	c) 180°	d) 360°	
33	Arjun is twice as old as Shriya. If 5 years ago his age was three times Shriya's age, then Arjun's present age is _____ years				()
	a) 10	b) 15	c) 20	d) 25	

34	When 9 is added to two times a number, we get 67. The number is				
	a) 25	b) 27	c) 29	d) 31	()
35	Number of sides a regular polygon has if each of its interior angles is 165°				
	a) 24	b) 15	c) 42	d) 51	()
36	If the ratio between an exterior and interior angle of a regular polygon is 1:5, then the number of sides of regular polygon is				
	a)11	b) 12	c) 13	d) 14	()
	RENT is a rectangle. It's diagonals meet at O.Find x if $OR = 2x + 4$ and $OT = 3x + 1$				
37					
	a) -2	b) 2	c) 3	d) -3	()
38	The value of y in $-\frac{2}{3} = 2y$ is				
	a)1/3	b)-1/3	c) β	d)-3	()
39	Angle sum of a convex polygon with 10 sides is				
	a) 900°	b) 1080°	c) 1440°	d) 360°	()
40	The measures of the three angles of a quadrilateral are 65° , 75° and 85° . the measure of the fourth angle is				
	a) 140°	b) 160°	c) 170°	d) 135°	()

ATOMIC ENERGY EDUCATION SOCIETY

Time: 1 Hour

MCQ TEST - AUGUST

Max. Marks: 40

MATHS-VIII STD

Marking Scheme

Question No.	Option	Answer	Question No.	Option	Answer
1	c	distributive	21	b	4/5
2	a	=	22	c	2
3	b	polygon	23	c	Equilateral triangle
4	a	5	24	d	trapezium
5	a	A natural number	25	c	-29/21
6	c	degree	26	c	32
7	d	Decagon	27	b	9
8	a	trapezium	28	b	square
9	d	3/4	29	b	0
10	b	1	30	a	23
11	d	diagonal	31	b	$(n - 2) \times 180^\circ$
12	a	supplementary	32	d	360°
13	b	-7/3	33	c	20
14	a	$ax + b = 0$	34	c	29
15	b	convex	35	a	24
16	b	square	36	b	12
17	a	0	37	c	3
18	c	$X + 2y = 7$	38	b	-1/3
19	c	Both equilateral and equiangular	39	c	1440°
20	b	72°	40	d	135°

ATOMIC ENERGY EDUCATION SOCIETY
MULTIPLE CHOICE QUESTION TEST (AUGUST 2019)

Std : **VIII** Subject: **SCIENCE**

Time: **1 hr.** MM: **40**

Name: _____ Class/Sec: ____ Roll No: ____

Invigilator's Sign: _____ Examiner's Sign _____

Instruction: Write the correct option in the bracket () given against the corresponding question.

1. Paddy can be grown in ?
a) summer season b) autumn c) rainy season d) winter **Ans: ()**
2. Which of the following is a rabi crop ?
a) paddy b) maize c) mustard d) soyabean **Ans: ()**
3. Loosening and turning of the soil is known as ?
a) tilling b) broadcasting c) transplantation d) manuring **Ans: ()**
4. Chemical substances rich in specific nutrients are called ?
a) manure b) fertilizer c) pesticide d) weedicide **Ans: ()**
5. Cutting and gathering of crops after maturation is known as ?
a) harvesting b) threshing c) broadcasting d) tilling **Ans: ()**
6. The method of transferring seedlings from nursery to field is known as ?
a) broadcasting b) transplantation c) crop rotation d) harvesting **Ans: ()**
7. Microorganisms exhibiting the characteristics of living and non living organisms are known as?
a) bacteria b) virus c) algae d) fungi **Ans: ()**
8. A person bitten by dog gets ?
a) malaria b) tetanus c) typhoid d) rabies **Ans: ()**
9. Amoebic dysentery is transmitted by ?
a) sneezing b) using contaminated water c) direct contact d) wound **Ans: ()**
10. Anthrax in cattle is caused by ?
a) fungi b) virus c) bacteria d) algae **Ans: ()**
11. The process of conversion of sugar into alcohol is called ?
a) nitrogen fixation b) moulding c) fermentation d) infection **Ans: ()**
12. Wheat, maize and oats are preserved by ?
a) using sugar & salt b) pasteurization
c) drying d) using chemical preservations **Ans: ()**

