

Atomic Energy Central School No.4 Rawatbhata

Multiple Choice Questions Test (April – May 2019-20)

MM: 100 Class VIII (Mathematics, Science, Social Science) Time: 90 Minutes

Note: Marks the most suitable option in OMR.

- 1 What should be added to $-5/4$ to get -1 ?
A) $-1/4$ B) $1/4$ C) 1 D) $-3/4$
- 2 What should be subtracted from $-5/4$ to get -1 ?
A) $-1/4$ B) $1/4$ C) 1 D) $-3/4$
- 3 Which of the following is the identity element (addition of rational numbers)?
A) 1 B) -1 C) 0 D) None of these
- 4 Which of the following is the Multiplicative identity for rational numbers?
A) 1 B) -1 C) 0 D) None of these
- 5 Which of the following is neither a positive nor a negative rational number?
A) 1 B) 0 C) Such a rational number does not exist D) None of these
- 6 Which of the following lies between 0 and -1 ?
A) 0 B) -3 C) $-2/3$ D) $4/3$
- 7 Which of the following is the reciprocal of 'a'?
A) $-a$ B) a C) $1/a$ D) $-1/a$
- 8 Which of the following is the product of $7/8$ and $-4/21$?
A) $-1/6$ B) $1/12$ C) $-16/63$ D) $-147/16$
- 9 Which of the following is the product of $(-7/8)$ and $4/21$?
A) $-1/6$ B) 12 C) $-63/16$ D) $-16/147$
- 10 Which of the following is the reciprocal of the reciprocal of a rational number?
A) -1 B) 1 C) 0 D) The number itself
- 11 The additive inverse of a/b is
A) $-b/a$ B) b/a C) a/b D) $-a/b$
- 12 Addition is associative for
A) Natural numbers B) Whole numbers C) Rational numbers D) All of these
- 13 Rational numbers are not closed under
A) Addition B) Subtraction C) Multiplication D) division
- 14 Associative property for subtraction is not followed in _____
A) Whole numbers B) integers C) natural numbers D) All of these
- 15 The additive inverse of $7/5$ is
A) 1 B) 0 C) $-7/5$ D) $7/5$

- 16 Zero has _____ reciprocal.
- A) 1 B) 2 C) 3 D) no
- 17 The numbers _____ and _____ are their own reciprocals
- A) 1 and 0 B) 1 and -1 C) -1 and 0 D) none of these.
- 18 The reciprocal of -5 is _____.
- A) 5 B) 1 C) $-1/5$ D) $1/5$
- 19 Reciprocal of $1/x$, where x not equal to 0 is _____.
- A) 1 B) x C) 0 D) none of these
- 20 The product of two rational numbers is always a _____.
- A) whole numbers B) integers C) natural numbers D) rational numbers
- 21 Simplify: $-4/5 \times 3/7 \times 15/16 \times (-14/9)$
- A) 1 B) 0 C) 2 D) $1/2$
- 22 The sum of the rational numbers $5/16$ and $7/12$ is
- A) $7/48$ B) $11/30$ C) $13/48$ D) $1/3$
- 23 What number should be added to $7/12$ to get $4/15$?
- A) $-21/60$ B) $11/30$ C) $51/60$ D) $1/20$
- 24 The reciprocal of a positive rational number is _____.
- A) negative B) positive C) zero D) none of these
- 25 What number should be subtracted from $3/5$ to get -2 ?
- A) $-7/5$ B) $-13/5$ C) $13/5$ D) $7/5$
- 26 Which of the rational numbers $11/28, 5/7, 9/14, 29/42$ is the greatest?
- A) $11/28$ B) $5/7$ C) $9/14$ D) $29/42$
- 27 Which of the rational numbers $5/16, 13/24, 3/4, 7/12$ is the smallest?
- A) $5/16$ B) $13/24$ C) $3/4$ D) $7/12$
- 28 Simplify: $2/4 + -4/5 + 7/15 + -11/20$
- A) $-1/5$ B) $-23/60$ C) $-4/50$ D) $-7/30$
- 29 Rational number $3/40$ is equal to:
- A) 0.75 B) 0.12 C) 0.012 D) 0.075
- 30 A rational number between 3 and 4 is:
- A) $3/2$ B) $4/3$ C) $7/2$ D) $7/4$
- 31 A rational number between $3/5$ and $4/5$ is:
- A) $7/5$ B) $7/10$ C) $3/10$ D) $4/10$
- 32 A rational number between $1/2$ and $3/4$ is:
- A) $2/5$ B) $5/4$ C) $4/3$ D) $1/4$
- 33 The multiplicative inverse of $3/40$ is:
- A) 1 B) 0 C) Any number D) none of these
- 34 Which of the following number lies in middle of $3/4$ & $7/4$

