

Atomic Energy Central School No.4 Rawatbhata

MCQ Test for the month of August(2018-19)

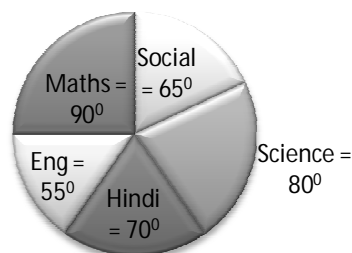
Time: 3:00 Hrs

Class VIII (all subjects)

MM: 120

Note: Select the best option:

- 1 A dice is thrown two times and sum of the numbers appearing on the dice are noted. The number of possible outcomes is
 (A) 6 (B) 11 (C) 18 (D) 36
- 2 The probability of getting a multiple of 2 when a dice is rolled is
 A) $\frac{1}{6}$ B) $\frac{1}{3}$ C) $\frac{1}{2}$ D) $\frac{2}{3}$
- 3 The fourth class interval for a grouped data whose first and second class intervals are 10 –15 and 15 –20 respectively is _____.
 A) 25 - 30 B) 30 - 35 C) 20 - 25 D) 35 - 40
- 4 In the class interval 250 – 275, 250 is known as the _____.
 A) Upper class interval B) Lower class limit. C) Middle class interval D) None of these
- 5 The number of times a particular observation occurs in the given data is called its _____.
 A) Lower class limit. B) Upper class interval C) Frequency. D) Middle class interval
- 6 The central angle of the sectors in a pie chart will be a fraction of 360° .
 A) Neither True nor False B) Either True or False C) False D) True.
- 7 On throwing a dice, the probability of occurrence of an odd number is $\frac{1}{2}$.
 A) Neither True nor False B) Either True or False C) False D) True.
- 8 A pie chart is also called a pictograph.
 A) Neither True nor False B) Either True or False C) False D) True.
- 9 The weekly wages (in Rs.) of 30 workers in a factory are
 830, 835, 890, 810, 835, 836, 869, 845, 898, 890, 820, 860, 832, 833, 855,
 845, 804, 808, 812, 840, 885, 835, 835, 836, 878, 840, 868, 890, 806, 840.
 Using frequency distribution table with class intervals 800 – 810, 810 – 820 and so on, which class interval has maximum frequency.
 A) 890 – 900 B) 830 – 840 C) 840 – 850 D) 860 – 870
- 10 The pie chart gives the marks scored in an examination by a student in different subjects. If the total marks obtained were 540, In which subject did the student score 105 marks?