13. Electrical switches are made of ?
 a) nylon b) Bakelite c) polythene d) melamine **Ans: ()**
14. Clothes made of which fabric are best suited for hot climate ?
 a) cotton b) nylon c) acrylic d) polycot **Ans: ()**
15. Naturally occurring polymer is ?
 a) cellulose b) polyester c) nylon d) PVC **Ans: ()**
16. Which material is best suited for covering electric wires ?
 a) polythene b) PVC c) polystyrene d) nylon **Ans: ()**
17. Pickles are kept in plastic containers because plastic containers are ?
 a) non corrosive b) light c) colourful d) cheap **Ans: ()**
18. Which is synthetic fiber ?
 a) cotton b) silk c) jute d) rayon **Ans: ()**
19. Which of the following properties is generally not shown by metals ?
 a) ductility b) sonorous c) dullness d) electrical **Ans: ()**
20. The ability of metals to be draw into wires is known as ?
 a) ductility b) conductivity c) malleability d) sonorosity **Ans: ()**
21. Galvanization is a method of protecting iron from rusting by coating with a thin layer of ?
 a) silver b) gallium c) zinc d) aluminum **Ans: ()**
22. An alloy is ?
 a) a compound b) a heterogeneous mixture
 c) a homogenous mixture d) element **Ans: ()**
23. Generally, non metals are not conductors of electricity which of the following is a good conductor of electricity ?
 a) fullerenes b) graphite c) diamond d) sulphur **Ans: ()**
24. Which of the following non metal is a liquid ?
 a) sulphur b) phosphorous c) carbon d) bromine **Ans: ()**
25. Wind, sun and hydropower are ?
 a) renewable b) non renewable c) synthetic sources d) none of these **Ans: ()**
26. The unit of calorific value of combustion of fuels is ?
 a) kilo joule b) joule c) kilo joule/kilogram d) kilogram **Ans: ()**
27. A brownish black sedimentary rock is known as ?
 a) charcoal b) coke c) coal d) coal tar **Ans: ()**

ATOMIC ENERGY EDUCATION SOCIETY

CLASS : VIII –SCIENCE (MCQ)

Answer Key

Q. No.	Correct Option & Correct Answer	Q. No.	Correct Option & Correct Answer
1.	c) rainy season	2.	c) mustard
3.	a) tilling	4.	b) fertilizer
5.	a) harvesting	6.	b) transplantation
7.	b) virus	8.	d) rabies
9.	b) using contaminated water	10.	c) bacteria
11.	c) fermentation	12.	c) drying
13.	b) Bakelite	14.	a) cotton
15.	a) cellulose	16.	b) PVC
17.	a) non corrosive	18.	d) rayon
19.	c) dullness	20.	a) ductility
21.	c) zinc	22.	c) a homogenous mixture
23.	b) graphite	24.	d) bromine
25.	a) renewable	26.	c) kilo joule/kilogram
27.	c) coal	28.	b) coke
29.	b) petroleum	30.	d) petroleum
31.	c) LPG	32.	a) oxygen
33.	c) explosion	34.	a) carbon-dioxide
35.	b) food	36.	b) rapid combustion
37.	b) carbon-dioxide	38.	a) non luminous
39.	a) sodium	40.	b) aluminum

10. Which Governor – General defeated Sirajuddaulah at the battle of Plassey?
a. Robert Clive b. William Bentinck c. Warren Hastings d. Lord Wellesley Ans: ()
11. Which of these states was annexed through the Doctrine of Lapse?
a. Satara b. Nagpur c. Jhansi d. All of these Ans: ()
12. Who was Peshwa?
a. Principal Minister of Marathas b. King of Marathas
c. King of Awadh d. None of these Ans: ()
13. _____ were known as ryots.
a. Cultivators b. Zamindars c. Landlords d. Labourers Ans: ()
14. The Champaran movement was against _____
a) Britishers b. The Indigo Planters c. Landlords d. Revenue officials Ans: ()
15. Who introduced permanent settlement of Land in Bengal.
a. Lord Hastings b. William Bentinck c. Lord Cornwallis d. None of these Ans: ()
16. Who was Birsa?
a. Leader of Munda tribe b. Leader of Oraon tribe
c. Leader of Ho tribe d. Leader of Khasi tribe Ans: ()
17. Who used to do Jhum Cultivation?
a. Villagers b. Urban People c. Forest dwellers d. Tribals. Ans: ()
18. What is Sal?
a. A type of cloth b. A type of tree
c. A type of Honey d. A type of Herb. Ans: ()
19. The age of truth is known as _____
a. Satyug b. Kalyug c. Treta Yug d. Dwaparyug. Ans: ()
20. Bewar is a term used for shifting cultivation in _____
a. Jharkhand b. Chattisgarh c. Madhya Pradesh d. Assam Ans: ()
21. Which area has wind mills?
a. Neyveli b. Jharia c. Nagercoil d. Singhbhum Ans: ()

