FIITJEE Big Bang Edge Test - 2022

for students presently in Class 8 (going to 9) (Paper 1)

Time: 3 Hours (9:00 am – 12:00 pm)

CODE: 89-1

Maximum Marks: 266

Instructions:

5.

Caution: Class, Paper, Code as given above MUST be correctly marked on the answer OMR sheet before attempting the paper. Wrong Class, Paper or Code will give wrong results.

- 1. You are advised to devote 60 Minutes on Section-I, 45 Minutes on Section-II, 30 Minutes on Section-III and 45 Minutes on Section-IV.
 - Marking Scheme for each question Question no. Section Subject Correct answer Wrong answer SECTION - I APTITUDE TEST 1 to 30 +3 0 31 to 39 0 PHYSICS (PART-A) +2 CHEMISTRY (PART-B) 40 to 48 +2 0 SECTION - II MATHEMATICS (PART-C) 49 to 57 +2 0 BIOLOGY (PART-D) 58 to 66 0 +2 PHYSICS (PART-A) 67 to 72 +1 0 73 to 78 CHEMISTRY (PART-B) +1 0 SECTION - III MATHEMATICS (PART-C) 79 to 84 +1 0 85 to 90 BIOLOGY (PART-D) +1 0 PHYSICS -1 (PART-A) 91 to 94 +4 CHEMISTRY (PART-B) 95 to 98 +4 -1 SECTION - IV MATHEMATICS (PART-C) 99 to 102 +4 -1 (PART-D) BIOLOGY 103 to 110 +4 -1
- 2. This Question paper consists of 4 sections. Marking scheme is given in table below:

- 3. Answers have to be marked on the OMR sheet. The Question Paper contains blank spaces for your rough work. No additional sheets will be provided for rough work.
- 4. Blank papers, clip boards, log tables, slide rule, calculator, cellular phones, pagers and electronic devices, in any form, are not allowed.

Before attempting paper write your OMR Answer Sheet No., Registration Number, Name and Test Centre in the space provided below.

Note: Please check this Question Paper contains all 110 questions in serial order. If not so, exchange for the correct Question Paper.

OMR Answer Sheet No.	.:
Registration Number	:
Name of the Candidate	:
Test Centre	:

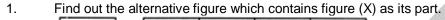
Recommended Time: 60 Minutes for Section – I

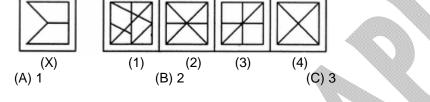
Section – I

APTITUDE TEST

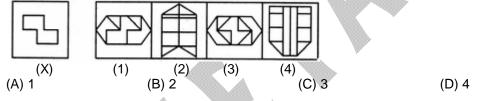
This section contains **30 Multiple Choice Questions** number **1 to 30**. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.

(D) 4

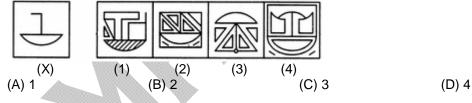




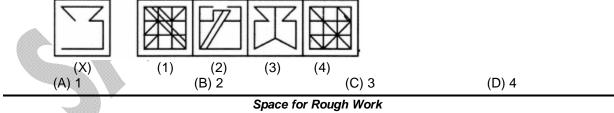
2. Find out the alternative figure which contains figure (X) as its part.



3. Find out the alternative figure which contains figure (X) as its part.



4. Find out the alternative figure which contains figure (X) as its part.



5. Direction : - One of two statements is given followed by two conclusions I and II. You have to consider the statement to be true, even if it seems to be at a variance from commonly known facts. You are to decide which of the given conclusions, can definitely be drawn from the given statements.

Statements :

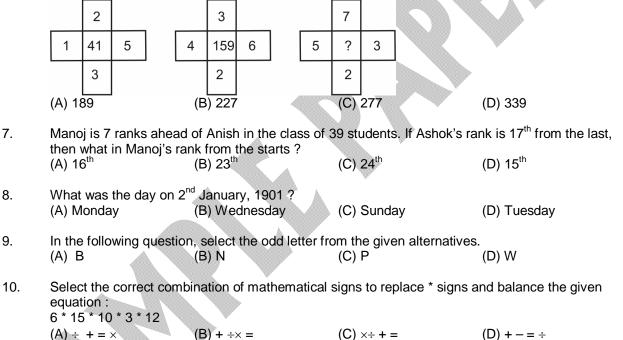
7.