- | | A) | Hindi | B) | Social | C) | Science or English | D) | Maths |
|----|---|--------|----|------------|----|--------------------|----|--------|
| 11 | Which of the following is the square of an odd number? | | | | | | | |
| | A) | 256 | B) | 361 | C) | 144 | D) | 400 |
| 12 | Which of the following will have 1 at its units place? | | | | | | | |
| | A) | 17^2 | B) | 18^2 | C) | 19^2 | D) | 16^2 |
| 13 | How many natural numbers lie between 18^2 and 19^2 ? | | | | | | | |
| | A) | 30 | B) | 37 | C) | 35 | D) | 36 |
| 14 | $11 + 13 + 15 + 17 + 19 + 21 + 23 + 25 + 27 + 29 + 31 + 33 = \underline{\hspace{2cm}}$? | | | | | | | |
| | A) | 264 | B) | 256 | C) | 324 | D) | 289 |
| 15 | How many natural numbers lie between 23^2 and 47^2 ? | | | | | | | |
| | A) | 1230 | B) | 1237 | C) | 1680 | D) | 1679 |
| 16 | Which of the following is not a perfect square? | | | | | | | |
| | A) | 361 | B) | 1156 | C) | 1128 | D) | 1681 |
| 17 | A perfect square can never have the following digit at ones place. | | | | | | | |
| | A) | 1 | B) | 6 | C) | 5 | D) | 3 |
| 18 | The value of $\sqrt{176} + \sqrt{2401}$ is | | | | | | | |
| | A) | 14 | B) | 15 | C) | 16 | D) | 17 |
| 19 | Given that $\sqrt{5625} = 75$, the value of $\sqrt{0.5625} + \sqrt{56.25}$ is: | | | | | | | |
| | A) | 82.5 | B) | 0.75 | C) | 8.25 | D) | 75.05 |
| 20 | There are ___ perfect squares between 1 and 50. | | | | | | | |
| | A) | 6 | B) | 5 | C) | 7 | D) | 4 |
| 21 | The cube of 100 will have ___ zeroes. | | | | | | | |
| | A) | 5 | B) | 6 | C) | 4 | D) | 7 |
| 22 | The square of 6.1 is _____ . | | | | | | | |
| | A) | 37.21 | B) | 37.1 | C) | 36.01 | D) | 36.10 |
| 23 | $\sqrt{1 + 3 + 5 + 7 + 9 + 11 + 13 + 15 + 17 + 19 + 21 + 23 + 25 + 27 + 29 + 31 + 33} = \underline{\hspace{2cm}}$? | | | | | | | |
| | A) | 8 | B) | 17 | C) | 6 | D) | 2 |
| 24 | The positive square root of a number x is denoted by _____. | | | | | | | |
| | A) | x^2 | B) | \sqrt{x} | C) | $\sqrt{x^2}$ | D) | x |
| 25 | The least number to be multiplied with 20 to make it a perfect square is _____ . | | | | | | | |
| | A) | 5 | B) | 20 | C) | 10 | D) | 03 |
| 26 | The value of $\sqrt{9995}$ correct to one place of decimal is _____ . | | | | | | | |
| | A) | 99.95 | B) | 100.0 | C) | 99.9 | D) | 101.1 |
| 27 | The least number that should be added to 9989 so that it becomes a perfect square is _____ . | | | | | | | |

- 28 A) 212 B) 25 C) 11 D) 385
The smallest number of four digit which is a perfect square is _____ .
- 29 A) 1004 B) 9999 C) 1000 D) 1024
The smallest number that is divisible by 12, 16 and 20 is ____ .
- 30 A) 3600 B) 2401 C) infinitely D) no solution.
The least number that should be subtracted from 9989 so that it becomes a perfect square is _____ .
- 31 A) 104 B) 188 C) 100 D) 1024
Which of the following is a cause of deforestation?
- 32 A) Forest fires B) Severe droughts C) Overgrazing D) All of these
Which of the following is not a Consequence of deforestation?
- 33 A) Global warming B) Reduced rainfall C) Ozone depletion D) Desertification
Biosphere is formed by the interaction of
- 34 A) Lithosphere & hydrosphere B) Hydrosphere & Atmosphere C) Atmosphere & Lithosphere D) Lithosphere, Hydrosphere & Atmosphere
The plants & animals found in pachmarhi biosphere reserve are similar to those of
- 35 A) Himalayan Peaks B) Lower western ghats C) Both (A) & (B) D) None of these
Areas where animals are protected from any disturbance to them & their habitat are
- 36 A) Sancturries B) National Parks C) Biosphere Reserve D) None of these
Which of the following is not an example of flora of pachmarhi biosphere reserve
- 37 A) Sal B) Teak C) Mango D) Banyan
A group of organisms which are capable of interbreeding is called
- 38 A) Population B) Family C) Species D) Genera
The book which contain the record of all endangered species is
- 39 A) Red data book B) Yellow book C) Pink dairy D) None of these
Migratory birds migrate to
- 40 A) Escape off climatic extremeties B) Lay eggs C) Search food D) All of these
Restocking of the destroyed forests by planting new trees is known as
- 41 A) Afforestation B) Deforestation C) Reforestation D) Desertification
The Scientist who noticed partitioned boxes in the Cork slice & discovered the basic unit of life was
- 42 A) Robert Brown B) Purkinje C) Dujardin D) Robert Hooke
Which of the following is not unicellular?

