FIITJEE Big Bang Edge Test - 2022

for students presently in Class 6 (going to 7) (Paper 1)

Time: 3 Hours (9:00 am – 12:00 pm) **CODE: 67-1** **Maximum Marks: 240**

Instructions:

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 35 Minutes on Section-I, 35 Minutes on Section-II, 50 Minutes on Section-III, 30 Minutes on Section-IV and 30 Minutes on Section-V.

2. This Question paper consists of 5 sections. Marking scheme is given in table below:

Section	Subject		Question no.	Marking Scheme for each question	
				Correct answer	Wrong answer
SECTION – I	APTITUDE TEST		1 to 12	+3	0
			13 to 18	+4	0
SECTION – II	PHYSICS	(PART-A)	19 to 22	+2	0
	CHEMISTRY	(PART-B)	23 to 26	+2	0
	MATHEMATICS	(PART-C)	27 to 31	+2	0
	BIOLOGY	(PART-D)	32 to 36	+2	0
SECTION – III	PHYSICS	(PART-A)	37 to 48	+1.5	0
	CHEMISTRY	(PART-B)	49 to 60	+1.5	0
	MATHEMATICS	(PART-C)	61 to 72	+1.5	0
	BIOLOGY	(PART-D)	73 to 84	+1.5	0
SECTION – IV	PHYSICS	(PART-A)	85 to 88	+3	0
	CHEMISTRY	(PART-B)	89 to 92	+3	0
	BIOLOGY	(PART-C)	93 to 96	+3	0
SECTION – V	MATHEMATICS	(PART-A)	97 to 102	+3	0
	MATHEMATICS	(PART-B)	103 to 108	+3	0

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.

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

6. **See method of marking of bubbles at the back of cover page for question no. 103 to 108.**

Note: *Please check this Question Paper contains all **108** 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 : _____

For questions **103 to 108**

Numerical based questions single digit answer 0 to 9

Example 1:

If answer is 6.

Correct method:

⓪ ① ② ③ ④ ⑤ ● ⑦ ⑧ ⑨

Example 2:

If answer is 2.

Correct method:

⓪ ① ● ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

Recommended Time: 35 Minutes for Section – I

Section – I

APTITUDE TEST

*This section contains **18 Multiple Choice Questions** number **1 to 18**. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.*

1. Find the next term in the sequence 7G, 11K, 13M, _____.
    (A) 15Q   (B) 17Q   (C) 15P   (D) 17P

2. In the following question, find the word which holds same relation with the third word as there is between the first two words.
    Cap : Head : : specs : ?
    (A) Eye   (B) Cloth   (C) Hair   (D) Face

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

         (X)   (1)   (2)   (3)   (4)
    (A) 1   (B) 2   (C) 3   (D) 4

4. Arrange the following in a meaningful order:-
    1) Curd,   2) Grass   3) Butter   4) Milk   5) Cow
    (A) 2, 5, 4, 3, 1   (B) 4, 2, 5, 3, 1   (C) 5, 2, 4, 1, 3   (D) 5, 2, 3, 4, 1

5. Which value will come in the place of question mark (?)
    12, 22, 69, 272, 1365, ?
    (A) 6830   (B) 8184   (C) 8195   (D) 8196

6. If 234 = 4916, 562 = 25364, then what will be the value for 526
    (A) 25436   (B) 250436   (C) 42536   (D) 362504

Space for Rough Work

7. If 'REQUEST' is written as 'S2R52TU', how will 'ACID' be written ?
   (A) BDJE   (B) 1394   (C) B3J4   (D) None of these

8. If 7 + 3 = 421, 11 + 7 = 477 and 9 + 5 = 445, then 6 + 2 = ?
   (A) 444   (B) 412   (C) 475   (D) 487

9. Which of the following word cannot be formed from the given words ?
   CONSTRUCTION
   (A) CAUTION   (B) COINS   (C) NOTION   (D) SUCTION

10. Two brothers Manish and Nitin walk in opposite directions for 3 km Manish is walking towards east. After 3 km, each both turn right and again walk 3 km each. Both turn to face each other. In which direction is Nitinlooking ?
    (A) East   (B) South   (C) South-East   (D) North-West

**Direction (Q11):** Read the following information and answer the questions given below : -
Seven boys P, Q, R, S, T ,U and V are standing in a line.
(I) V is between P and T.
(II) U and P have one boy between them.
(III) T and R have two boys between them.
(IV) S is to the immediate right of u.
(V) R and Q have three boys between them.