8.

9.

All lawyers are cheats Some men are lawyers. Conclusion : (I) Some men are cheats

- (II) All cheats are men.
- (A) If only conclusion I follows. (C) If either conclusion I or II follows.
- (B) If only conclusion II follows.
- (D) If neither conclusion I nor II follows.
- 6. In the following question, select the number which can be placed at the sign of question mark (?) from the given alternatives.



- 11.In the recent climate conference in Paris, out of 700 men, 500 women, 800 children Present
inside the building premises, 20% of the men, 40% of women and 10% of the children were
Indians. Find the percentage of people who are not Indian ?
(A) 73%(B) 79%(C) 83%(D) 77%
- 12. In the question given below, there are few statements followed by few conclusions you have to take the given statements to be true even if they seem to be at variance with commonly known facts and then decide which of the given conclusion logically follow (s) from the given statements.

	STATEMENTS :			
	No train is star Some stars are man			
	CONCLUSION :-			
	I. Some men are trains	;		
	II. No men is train			
	III. All men are stars (A) None follows		(B) only I follows	
	(C) Only either I or II fol	llows	(D) only either I or III fo	llows
13.	What number will replation 13, 13, 15, 27, 47, 67, 9	ce the question mark (?) 97, 153, ?		
	(A) 325	(B) 225	(C) 252	(D) 352
14.		sed on the word problem nuj. Sakshi is the sister o		of Sakshi. How is Ravi
	(A) Nephew	(B) Father	(C) Brother	(D) Son
15.	In the following question B J N X : C I O W : D	n, select the related lette H P V : ?	r/word/number from the	given alternatives.
	(A) EGQU	(B) ELPV	(C) E I Q W	(D) E I O U
16.	them. There are three of	T and U are sitting in a s children between Q and U . Which one of them are	J. P is to the left of T, U i	e two children between s to the left of S, R is not
	(A) TU	(B) QS	(C) SR	(D) PQ
17.	The heights of A and B is tallest of all ?	are equal. C is shorter th	nan A, D is shorter than I	E, but taller than B. Who
	(A) D	(B) C	(C) E	(D) B
		Space for Rou	gh Work	

18. Eight friends L, M, P, Q, R, S, T and V are sitting around a circle third to the right of M and L is sitting second to the left of P. R and of them is nearest neighbor of L. Q is sitting second to the right of the left of V ?			the left of P. R and S are	Sitting together and none
	(A) Q	(B) P	(C) L	(D) R
19.	In a certain code PAG that code ?	E is written as '3%7@' S	ORE is written as 8©9@	. How is 'PEAS' written in
	(A) 3 @ © 8	(B) 3 @ % 9	(C) 3 @ % 8	(D) 3 % @ 8
20.	Choose the odd one o (A) 5 : 9	ut from the given alterna (B) 17 : 19	tives. (C) 83 : 89	(D) 37 : 41
21.		of boys is 20% more tha ss, then what will be the (B) 23 : 15		total students are 33. If 5 o number of girls ? (D) 11 : 6
22.		nen kanika was shifted by her earlier position from (B) 9 th		left. She became 7 th form (D) 10 th
23.	A series is given with given ones that will co A, D, G, J, M, P, S, V, (A) Y	mplete the series.	er missing. Choose the co	orrect alternative from the
24.	From the given alterna	atives select the word. W	hich cannot be formed u	sing the letters of the
	given word. (A) STEAL	(B) SILENT	(C) SINGLE	(D) SMILE
25.	If it was Saturday on E (A) Friday	December 17, 1899, what (B) Saturday	t will be the day on Dece (C) Sunday	mber 22, 1901 ? (D) Monday
26.	At 4 hours and 40 min (A) 120°	utes, what will be the and (B) 130°	gle between both hands (C) 90	? (D) 100º
		Space for Ro	ugh Work	