- A) 5.0 B) 3.0 C) 2.5 D) 1.25
- 35 The additive identity of natural numbers is
A) 0 B) 1 C) -1 D) None of these
- 36 Watering the crops is called:
A) sowing B) manuring C) tilling D) irrigation
- 37 Weeds are the:
A) main crop plants B) insects and pests C) unwanted plants growing along the crop D) chemical substances
- 38 Combines are used for:
A) sowing of seeds B) harvesting the crops C) threshing D) harvesting and threshing both
- 39 Separating grains from chaff is called:
A) winnowing B) threshing C) fallow D) harvesting.
- 40 Weedicides are used to destroy:
A) insects B) weeds C) pests D) none of these
- 41 Kharif crops are sown in
A) March, April B) May, June C) October, November D) Any time
- 42 Wheat and gram belong to
A) Rabi crops B) Kharif crops C) Both of these D) None of these
- 43 Examples of kharif crops are
A) Wheat and maize B) Gram and maize C) Paddy and maize D) All of these
- 44 2-4D is a
A) Pesticides B) Insecticides C) Fungicides D) Weedicides
- 45 Seed drill is used to
A) sow the seeds B) remove the weeds C) remove the pest D) mix manure in the soil.
- 46 Antibiotics are prepared by :
A) protozoa & fungus B) virus & fungus C) virus and algae D) bacteria & fungus
- 47 Diarrhoea & malaria are caused by :
A) bacteria B) protozoa C) fungus D) virus
- 48 The status of algae in aquatic food chain is :
A) producer B) host C) decomposer D) consumer
- 49 Malaria is caused by
A) protozoa B) fungi C) virus D) bacteria
- 50 The carrier of dengue is
A) male Anopheles mosquito B) female Anopheles mosquito C) male Aedes mosquito D) female Aedes mosquito
- 51 The disease spread due to bacteria is

- A) malaria B) polio C) chicken pox D) tuberculosis
- 52 The rod shaped bacteria are called
- A) bacillus B) vibrio C) coccus D) spirillum
- 53 The microorganism which contain chlorophyll is
- A) algae B) fungi C) virus D) bacteria
- 54 Which of the following is not used for food preservation
- A) salt B) vinegar C) sugar D) water
- 55 Watering the crops is called:
- A) sowing B) manuring C) tilling D) irrigation
- 56 Spyrogyra is
- A) An algae B) A fungi C) A protozoa D) A bacteria
- 57 Vaccine for small pox is discovered by
- A) Louis Pasteur B) Alexander Fleming C) Edward Jenner D) John Mendal
- 58 Mushroom belongs to
- A) Algae B) Virus C) Fungi D) protozoa
- 59 Amoeba belongs to
- A) Fungi B) Algae C) protozoa D) bacteria
- 60 Scientist who discovered fermentation is
- A) Alexander Fleming B) Louis Pasteur C) Edward Jenner D) Robert Koch
- 61 Rhizobium bacteria
- A) Help in digestion B) Help in nitrogen fixation C) Causes plant diseases D) Causes animal diseases
- 62 Penicillium is a
- A) A fungi B) Algae C) A bacteria D) A protozoa
- 63 Plant disease Citrus canker is caused by
- A) A bacteria B) A fungi C) A protozoa D) A virus
- 64 The temperature and time for pasteurizing milk is
- A) 80°C & 10 min B) 75°C & 15 min C) 70°C & 15 min D) 60°C & 10 min
- 65 Which of the following helps in making curd from milk?
- A) Lactobacillus B) Plasmodium C) Yeast D) Salmonella
- 66 Antibiotics are effective against which of the following?
- A) Bacteria B) Fungi C) Virus D) All of the above
- 67 The common most carrier for diseases is
- A) Mosquito B) Housefly C) Ant D) Dragonfly
- 68 Who became head of the Government in Nepal in 2005?
- A) King Birendra B) King Gyanendra C) King Narendra D) King Vijendra
- 69 In 1934 the Indian national Congress made the demand for a