11. R is standing between :
    (A) P and U   (B) S and V   (C) P and S   (D) None of these

12. If B is coded as 8, F is coded as 6, Q is coded as 4, D is coded as 7, T is coded as 2, M is coded as 3 and K is coded as 5, then which of the following is the coded form of QKTBFM ?
    (A) 4 5 2 6 8 3   (B) 4 7 2 6 8 3   (C) 4 5 2 7 83   (D) None of these

13. Five persons A, B, C, D, E scored different marks in an examination. If B scored more marks than D and E only while C does not score the highest marks then which of the following has the second highest marks ?
    (A) A   (B) B   (C) C   (D) D

14. In the following question, select the odd letter group from the given alternatives.
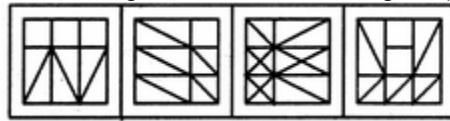   (A) C P B O   (B) B O D Q   (C) E S G T   (D) A N H U

Space for Rough Work

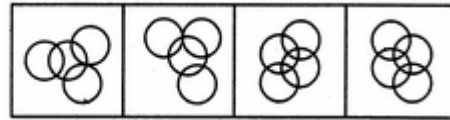15. Find out the alternative figure which contains figure (X) as its part.

(X)　　　　　(1)　　(2)　　(3)　　(4)
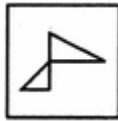
(A) 1　　　　　　(B) 2　　　　　　(C) 3　　　　　(D) 4

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

(X)　　　　　(1)　　(2)　　(3)　　(4)
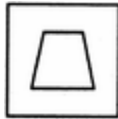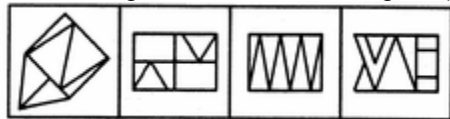
(A) 1　　　　　　(B) 2　　　　　　(C) 3　　　　　(D) 4

17. Find out the alternative figure which contains figure (X) as its part.
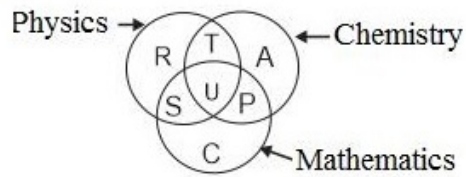
(X)　　　　　(1)　　(2)　　(3)　　(4)

(A) 1　　　　　　(B) 2　　　　　　(C) 3　　　　　(D) 4

18. Study the diagram and identify the region which represents students who study both physics and chemistry but not mathematics.

(A) T+S+U+P　　　(B) C　　　　　(C) R+T+A+U+P+S　　(D) T

Space for Rough Work

Recommended Time: 35 Minutes for Section – II

Section – II

PHYSICS – (PART – A)

*This part contains **4 Multiple Choice Questions** number **19 to 22**. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.*

19. Which of the following shows a random motion
(A) motion of a fan   (B) Train on a straight bridge
(C) dogs playing in a playground   (D) None of these

20. A speed of 90 kmph is equivalent to
(A) 25 m/s   (B) 20 m/s
(C) 30 m/s   (D) 40 m/s

21. 1 man walks 70 km North, 80 km South & then 20 km North. Find his displacement & distance
(A) 20 km, 170 km   (B) 50 km, 180 km
(C) 10 km, 170 km   (D) 100 km, 180 km

22. The image formed by a plane mirror
(A) cannot be cast on screen   (B) is real
(C) is always virtual   (D) both (A) and (C)

Space for Rough Work

CHEMISTRY – (PART – B)

*This part contains **4 Multiple Choice Questions** number **23 to 26**. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.*

23.   Yarn is woven to get fabric using
       (A) Charkha   (B) Spinning machines
       (C) Looms   (D) Knitting needles

24.   Which is a magnetic material?
       (A) Copper   (B) Nickel
       (C) Aluminium   (D) Oxygen

25.   Identify the sublimiable salt
       (A) NaCl   (B) KCl
       (C) NH_4Cl (D) $MgCl_2$

26.   Making a dough from flour is a _____ change
       (A) Physical reversible   (B) Chemical irreversible
       (C) Chemical reversible   (D) Physical irreversible

Space for Rough Work

MATHEMATICS – (PART – C)

*This part contains **5 Multiple Choice Questions** number **27 to 31**. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.*

27. The length of longest tape which can be used to measure exactly the length 7m, 3m 85 cm and 12m 95 cm.
    (A) 35 cm   (B) 30 cm   (C) 40 cm   (D) 45 cm