SAMPLE PAPER-BBE-2022-C-VIII (Paper-1)-AT+S&M-6

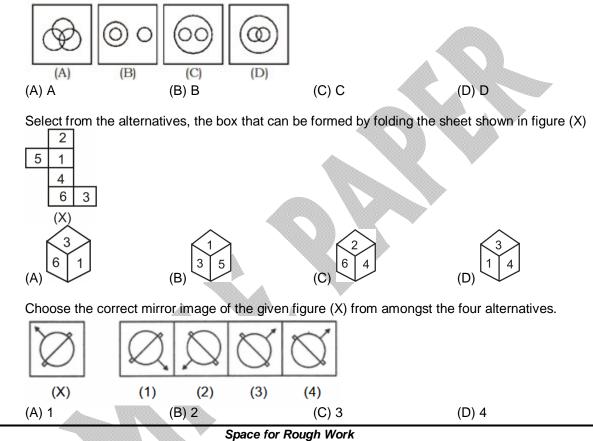
27. Select the missing number from the given responses.

29.

30.

001	001 11	0	ioonig nambol nom ino give		
7	56	8			
9	63	7			
12	?	5			
(A)	17		(B) 25	(C) 60	(D) 119

28. Identify the diagram that correctly represents the relationship among woman, mother and widow



Recommended Time: 45 Minutes for Section – II

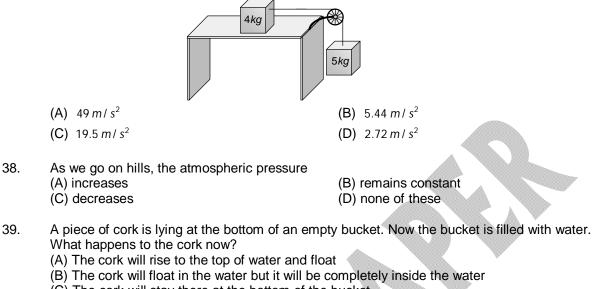
Section – II

PHYSICS - (PART - A)

This part contains **9 Multiple Choice Questions** number **31 to 39**. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.

31.	From the figure, if a is the acceleration F_1 , F_2 , F are three forces acting on a body, then	a_{m/s^2}
	(A) $F_1 = (F_2 + F_3)$	\leftarrow F ₃
	(B) $F_1 > (F_2 + F_3)$	$F_1 \longrightarrow m \longleftarrow F_2$
	(C) $F_1 < (F_2 + F_3)$	
	(D) $F_1 + (F_2 + F_3) = ma$	
	() . (_),	
32.	When a body is in equilibrium, its acceleration is (A) unity	(B) positive
	(C) negative	(D) zero
33.	If the weight of the floating body is equal to the b (A) sinks	ouoyant force then body: (B) rises
	(C) floats	(D) first floats and then sinks
34.	We are not able to cut vegetables from a blunt k (A) the pressure applied by blunt knife is less that	
	(B) the pressure applied by sharp knife is less the	
	(C) the force applied by blunt knife is less than the	ne pressure applied by sharp knife
	(D) the force applied by sharp knife is less than t	the pressure applied by blunt knife
35.	Air moves from	
	(A) high pressure to low pressure	(B) low pressure to high pressure
	(C) high pressure to high pressure	(D) low pressure to low pressure
36.	Unit of coefficient of friction is:	
	(A) dyne	(B) Newton
	(C) N /m ²	(D) None of these
	Space for Roug	gh Work

37. Two masses of 4 *kg* and 5 *kg* are connected by a string passing through a frictionless pulley and are kept on a frictionless table as shown in the figure. The acceleration of 5 *kg* mass is



- (C) The cork will stay there at the bottom of the bucket
- (D) The cork will dissolve in the water

CHEMISTRY - (PART - B)

This part contains **9 Multiple Choice Questions** number **40 to 48**. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.

