

Attempt all questions. There is no negative marking.

1	Find: $(-325) \div (-13)$ a) 25 b) - 25 c) 13 d) 15	[1]
2	Find: $64 \div (-16)$ a) 4 b) 5 c) - 4 d) $\frac{4}{5}$	[1]
3	$(-16) \div 4$ is not same as a) $-(16 \div 4)$ b) $16 \div (-4)$ c) $(-4) \div 16$ d) - 4	[1]
4	Which pair of numbers does not have a product equal to 36? a) $\{-4, -9\}$ b) $\{-3, -12\}$ c) $\{1, 36\}$ d) $\{-1, -72\}$	[1]
5	For a non - zero integer a , which of the following is not defined? a) $0 \div a$ b) $1 \div a$ c) $a \div 0$ d) $a \div 1$	[1]
6	$[(-10) \times (+9)] + (-10)$ is equal to a) - 100 b) 100 c) 80 d) - 80	[1]
7	A plane is flying at the height of 5000 m above the sea 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	[1]
8	The value of X in $-19 \times (4 + (-2)) = -19 \times 4 + (-19) \times X$, is a) 4 b) - 2 c) 2 d) - 19	[1]
9	An elevator descends into a mine shaft at the rate of 8 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	[1]
10	Find a number that is 3 more than - 9. a) 12 b) 6 c) 5 d) - 6	[1]
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? a) $20 \div (-4)$ b) $(-9) \div 3$ c) $0 \div (-7)$ d) $(-12) \div 5$	[1]
13	-35×107 is not same as a) $(-30 - 5) \times 107$ b) $(-35) \times 7 + (-35) \times 100$ c) $-35 \times 7 + 100$ d) $-35 \times (100 + 7)$	[1]
14	Find the difference between -2°C and 1°C . a) 1°C b) -1°C c) 3° d) -3°C	[1]
15	$(-25) \times [6 + 4]$ is not same as a) $(-25) \times 10$ b) $(-25) \times 6 \times 4$ c) $(-25) \times 6 + (-25) \times 4$ d) -250	[1]
16	Find a number that is 100 more than -90 . a) -10 b) 6 c) 5 d) 10	[1]
17	Find: $90 \div (-45)$ a) -45 b) 2 c) -2 d) 45	[1]
18	A collection of numbers which contains all positive numbers, all negative numbers and zero is known as a) Both Whole and Natural numbers b) Natural numbers c) Integers d) Whole numbers	[1]
19	$(-43) \times (-99) + 43$ is equal to a) -4300 b) 4300 c) -4214 d) 4257	[1]
20	Find the difference between -21°C and -9°C . a) -12°C b) -30°C c) 12°C d) 30°C	[1]
21	Find: $(-136) \div 4$ a) -32 b) 32 c) 34 d) -34	[1]
22	$(-11) \times 7$ is not equal to a) $-(11 \times 7)$ b) $7 \times (-11)$ c) $11 \times (-7)$ d) $(-11) \times (-7)$	[1]
23	If a and b are two integers, then which of the following may not be an integer?	[1]

37	Which of the following is different from others? a) $45+(-40)$ b) $-7-(-6)$ c) $45\div(-5)$ d) $-9+(-10)$	[1]
38	$[(-25)\times[6+4]]$ is not same as a) $(-30+5)\times 10$ b) $(-25)\times 6 + ((-25)\times 4)$ c) $-25\times 6\times 4$ d) -250	[1]
39	The value of X in $-15\times(8+(-6)) = -15\times 8+(-15)\times X$, is ___ a) 8 b) -6 c) 2 d) -15	[1]
40	$(-43)\times(-99)+43$ is equal to a) 4300 b) -4300 c) 4214 d) -4214	[1]
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	[1]
42	The common form of inequality in India is _____ (a) Caste system (b) Sati System (c) Child marriage (d) inequality based on language	[1]
43	_____ is the term lower caste people use to address themselves (a) Harijan (b) Dalits (c) outcaste (d) poor	[1]
44	Omprakash Valmiki is a famous _____ writer (a) poor (b) kshatriya (c) dalit (d) unknown	[1]
45	“Joothan “ is a _____ (a) Poem (b) drama (c) novel (d) autobiography	[1]
46	_____ recognize every person as equal (a) constitution (b) Government (c) Jails (d) Chinese government	[1]
47	When persons are treated unequally their ___ is violated (a) status (b) freedom (c) dignity (d) caste	[1]
48	_____ has been abolished (a) freedom to study (b) untouchability (c) religion (d) right to reject a religion	[1]
49	The mid-day meal scheme originally began in _____	[1]

	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 plants and a fungus is known as:		[1]
	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 magnifying lens, we see numerous small openings. Which of the following is the term given to such openings?		[1]
	a) Stomata	b) Lamina	c) Midrib d) Veins
67	If iodine is dropped on the boiled leaf it gives blue-black colour due to the presence of		[1]
	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? a) Proteins b) Carbohydrates c) Fats d) Water	[1]
71	In the process of photosynthesis, which of the following 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.	[1]
72	Pitcher plant traps insects because it a) is a heterotroph b) grows in soils which lacks nitrogen c) does not have chlorophyll d) has a digestive system like human beings	[1]
73	In cactus leaves are modified into a) branches b) spines c) leaf vein d) pitcher	[1]
74	Rhizobium bacterium helps the leguminous plants to fix atmospheric _____. a) Nitrogen b) Oxygen c) Carbon dioxide d) Water vapour	[1]
75	Amarbel is an example of a) autotroph b) parasite c) saprotroph d) host	[1]
76	By which one of the following types of nutrition, plants obtain their food? a) General nutrition b) Autotrophic nutrition c) Specific nutrition d) Heterotrophic nutrition	[1]
77	Which one of the following is an autotroph? a) Lichens b) Fungus c) Algae d) Cuscuta	[1]
78	Which part of the plant takes in carbon dioxide from the air for photosynthesis? a) Sepals b) Root hair c) Leaf veins d) Stomata	[1]
79	Which of the following is not a parasite? a) leech b) bedbug c) lice d) yeast	[1]
80	Which of the following component of food provide us	[1]