- A) Yeast B) Chlamydomonas C) Paramecium D) Bread mould
- 43 Example of cell not having fixed shape
A) Amoeba B) Euglena C) WBC D) Both (A) & (C)
- 44 The jelly like substance present between nucleus & plasma membrane is called
A) Protoplasm B) Nucleoplasm C) Cytoplasm D) Sarcoplasm
- 45 The Chromosomes in a nucleus can be seen only when the
A) Cell divides B) Cell not divides C) Cell is dead D) None of these
- 46 Which of the following contain nucleus without a nuclear membrane?
A) Onion cells B) Cheek Cells C) Bacteria D) None of these
- 47 The Plastids which contain chlorophyll are called
A) Leucoplasts B) Chromoplast C) Alneuroplast D) Chloroplast
- 48 _____ has a big central vacuole
A) Animal cell B) Amoeba C) Plant cell D) Cheek cell
- 49 Cell wall is present in
A) Animal cell B) Plant cell C) Bacterial cell D) Both (B) & (C)
- 50 The outermost boundary in animal cell is
A) Plasma membrane B) Cell wall C) Nuclear membrane D) None of these
- 51 The process by which new life forms are created by the existing life forms is
A) Excretion B) Reproduction C) Resolution D) Transportation
- 52 Sexual reproduction is characterized by
A) Formation of gametes B) Fusion of gametes C) Involvement of two parents D) All of these
- 53 Different parts of sperm are
A) Head & tail B) Tail & middle piece C) Head & middle piece D) Head, middle piece & tail
- 54 In which of the following internal fertilization doesn't occur?
A) Cows B) Dogs C) Frogs D) Hens
- 55 The full form of IVF is
A) Indirect virus formation B) Instant virtual focus C) In vitro Fertilization D) Increased viral fermentation
- 56 The Site of implantation of an embryo is
A) Uterus B) Fallopian tubes C) Cervix D) Ovaries
- 57 How many weeks does an embryo of hen takes to develop into a chick?
A) 8 weeks B) 6 weeks C) 3 weeks D) 4 weeks
- 58 In which of the following life stages of a frog a tail is present
A) Adult frog B) Early tadpole C) Late tadpole D) Both (B) & (C)

- 59 During binary fission in amoeba
- A) First nucleus divides then cell divides B) Cell division is followed by nucleus division C) Cell & nucleus both divide simultaneously D) None of these
- 60 Metamorphosis is observed in
- A) Hydra B) Frog C) Fishes D) Amoeba
- 61 Who started Champaran Movement?
- A) J.L.Nehru B) Raj Kumar Shukla C) Mahatma Gandhi D) Rajendra prasad
- 62 Munro system was developed by :
- A) Thomas B) Captain Alexander Holt Mackenzie C) D) Charles Cornwallis
- 63 Permanent Settlement was introduced by :
- A) Thomas Munro B) Captain Read C) Charles Cornwallis D) Captain Alexander
- 64 The Blue Rebellion took place in :
- A) March 1859 B) January 1861 C) December 1859 D) March 1861
- 65 Bengal faced a terrible famine in:
- A) 1772 B) 1773 C) 1770 D) 1771
- 66 The Khonds belonged to
- A) Gujarat B) Jharkhand C) Odisha D) Punjab
- 67 The Bastar Rebellion in Central India broke out in
- A) 1900 B) 1910 C) 1920 D) 1940
- 68 Jhum Cultivation is practiced these days in
- A) Eastern States of india B) Western states of india C) Northern states of india D) Southern states of india
- 69 Which of the is not a non –ferrous mineral?
- A) Silver B) Copper C) Chromite D) Gold
- 70 Which mineral is used for age –dating of rocks?
- A) Lead B) Iron C) Silver D) Tranquillityite
- 71 Energy generated from ocean tides is called:
- A) Tidal energy B) Wind energy C) Geothermal energy D) Nuclear energy
- 72 ----- is referred to as Buried sunshine:
- A) Petroleum B) Coal C) Kerosene D) Biogas
- 73 What is called black gold?
- A) Natural gas B) Coal C) Petroleum and its D) Fire wood