 (A) Curd Oil (B) Coke (C) Coal tar (D) Coal gas (E) Coal gas 42. One of the advantages of nylon over rayon is that nylon (A) Is wrinkle free (B) Has low elasticity (C) Is a natural fibre (D) Is a good conductor of electricity 43. Which of the following material is a mixture of two fibres? (A) Jute (C) Polyester (D) Nylon 44. Which of the following statements is false? (A) Carbon is the most malleable metal (C) Aluminium is a good conductor of heat (D) Bromine is the only liquid non-metal. 45. Which of the following groups contain only synthetic fibres? (A) Nylon, Terylene, Wool (B) Cotton, Polycot, Rayon (C) PVC, Polythene, Bakelite (D) Acrylic, Silk, Wool 46. In India, which association advises people on saving petrol or diesel while driving? (A) Petroleum Conservation Research Association (PCRA) (B) Coal Conservation Research Association (PCRA) (C) ECO-driving advice. (D) Petroleum conservation association (PCA) 47. Identify the type of plastic that can best be used to make electrical switches. (A) PVC (C) PET (D) Bakelite 	40.	The first fully synthetic fibre is- (A) Nylon (C) Acrylic	(B) Rayon (D) Polyster
 (A) Is wrinkle free (B) Has low elasticity (C) Is a natural fibre (D) Is a good conductor of electricity 43. Which of the following material is a mixture of two fibres? (A) Jute (B) Polywool (C) Polyester (D) Nylon 44. Which of the following statements is false? (A) Carbon is the most malleable metal (B) Copper is a good conductor of electricity (C) Aluminium is a good conductor of heat (D) Bromine is the only liquid non-metal. 45. Which of the following groups contain only synthetic fibres? (A) Nylon, Terylene, Wool (B) Cotton, Polycot, Rayon (C) PVC, Polythene, Bakelite (D) Acrylic, Silk, Wool 46. In India, which association advises people on saving petrol or diesel while driving? (A) Petroleum Conservation Research Association (PCRA) (B) Coal Conservation Research Association (PCRA) (C) ECO-driving advice. (D) Petroleum conservation association (PCA) 47. Identify the type of plastic that can best be used to make electrical switches. (A) PVC (B) Polythene (C) PET (D) Bakelite 48. Which of the following fibres is used for making parachutes? (A) Plastic (B) Terelyne (C) Nylon (D) Steel 	41.	(A) Curd Oil	(B) Coke
 (A) Jute (B) Polywool (C) Polyester (D) Nylon 44. Which of the following statements is false? (A) Carbon is the most malleable metal (C) Aluminium is a good conductor of heat (B) Copper is a good conductor of electricity (D) Bromine is the only liquid non-metal. 45. Which of the following groups contain only synthetic fibres? (A) Nylon, Terylene, Wool (B) Cotton, Polycot, Rayon (C) PVC, Polythene, Bakefite (D) Acrylic, Silk, Wool 46. In India, which association advises people on saving petrol or diesel while driving? (A) Petroleum Conservation Research Association (PCRA) (B) Coal Conservation Research Association (CCRA) (C) ECO-driving advice. (D) Petroleum conservation association (PCA) 47. Identify the type of plastic that can best be used to make electrical switches. (A) PVC (C) PET (D) Bakelite 48. Which of the following fibres is used for making parachutes? (A) Plastic (B) Terelyne (C) Nylon (D) Steel 	42.	(A) Is wrinkle free	(B) Has low elasticity
 (A) Carbon is the most malleable metal (C) Aluminium is a good conductor of heat (B) Copper is a good conductor of electricity (D) Bromine is the only liquid non-metal. 45. Which of the following groups contain only synthetic fibres? (A) Nylon, Terylene, Wool (C) PVC, Polythene, Bakelite (B) Cotton, Polycot, Rayon (D) Acrylic, Silk, Wool 46. In India, which association advises people on saving petrol or diesel while driving? (A) Petroleum Conservation Research Association (PCRA) (B) Coal Conservation Research Association (CCRA) (C) ECO-driving advice. (D) Petroleum conservation association (PCA) 47. Identify the type of plastic that can best be used to make electrical switches. (A) PVC (C) PET 48. Which of the following fibres is used for making parachutes? (A) Plastic (C) Nylon (B) Terelyne (C) Nylon (D) Steel 	43.	(A) Jute	(B) Polywool
 (A) Nylon, Terylene, Wool (B) Cotton, Polycot, Rayon (C) PVC, Polythene, Bakelite (D) Acrylic, Silk, Wool 46. In India, which association advises people on saving petrol or diesel while driving? (A) Petroleum Conservation Research Association (PCRA) (B) Coal Conservation Research Association (CCRA) (C) ECO-driving advice. (D) Petroleum conservation association (PCA) 47. Identify the type of plastic that can best be used to make electrical switches. (A) PVC (B) Polythene (C) PET (D) Bakelite 48. Which of the following fibres is used for making parachutes? (A) Plastic (B) Terelyne (C) Nylon (D) Steel 	44.	(A) Carbon is the most malleable metal	
 (A) Petroleum Conservation Research Association (PCRA) (B) Coal Conservation Research Association (CCRA) (C) ECO-driving advice. (D) Petroleum conservation association (PCA) 47. Identify the type of plastic that can best be used to make electrical switches. (A) PVC (B) Polythene (C) PET (D) Bakelite 48. Which of the following fibres is used for making parachutes? (A) Plastic (B) Terelyne (C) Nylon (D) Steel 	45.	(A) Nylon, Terylene, Wool	(B) Cotton, Polycot, Rayon
 (A) PVC (B) Polythene (D) Bakelite 48. Which of the following fibres is used for making parachutes? (A) Plastic (B) Terelyne (C) Nylon (D) Steel 	46.	(A) Petroleum Conservation Research Association(B) Coal Conservation Research Association (CO)(C) ECO-driving advice.	on (PCRA)
(A) Plastic (C) Nylon (C) Nylon (D) Steel	47.	(A) PVC	(B) Polythene
Space for Rough Work	48.	(A) Plastic	(B) Terelyne
		Space for Roug	gh Work