- A) Temporary Government B) Interim Government C) Democratic Government D) Constituent assembly
- 70 Calligraphist are specialized in the art of:
A) Preparing maps B) Beautiful writing C) Beautiful painting D) None of these
- 71 James Mill divided Indian history into:
A) Three parts B) two parts C) four parts D) Six parts
- 72 Who asked Rennel to produce the map of India?
A) Irwin B) James Mill C) Robert Clive D) Bentinck
- 73 Botanical Garden was established in India by:
A) Britain B) America C) England D) Canada
- 74 Murshid Quli Khan was the nawab of:
A) Awadh B) Bengal C) Calcutta D) Bombay
- 75 The famous Battle of Plassey was fought between:
A) Lord Dalhousie and Siraj-ud-daulah B) Lord Dalhousie and Tipu Sultan C) Robert Clive and Siraj-ud-daulah D) Robert Clive and Tipu Sultan
- 76 Battle of Plassey was fought in the year:
A) 1757 B) 1857 C) 1654 D) 1754
- 77 The founder of the Doctrine of Lapse was _____
A) Lord Wellesley B) Lord Mountbatten C) Lord Dalhousie D) Warren Hastings
- 78 Which of the following was not a presidency?
A) Bombay B) Calcutta C) Jhansi D) Madras
- 79 Rani Channamma was the ruler of:
A) Kittoor B) Kalikata C) Jhansi D) Mysore
- 80 The first British factory was set up in:
A) Calcutta B) Madras C) Bombay D) Bihar
- 81 The successor of Haider ali was
A) Tipu Sultan B) Siraj-ud-daulah C) Mir Jafar D) Aurangzeb
- 82 The organ which is responsible for implementing laws-
A) Legislature B) Executive C) Judiciary D) All of these
- 83 In India, what does secularism mean?
A) Islam and hinduism is official religion B) Hinduism is official religion C) All religion is official D) No official religion
- 84 This right gives freedom to practice any profession, occupation or business within the pretext of the constitution of India.
A) Right to Equality B) Cultural & Educational Right C) Right to Freedom D) Right against Exploitation
- 85 The first Governor – General of India was:
A) Lawrence B) Warren Hastings C) Lord Curzon D) Bentinck
- 86 India is a democratic country because-

- A) All religions are treated equally B) People can do whatever they wish C) People do not pay taxes D) People enjoy equal political rights
- 87 When did Nepal become a Monarchy?
 A) 2001 B) 2002 C) 2004 D) 2006
- 88 The right to vote given to all adult citizen is known as
 A) Universal adult suffering B) Universal adult suffrage C) Universal adult voting D) Universal men suffrage
- 89 Panchayati Raj is _____ tier of system of governance
 A) 1st B) 2nd C) 3rd D) None
- 90 The task of preparing India's map was given to:
 A) Irwin B) James Mill C) Lawrence D) James Rennel
- 91 The most powerful Moghul ruler in India was:
 A) Aurangzeb B) Akbar C) Shah Jahan D) Bahadur Shah Zafar
- 92 The battle of Buxar took place in:
 A) 1757 B) 1756 C) 1764 D) 1765
- 93 The new system of justice was setup in the year:
 A) 1774 B) 1771 C) 1772 D) 1781
- 94 Who issued a farman to East India Company granting it the right to trade duty free?
 A) Queen Elizabeth B) Mir Quasim C) Lord dalhousie D) Aurangzeb
- 95 Tipu sultan died in:
 A) 1799 B) 1774 C) 1742 D) 1781
- 96 Bahadur Shah Zafar was arrested by:
 A) Captain Hudson B) Captain Robert C) Wellesely D) Bentick
- 97 Robert Clive committed suicide in
 A) 1802 B) 1701 C) 1774 D) 1849
- 98 Who discovered the sea route to India?
 A) Vasco-da-Gamma B) Columbus C) Chehgaj Khan D) Mughals
- 99 Who deceived Nawab Siraj-ud-daulah in battle of Plassey?
 A) Mir jafar B) Mir Quasim C) Mir Sulaj D) Mir Hukum
- 100 Who is a Maratha soldiers and statesmen of the late 18th century?
 A) Ranjit Singh B) Nana Phadnis C) Bithal Pater D) Alivardi Khan

Answer Key

1	2	3	4	5	6	7	8	9	10
B	A	C	A	B	C	C	A	A	D
11	12	13	14	15	16	17	18	19	20
D	D	D	D	C	D	B	C	D	B
21	22	23	24	25	26	27	28	29	30
D	C	A	B	B	B	A	B	D	C
31	32	33	34	35	36	37	38	39	40
A	B	D	D	D	D	C	D	A	B
41	42	43	44	45	46	47	48	49	50
B	A	A	D	A	D	B	A	A	D
51	52	53	54	55	56	57	58	59	60
D	A	A	D	D	A	C	C	C	B
61	62	63	64	65	66	67	68	69	70
B	A	A	C	A	A	B	B	D	B
71	72	73	74	75	76	77	78	79	80
A	C	A	B	C	B	C	C	A	A
81	82	83	84	85	86	87	88	89	90
A	B	D	C	B	D	D	B	C	D
91	92	93	94	95	96	97	98	99	100
A	C	C	D	A	A	C	A	A	B