28. Two angles of a triangle are complementary. The third angle is
    (A) 60º   (B) 45º   (C) 36º   (D) 90º

29. An isosceles trapezium has
    (A) equal parallel sides   (B) equal non parallel sides
    (C) equal opposite sides   (D) None of these

30. A circle has
    (A) no line of symmetry   (B) one line of symmetry
    (C) two lines of symmetry   (D) an unlimited number of lines of symmetry

31. If 1A2B5 is exactly divisible by 9, then the least value of (A + B) is
    (A) 0   (B) 1
    (C) 2   (D) 10

Space for Rough Work

BIOLOGY – (PART – D)

*This part contains **5 Multiple Choice Questions** number **32 to 36**. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.*

32. For photosynthesis plants need
    (A) Carbon dioxide   (B) Water
    (C) Sunlight   (D) All of these

33. Small, soft stem plants are called as
    (A) Herbs   (B) Shrubs
    (C) Trees   (D) Tendrils

34. Female reproductive part of a plant is called as
    (A) Stamen   (B) Anther
    (C) Petiole   (D) Pistil

35. Nodes and Internodes are present in
    (A) Leaves   (B) Stem
    (C) Roots   (D) Flower

36. Exchange of gases in plants occurs through
    (A) Stomata   (B) Flower
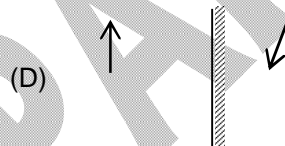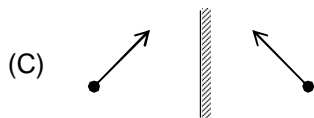   (C) Pollens   (D) Style

Space for Rough Work

Recommended Time: 50 Minutes for Section – III

Section – III

PHYSICS – (PART – A)

*This part contains **12 Multiple Choice Questions** number **37 to 48.** Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.*

37.   Which one is wrong image formation:

(A)

(B)

(C)

(D)
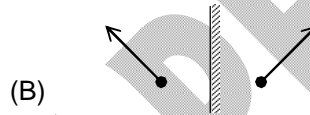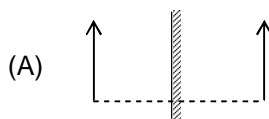
38.   Consider the motion of the tip of the second hand of a clock. In 1 minutes
(A) the distance covered is zero   (B) the displacement is zero
(C) the average speed is zero   (D) none of these

39.   144 minutes is equal to
(A) 1 hour   (B) 0.1 hour
(C) 2.4 hours   (D) 0.5 hour

40.   Calculate the value of $65 \, m \, s^{-1}$ in $km \, h^{-1}$
(A) 90   (B) 50
(C) 234   (D) 25

41.   The CGS unit of speed is _____ .
(A) second   (B) $cm \, s^{-1}$
(C) Both (A) and (B)   (D) hour

Space for Rough Work

42. A man travels 80 m distance in 10 sec and 220 m distance in 20 sec. His average speed will be
    (A) 2 m/s.
    (B) 4 m/s.
    (C) 10 m/s.
    (D) 25 m/s.

43. 12000 minutes is equal to
    (A) 2000 hours
    (B) 200 hours
    (C) 20 hours
    (D) 1 hour

44. Which of these is not a luminous source of light?
    (A) Stars
    (B) Venus
    (C) Sun
    (D) both (B) and (C)

45. In Solar eclipse which among the earth, moon, sun lies between other two?
    (A) Earth
    (B) Moon
    (C) Sun
    (D) none of these

46. Height of the image formed by a plane mirror, of an object of 10 m high kept at distance of 10 m from the mirror is
    (A) 10 m
    (B) 20 m
    (C) 2 m
    (D 0.2 m

47. Motion of a Mars is an example of
    (A) Periodic motion
    (B) Circular motion
    (C) Oscillatory motion
    (D) both (A) and (C)

48. An athlete runs along a circular track of radius 42 m with a speed of 20 m/s then the time taken by the athlete to complete 2 rounds is
    (A) 264 s
    (B) 26.4 s
    (C) 52.8 s
    (D) incomplete information

Space for Rough Work

CHEMISTRY – (PART – B)

*This part contains **12 Multiple Choice Questions** number **49 to 60**. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.*

49. Soda water contains excess _____ in dissolved state.
    (A) H_2 (B) CO_2
    (C) O_2 (D) N_2

50. For any substance, its melting point will be the same as its _____ point.
    (A) Vaporization   (B) Sublimation
    (C) Freezing   (D) Condensation