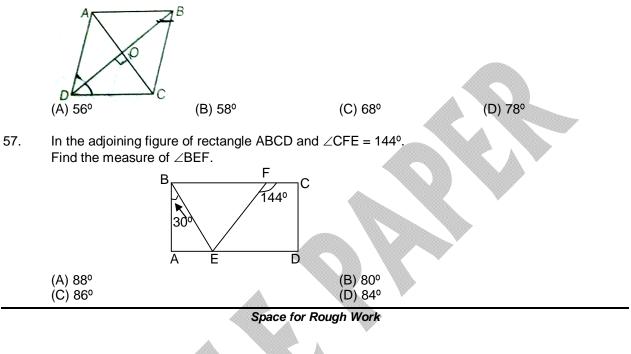
MATHEMATICS - (PART - C)

This part contains **9** Multiple Choice Questions number **49 to 57**. Each question has 4 choices (A), (B), (C) and (D), out of which ONLY ONE is correct.

55. The ratio of ages of A & B before 5 years was 2 : 3. If the sum of ages of A & B at present is 45 years. Find the difference of ages of A & B.
 (A) 6

(A) 6	(B) 7
(C) 4	(D) 5

56. In the following figure, ABCD is a rhombus. If $\angle ABC = 68^{\circ}$, then determine $\angle ACD$.



BIOLOGY - (PART - D)

This part contains **9 Multiple Choice Questions** number **58 to 66**. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.

58.	Consider the following statements about weeding(A) Weeding is best done during tilling itself.(B) Weeding is the process of growing weed.(C) Weeding is the process of removal of weeds(D) Weeding is usually done manually or by using	- · ·		
59.	Which of the following is not a traditional irrigation(A) Moat(C) Lever system			
60.	Which of the following is used to preserve food g (A) Spinach leaves (C) Neem leaves	grains at home? (B) Curry leaves (D) Tulsi leaves		
61.	What are the advantages of preparing the soil?(A) Allows roots to penetrate the soil easily.(C) Makes the top soil nutrient rich.	(B) Makes decomposition by microbes easier.(D) All of these		
62.	Maize grow well during (A) June (C) April	(B) January(D) September		
63.	Transplantation of seedling is done in (A) coffee (C) rice	(B) cocoa (D) mango		
64.	Compost is a (A) manure (C) pesticide	(B) fertiliser(D) weedicide		
65.	The rod shaped bacteria are called (A) Bacillus (C) Vibrio	(B) Coccus (D) Spirillum		
66.	Which bacteria helps in settling of curd? (A) Rhizobium (C) Vibriocholarae	(B) Lactobacillus (D) Bacillus		
	Space for Rough Work			