derivatives

- 74 Name the first country in the world to develop hydroelectricity:
A) Norway B) Pakistan C) India D) Switzerland
- 75 The world's largest geothermal power plants are in :
A) India B) Antarctica C) USA D) Africa
- 76 About ----- of India's population is still dependent on agriculture:
A) One third B) Two thirds C) One fourth D) Two -fourth
- 77 Slash and burn cultivation is a form of
A) Organic farming B) Shifting cultivation C) Intensive agriculture D)
- 78 Which country grows wheat in winters?
A) Russia B) India C) Argentina D) USA
- 79 In India, commercial farming is practiced in :
A) Punjab B) Haryana C) Dehli D) Both a and b
- 80 The supreme law making institution in India is the -----
A) Lok Sabha B) Rajya Sabha C) Parliament D) Supreme court
- 81 The maximum strength of the Rajya Sabha is -----.
A) 240 B) 245 C) 250 D) 255
- 82 The maximum strength of the Lok Sabha is -----.
A) 500 B) 552 C) 545 D) 550
- 83 Rajya Sabha is chaired by the -----.
A) Prime minister B) Speaker C) President D) Vice-president
- 84 Lok Sabha is presided over by the -----.
A) Prime Minister B) Speaker C) president D) Vice president
- 85 What is the usual term of the Lok Sabha ?
A) 3 years B) 4 years C) 5 years D) 1 year
- 86 How many members are nominated by the president to the Rajya Sabha?
A) 233 B) 12 C) 22 D) 245
- 87 Some seats are reserved in Parliament for -----.
A) SC B) ST C) Women D) All these
- 88 The Hindu Succession Act was passed in -----.
A) 2005 B) 2006 C) 2008 D) 2010
- 89 The examples of British arbitrariness were -----.
A) The Sedition Act of 1870 B) The Rowlatt Act of 1919 C) Both a and b D) None of these
- 90 The Jallianwala Bagh massacre was held in -----.
A) Jalandhar B) Ludhiana C) Amritsar D) GOA

- 91 She showed _____ concern for her step daughter.
 A) A little B) little C) few D) some
- 92 _____ higher you go _____ colder it is.
 A) a, the B) the, the C) a, an D) the, a
- 93 _____ our king live long !
 A) may B) must C) should D) can
- 94 When Jayant finishes weeding the garden, he _____ the grass in the front yard.
 A) cut B) cuts C) has cut D) will cut
- 95 The mother of the dead child was overwhelmed _____ grief.
 A) by B) with C) from D) for
- 96 There was not enough paper in the printer, ___?
 A) are there B) is there C) was there D) were there
- 97 He is the famous architect _____ designs won an international award last year.
 A) that B) which C) whose D) who
- 98 The conditions necessary _____ this project have not been met.
 A) of completion B) for the complete of C) of complete D) for the completion of
- 99 One difficulty _____ at night is limited vision.
 A) with driving B) driven C) to drive D) will drive
- 100 The weather in the North is not _____ it is down South.
 A) like humid as B) as humid as C) humid as D) so humid that
- 101 dfo us Hkxoku- ds Mkfd, fdllga dgk g\
- A) Mk d?kj ds Mkfd, dks B) i {kh vkj ckn y dks C) /kj rh vkj ckn y dks D) i {kh vkj lk' kq dks
- 102 , d ns k dh /kj rh ni j s ns k dks D; k Hkst rh g\
- A) prkouh B) l xrk C) l ykg D) i d l urk
- 103 ^Hkxoku- ds Mkfd, * dfor k ds dfo g&
- A) l w dkr f=i kBh fujkyk B) f'koexy fl g l eu C) dkerkukFk D) j ke/kkj h fa g fnudj
- 104 , d ns k dk Hkki ni j s ns k ea D; k cudj fxjrk g\
- A) i kuhz B) cQz C) l ns k D) ok; q
- 105 nks 'kCnka ds feyus l s curk g&
- A) l ekl B) mi l xl C) i R; ; D) mDr ea l s dkbz ugha
- 106 tkfrokpd l k k dk mnkgj .k g&
- A) Hkkj ro"kl B) ; k=h C) ei[krk D) Mdsh
- 107 bkekunjh dks fdl dk lk; k; l e>k tkus yxk g\
- A) cf) ekuh dk B) i fjJe d C) ei[krk dk D) l Hkh dk