22. Metals have a _____ value.
a. Economic b. Legal c. Aesthetic d. Ethical Ans: ()
23. Invention of wheel has resulted in development of _____
a. Transport b. Industries c. Agriculture d. Minerals Ans: ()
24. What type of resource is Uranium in Ladakh?
a. Actual b. Potential c. Biotic d. Abiotic Ans: ()
25. Land covers about _____ percent of total surface area of the earth.
a. 26 b. 27 c. 28 d. 29 Ans: ()
26. Water occupies _____ percent of surface area of the earth.
a. 65 b. 70 c. 71 d. 74 Ans: ()
27. Pangi village where landslide occurred is in state of _____
a. Punjab b. Haryana c. Jammu and Kashmir d. Himachal Pradesh Ans: ()
28. Which is a common method of conservation of Land?
a. Afforestation b. Agriculture c. Industry d. Dry Farming Ans: ()
29. Mass movement of rock down a slope is called _____
a. Reclamation b. Afforestation c. Terraced farming d. Land slide Ans: ()
30. Which is not a major threat to environment?
a. Land degradation b. Land slide c. Agriculture d. Soil erosion Ans: ()
31. Who was the Chairman of the Drafting committee of the constituent Assembly?
a. Dr. B.R. Ambedkar b. Pt. Jawaharlal Nehru c. Dr. Rajendra Prasad
d. K.M. Munshi Ans: ()
32. At present Indian Citizen enjoys _____ Fundamental Rights.
a. Seven b. Eight c. Six d. None of these Ans: ()
33. Aim of the constitution are mentioned in the _____
a. Preamble b. Fundamental Rights
c. Directive Principles d. None of the above Ans: ()

34. Which of the following right is available under the Indian constitution?
a. Right to Equality b. Right to Freedom
c. Right against Exploitation d. All the above. Ans: ()
35. Indian constitution was framed by _____
a. Indian Parliament b. Dr. Ambedkar
c. Constituent Assembly d. British Parliament. Ans: ()
36. Which Article of the Indian constitution does abolish untouchability?
a. Article 17 b. Article 15 c. Article 18 d. Article 16 Ans: ()
37. Which amendment of the constitution added the word secular in the preamble?
a. 44th Amendment b. 52nd Amendment
c. 42nd Amendment d. 74th Amendment Ans: ()
38. The Indian constitution was enforced on _____
a. 9th December 1950 b. 15th August 1947
c. 26th November 1949 d. 26th January 1950 Ans: ()
39. Which of the following rights aims at making India a secular state?
a. Right to freedom of religion b. Right to Equality
c. Right to Education d. Right to Freedom Ans: ()
40. _____ was in great demand in European markets.
a. Indian silk b. Cloth c. Indigo d. All of these Ans: ()

**ATOMIC ENERGY EDUCATION SOCIETY
MCQ TEST –AUGUST 2019**

Std : VIII

SOCIAL SCIENCE

Time : 1 hr.

ANSWER KEY

- | | | | |
|-----|--------------------------------------|-----|----------------------------------|
| 1. | b. Warren Hastings | 21. | c. Nagercoil |
| 2. | c. 1817 | 22. | a. Economic |
| 3. | b. 18 th Century | 23. | a. Transport |
| 4. | d. All of these | 24. | b. Potential |
| 5. | a. 1707 | 25. | d. 29 |
| 6. | d. Mughal Emperor | 26. | c. 71 |
| 7. | a. A Royal order issued by Aurangzeb | 27. | d. Himachal Pradesh |
| 8. | b. Battle of Buxar | 28. | a. Afforestation |
| 9. | b. 1498 | 29. | d. Landslide |
| 10. | a. Robert Clive | 30. | c. Agriculture |
| 11. | d. All of these | 31. | a. Dr. B.R. Ambedkar |
| 12. | a. Principal Minister of Marathas | 32. | c. Six |
| 13. | a. Cultivators | 33. | a. Preamble |
| 14. | b. The Indigo Planters | 34. | d. All the above |
| 15. | c. Lord Cornwallis | 35. | c. Constituent Assembly |
| 16. | a. Leader of Munda tribe | 36. | a. Article 17 |
| 17. | d. Tribals | 37. | c. 42 nd Amendment |
| 18. | b. A type of tree | 38. | d. 26 th January 1950 |
| 19. | a. Satyug | 39. | a. Right to freedom of religion |
| 20. | c. Madhya Pradesh | 40. | a. Indian Silk |