Recommended Time: 30 Minutes for Section – III

Section – III

PHYSICS – (PART – A)

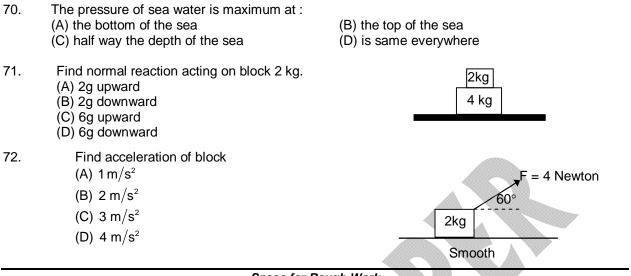
This part contains **6** Multiple Choice Questions number **67 to 72**. Each question has 4 choices (A), (B), (C) and (D), out of which ONLY ONE is correct.

67.	A book is placed on your study chair at rest. Consider the following forces: (I) A downward force of gravity (II) An upward force exerted by the chair (III) A net downward force exerted by the air Then, which of the force(s) is/are acting on the book? (A) Only (I) is correct (B) (I) and (II) both are correct (C) (I), (II) and (III) are correct (D) none of the above forces
68.	Find the limiting force of friction between an iron block and surface, if coefficient of friction between block and surface is 0.08 and the mass of block is 60 kg (if $g = 10 \text{ m/s}^2$) (A) 480 N (B) 48 N (C) 4.80 N (D) 60 N
69.	Three forces starts acting simultaneously on a particle moving with velocity \vec{v} . These forces are represented in magnitude and direction by the three sides of a triangle <i>ABC</i> (as shown). The particle will now move with velocity (A) \vec{v} remaining unchanged (B) Less than \vec{v}

- (B) Less than v
- (C) Greater than \vec{v}
- (D) \vec{v} in the direction of the largest force *BC*

Space for Rough Work

Α





CHEMISTRY - (PART - B)

This part contains **6 Multiple Choice Questions** number **73 to 78**. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.

73.	A substance is said to be sonorous if it (A) Conducts heat (C) Conducts water through metal pipes	(B) Conducts electricity(D) Produces a ringing sound when beaten
74.	Which of the following is a non-metal but is lustre (A) Carbon (C) Iodine	ous? (B) Mercury (D) Fluorine
75.	Terylene is a popular form of (A) Polyster (C) Plastic	(B) Monomer (D) Nylon
76.	Fibres of resemble that of Silk and hence (A) Acrylic (C) Rayon	e, it is popularly known as artificial Silk. (B) Polyester (D) Nylon
77.	Which one of the following is a thermosetting pla (A) PET (C) Melamine	astic? (B) Acrylic (D) Polythene
78.	Metals like zinc and Aluminium react with Sodiu (A) Hydrogen (C) Oxygen	m hydroxide to produce which gas. (B) Hydrogen Sulphide (D) Sulphur dioxide
	Space for Rou	ah Work

MATHEMATICS - (PART - C)