- 108 fl /kpkkVh I H; rk ds I c/k ea dksul h ckr I gh ugha gS
 A) og /kefuj i s/k Fkh B) ukxj I H; rk Fkh C) xkeh. k I H; rk Fkh D) vfodfl r Fkh
- 109 dksVY; dk nI jk uke Fkk&
 A) un B) pUnxI r C) pk. kD; D) buea I s dkbZ ugha
- 110 ekuo eu ds i kj fHkd mnækkj feyrs g&
 A) i jk. kka ea B) _Xon ea C) mi fu"knka ea D) egkHkkj r ea
- 111 ^ekr* 'kCn dh r rh; k foHkfDr dk , dopu g&
 A) ek=k B) ekrk C) ekr D) ekr%
- 112 ^Lol * 'kCn dh I Ireh foHkfDr dk cgppu g&
 A) Lol % B) Lol "kq C) Lol fj D) LoLkk%
- 113 ykef' kdk 'kCn dk vFkZ g&
 A) fcYyh B) ykeMh C) 'kj uh D) fpfMf k
- 114 nZVp- 'kCn fdI /kkrq I s cuk gS
 A) nZk- B) n" k C) nZV D) rpu-
- 115 vknk; 'kCn ea mi I xZ g&
 A) vk B) nk C) Y; i - D) buea I s dkbZ ugha
- 116 I lFkkl; 'kCn dk vFkZ g&
 A) NIdj B) mBkdj C) j [kdj D) mrkj dj
- 117 dRok 'kCn ea i R; ; g&
 A) d' B) DRok C) Rok D) dRok
- 118 I kEi re- dk I ekukFkhZ 'kCn g&
 A) fudVs B) v/kqk C) I lFkkl; D) ru%
- 119 i ey% dnk xge- vkxPNr-\
 A) i kr%dkys B) j k=kS C) I k; dkys D) fnus
- 120 0; k/kL; uke fda vkl hr-\
 A) ppy% B) cnjh C) xye% D) 0; k?k%

Answer Key

1	2	3	4	5	6	7	8	9	10
B	C	A	B	C	D	D	C	B	A
11	12	13	14	15	16	17	18	19	20
B	C	D	A	D	C	D	B	C	A
21	22	23	24	25	26	27	28	29	30
B	A	B	B	A	B	C	D	A	B
31	32	33	34	35	36	37	38	39	40
D	C	D	C	A	D	C	A	D	C
41	42	43	44	45	46	47	48	49	50
D	D	D	C	A	C	D	C	D	B
51	52	53	54	55	56	57	58	59	60
B	D	D	C	C	A	C	D	A	B

61	62	63	64	65	66	67	68	69	70
C	A	C	A	C	C	B	A	A	D
71	72	73	74	75	76	77	78	79	80
B	B	A	A	A	B	C	C	C	C
81	82	83	84	85	86	87	88	89	90
C	C	D	B	C	B	D	A	A	C
91	92	93	94	95	96	97	98	99	100
B	B	A	D	A	C	C	D	A	B
101	102	103	104	105	106	107	108	109	110
C	A	B	C	D	A	D	D	B	C
111	112	113	114	115	116	117	118	119	120
A	B	B	B	A	C	B	B	C	A