51. Dissolution of a solute in a solvent depends upon
    (A) Pressure   (B) Temperature
    (C) Amount of the solute   (D) All of these

52. The purest form of natural water is
    (A) Rain water   (B) Ground water
    (C) Surface water   (D) Sea water.

53. Which gas is used to fill weather observation balloons?
    (A) Hydrogen   (B) Helium
    (C) Oxygen   (D) Chlorine

54. The reverse process of boiling
    (A) Vapourization   (B) Distillation
    (C) Condensation   (D) None of these

55. Which materials make a heterogeneous mixture?
    (A) Sand + Water   (B) Salt + Water
    (C) Alcohol + Water   (D) Ink + Water

Space for Rough Work

56. The first step for separating the constituent of a muddy water is
    (A) Decantation   (B) Evaporation
    (C) Sedimentation   (D) Filtration

57. Which of the following substance will float on water?
    (A) Plastic   (B) Stone
    (C) Iron nail   (D) Hard metal

58. Burning of paper is
    (A) Fast change   (B) Irreversible change
    (C) Chemical change   (D) All of these

59. The device in a loom that carries yarn back and forth across the lengthwise yarn is
    (A) Warp   (B) Shuttle
    (C) Weft   (D) Bobbins

60. The left over substance in the filter paper during filtration is
    (A) Filtrate   (B) Solvent
    (C) Residue   (D) Solute

Space for Rough Work

MATHEMATICS – (PART – C)

*This part contains **12 Multiple Choice Questions** number **61 to 72**. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.*

61. If x7y5 is exactly divisible by 3, then the least value of (x + y) is
    (A) 6   (B) 0   (C) 4   (D) 3

62. Find ratio of slant height to that of radius of cone, if height of cone is double the radius
    (A) $1:\sqrt{5}$ (B) $\sqrt{5}:1$ (C) $1:2$ (D) $2:1$

63. Two angles are called adjacent angles if they have
    (A) same vertex   (B) common arm
    (C) uncommon arms on either sides of common arm
    (D) all of these

64. $3.\overline{4} + 5.\overline{8} - 7.\overline{9} =$ ___

    (A) $\dfrac{4}{3}$ (B) $\dfrac{8}{5}$ (C) $\dfrac{7}{9}$ (D) $\dfrac{5}{4}$

65. If $\dfrac{a}{3} = \dfrac{b}{4} = \dfrac{c}{7}$, then $\dfrac{a+b+c}{c}$ is equal to

    (A) 7   (B) $\dfrac{1}{2}$ (C) $\dfrac{1}{7}$ (D) 2

66. If the sides of a square are doubled then how much times its area becomes ?
    (A) Two times   (B) three times   (C) four times   (D) six times

67. 'n' is a whole number which when divided by 3 gives 1 as remainder. What will be the remainder when 2n is divided by 3 ?
    (A) 1   (B) 2
    (C) 0   (D) can not say anything

Space for Rough Work

68. In the adjoining figure, value of $\angle x$ is equal to
    (A) 89º   (B) 98º   (C) 108º   (D) 118º

69. Diagonals of a rhombus are 8 cm and 6 cm respectively, its side is _____
    (A) 5 cm   (B) 6 cm
    (C) 7 cm   (D) cannot be determined

70. In a $\triangle DEF$, $\angle D = 45º$ and $\angle E$ is less than $\angle D$, then the triangle is
    (A) acute   (B) Right   (C) obtuse   (D) None of these

71. What is the value of $\left(\dfrac{P+Q}{P-Q}\right)$ if $\dfrac{P}{Q} = 7$?

    (A) $\dfrac{1}{3}$ (B) $\dfrac{2}{3}$ (C) $\dfrac{4}{3}$ (D) $\dfrac{7}{8}$

72. Find unit digit of product $11 \times 12 \times 13 \times 14 \times 15 \times 16$?
    (A) 2   (B) 6   (C) 4   (D) 0

Space for Rough Work

BIOLOGY – (PART – D)

*This part contains **12 Multiple Choice Questions** number **73 to 84**. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.*

73.   Sweet potato is an example of
      (A) Root   (B) Stem
      (C) Fruit   (D) Seed

74.   Which of the following is a root?
      (A) Potato   (B) Carrot
      (C) Sugarcane   (D) Rose

75.   Which part of the mustard is edible?
      (A) Flower   (B) Root
      (C) Seed   (D) Embryo

76.   Part of the plant responsible for sexual reproduction.
      (A) Stem   (B) Root
      (C) Leaves   (D) Flower

77.   Which part of the plant is responsible for water absorption?
      (A) Root   (B) Stem
      (C) Leaves   (D) Flower