This part contains 6 Multiple Choice Questions number 79 to 84. Each question has 4 choices (A), (B), (C) and (D), out of which ONLY ONE is correct. Which of the following is a polyhedron? 79. (A) cube (B) pyramid (C) cuboid (D) all of these 80. In a right-angled triangle, find the hypotenuse if base and perpendicular are respectively 36015 cm and 48020 cm (B) 60025 m (A) 69125 cm (C) 391025 cm (D) 60125 cm 81. When the diagonals of a parallelogram are perpendicular to each other and diagonals are not equal then it is called: (D) parallelogram (A) square (B) rectangle (C) rhombus 82. In the given figure, ABCD is a rectangle whose diagonals AC and BD intersect at O. If $\angle AOB = 32^{\circ}$, then find $\angle OCD$. А 32° в (C) 74º (A) 70° (B) 72° (D) 80° 83. A man completes a journey in 10 hours. He travels first half of the journey at the rate of 21 km/hr and second half at the rate of 24 km/hr. Find the total journey in km. (D) 240 km (A) 220 km (B) 224 km (C) 228 km Which condition is true for $\frac{p}{p}$ to be rational number ? 84. (A) q = 0(B) p and q are whole numbers. (C) p and q are integers. (D) p cannot be 0. Space for Rough Work

BIOLOGY - (PART - D)

This part contains **6** Multiple Choice Questions number **85** to **90**. Each question has 4 choices (A), (B), (C) and (D), out of which ONLY ONE is correct.

85. Mushroom belongs to (A) Algae (B) Virus (C) Fungi (D) None of these 86. Scientist who discovered fermentation is (A) Alexander Fleming (B) Louis Pasteur (C) John Mendal (D) Edward Jenner 87. In order to take precautionary steps to control dengue, we must take measures to stop the breeding of: (A) Aedes mosquito (B) Fleas (D) Anopheles mosquito (C) Fire ants 88. Partial sterilization of a product such as milk at a high temperature is known as: (A) Pasteurization (B) Filtration (C) Pickling (D) Refrigeration 89. Which of the following is a communicable disease? (A) Diabetes (B) Chicken pox (C) Alzheimer's (D) Cancer Select the method(s) of irrigation which can be employed in an uneven land. 90. (i) Moat (ii) Sprinkler (iii) Chain Pump (iv) Drip System (A) (ii) and (iv) (B) Only (iv) (C) (i), (ii) and (iii) (D) (i) and (ii)

Recommended Time: 45 Minutes for Section – IV

Section – IV

PHYSICS - (PART - A)

This part contains **4** *Multiple Choice Questions* number **91 to 94**. Each question has 4 choices (A), (B), (C) and (D), out of which ONLY ONE is correct.

- 91. A force of 10 N is acting on a body of mass 20 kg for 10 seconds. Change in its momentum is (A) 5 kg m/s
 (B) 200 kg m/s
 (D) 1000 kg m/s
- 92. Find the limiting force of friction between an iron block and surface, if coefficient of friction between block and surface is 0.08 and the mass of block is 60 kg (if $g = 10 \text{ m/s}^2$) (A) 480 N (B) 48 N (C) 4.80 N (D) 60 N
- 93. The pressure at the bottom of a tank containing a liquid does not depend on
 (A) Acceleration due to gravity
 (B) Height of the liquid column
 (C) Area of the bottom surface
 (D) Nature of the liquid
- 94. A body is in motion, we can conclude
 - (A) net unbalanced force must be acting on body
 - (B) force may be acting on body
 - (C) net force acting on body must be zero
 - (D) none of these

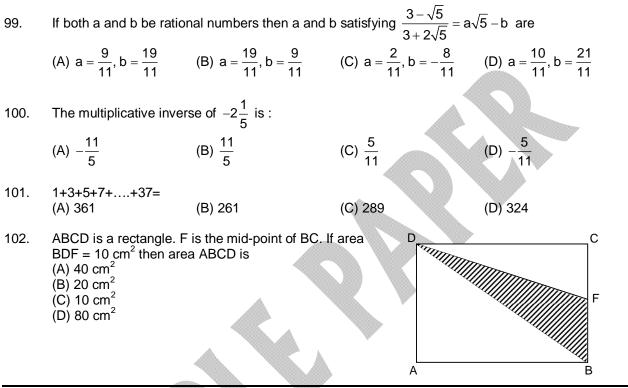
CHEMISTRY - (PART - B)

This part contains **4 Multiple Choice Questions** number **95 to 98**. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.

95.	Coke is used in the manufacture of	
	(A) Sodium	(B) Mercury
	(C) Steel	(D) Potassium
96.		l, a salt is formed with the release of a gas. The gas andle with a pop sound. The gas evolved during this (B) Oxygen
	(C) Hydrogen	D Hydrogen Sulphide
97.	When Sulphur reacts with oxygen, the oxide (A) Alkaline (C) Basic	e formed is in nature. (B) Neutral (D) Acidic
98.	When MgO is dissolved in water, Mg(OH) nature.	² is obtained. The solution thus obtained is is
	(A) Amphoteric (C) Neutral	(B) Alkaline (D) Acidic
	Space for	Rough Work

MATHEMATICS - (PART - C)

This part contains **4** Multiple Choice Questions number **99** to **102**. Each question has 4 choices (A), (B), (C) and (D), out of which ONLY ONE is correct.



BIOLOGY - (PART - D)

This part contains **8 Multiple Choice Questions** number **103 to 110**. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.

103.	Vaccine for small pox is discorvered by (A) Louis Pasteur (C) Edward Jenner	(B) Alexander Fleming (D) John Mendal	
104.	Amount of nitrogen in the atmosohere is (A) 58 % (C) 78 %	(B) 68 % (D) 88 %	
105.	(A) Vectors (C) Parasites	of a pathogen and spread diseases. (B) Microbes (D) DNA	
106.	Which among the following statements is not as (A) Prevention of decay or spoilage (C) Air-tight sealing	ssociated with food preservation? (B) Decreased shelf life (D) Storage for future use	
107.	Match the following. A. <i>Rhizobium</i> B. <i>Lactobacillus</i> C. <i>Penicillium</i> D Rabies A B C D (A) ii i iii iv (B) i iii ii v (C) ii iv i iiii (D) i ii iv ii	i. Antibiotic ii. Soil fertility iii. Vaccine iv. Milk curdling	
108.	 Assertion (A): Immunity to chickenpox is considered as acquired immunity. Reason (R): Immunity that is inherited from parents is considered as acquired immunity (A) Both A and R are true and R is the correct explanation for A. (B) Both A and R are true and R is the not correct explanation for A. (C) A is true and R is false (D) A is false and R is true 		
109.	 Assertion (A): Yeast can be used commercially to produce alcohol Reason R: Yeast can perform fermentation (A) Both A and R are true and R is the correct explanation for A. (B) Both A and R are true and R is the not correct explanation for A. (C) A is true and R is false (D) A is false and R is true 		
110.	Which one of the following is not a communicat (A) Cancer (C) Malaria	ble disease? (B) Common cold (D) Dengue fever	

FIITJEE Big Bang Edge Test - 2022 for students presently in Class 8 (going to 9) (Paper 1) SAMPLE PAPER ANSWER KEY

	-	•	•	•	_		•
1.	В	2.	С	3.	В	4.	Α
5.	Α	6.	В	7.	Α	8.	В
9.	D	10.	С	11.	В	12.	C
13.	В	14.	D	15.	Α	16.	В
17.	С	18.	D	19.	C	20.	Á
21.	В	22.	С	23	Α	24.	С
25.	В	26.	D	27.	С	28.	D
29.	D	30	C	31.	В	32.	D
33.	С	34.	Α	35.	A	36.	D
37.	В	38.	C	39.	Α	40.	Α
41.	В	42.	A	43.	В	44.	Α
45.	С	46.	A	47.	D	48.	С
49.	С	50.	Α	51.	D	52.	в
53.	Α	54.	В	55.	В	56.	Α
57.	D	58.	В	59.	D	60.	С
61.	D	62.	Α	63.	С	64.	Α
65.	Α	66.	В	67.	В	68.	в
69.	A	70.	A	71.	Α	72.	Α
73.	D	74.	С	75.	Α	76.	С
77.	С	78.	Α	79.	D	80.	в
81.	c	82.	С	83.	В	84.	С
85.	C	86.	В	87.	Α	88.	Α
89.	в	90.	Α	91.	С	92.	в
93.	С	94.	В	95.	С	96.	С
97.	D	98.	В	99.	Α	100.	D
101.	Α	102.	Α	103.	С	104.	С
105.	Α	106.	В	107.	С	108.	С
109.	Α	110.	Α				