78.   Stalk of the flower is called.
      (A) Pedicel   (B) Thalamus
      (C) Petiole   (D) Petal

79.   Edible part of Pomegranate is
      (A) Flower   (B) Seeds
      (C) Sepal   (D) Whole fruit

Space for Rough Work

80.   Which is an example of shrub?
        (A) Spinach   (B) Guava
        (C) Mint   (D) Tomato

81.   Scurvy is caused due to deficiency of
        (A) Vitamin A   (B) Vitamin B
        (C) Vitamin C   (D) Vitamin D

82.   Carbohydrates are present in
        (A) Rice   (B) Carrot
        (C) Lemon   (D) Pulses

83.   Which of the following is not a part of a plant?
        (A) Style   (B) Anther
        (C) Limb   (D) Stomata

84.   Night blindness can be cured by eating
        (A) Pumpkin   (B) Amla
   (C) Carrots   (D) Both (A) and (C)

Space for Rough Work

Recommended Time: 30 Minutes for Section – IV

Section – IV

PHYSICS – (PART – A)

*This part contains **4 Multiple Choice Questions** number **85 to 88**. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.*

85. Read the given statements and select the correct option:
    Statement 1: The displacement of a moving body may be zero, even distance can be finite.
    Statement 2: If a body moves such that finally it arrives at initial point, then displacement is zero while distance is finite.
    (A) Both statements 1 and 2 are true and statement 2 is the correct explanation of statement 1.
    (B) Both statements 1 and 2 are true but statement 2 is not the correct explanation of statement 1.
    (C) Statement 1 is true and statement 2 is false.
    (D) Statement 1 is false and statement 2 is true.

86. What causes a moving body to change in its state of motion?
    (A) Its acceleration   (B) Force
    (C) Its speed   (D) Its weight

87. According to the laws of reflection one can say that if a = 30 degree then b =
    (A) $\angle a = \angle b = 30$ degree
    (B) $\angle a < \angle b$
    (C) $\angle a > \angle b$
    (D) none of these
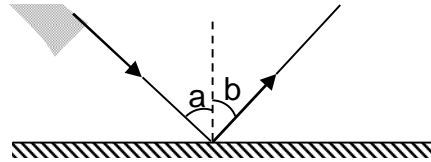
88. Which of the following is an example of random motion?
    (A) Car moving on a straight road   (B) Athlete running on a circular track
    (C) To-and-fro motion of a pendulum   (D) Motion of a mosquito in marriage hall.

Space for Rough Work

CHEMISTRY – (PART – B)

*This part contains **4 Multiple Choice Questions** number **89 to 92**. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.*

89. Woolen fibres have _____ trapped between them which acts as an _____ of heat.
    (A) Water, Conductor
    (B) Air, conductor
    (C) Water, insulator
    (D) Air, insulator

90. A mixture of small stones and sand can be separated by
    (A) Winnowing
    (B) Sieving
    (C) Hand picking
    (D) Threshing

91. The process in which cotton fibres are separated from seeds is called
    (A) Carding
    (B) Ginning
    (C) Combing
    (D) Retting

92. Loading speeds up
    (A) Sublimation
    (B) Decantation
    (C) Sedimentation
    (D) Filtration

Space for Rough Work

BIOLOGY – (PART – C)

*This part contains **4 Multiple Choice Questions** number **93 to 96.** Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.*

93.   Water in xerophytes is stored in
       (A) Spines   (B) Roots
       (C) Stem   (D) Root hair

94.   Which of the following is a function of leaves?
       (A) Photosynthesis   (B) Exchange of gases
       (C) Transpiration   (D) All of these

95.   Which of the following has fibrous root?
       (A) Mango   (B) Wheat
       (C) Potato   (D) Peas

96.   Test for carbohydrates are
       (A) Iodine test   (B) Spot test
       (C) Fehling solution   (D) Biuret test

Space for Rough Work

Recommended Time: 30 Minutes for Section – V

Section – V

MATHEMATICS – (PART – A)

*This part contains **6 Multiple Choice Questions** number **97 to 102.** Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.*

97. Two numbers A and B are such that the sum of 5% of A and 4% and B is two-third of the sum of 6% of A and 8% of B. Find the ratio A : B.
(A) 2 : 3   (B) 1 : 1   (C) 3 : 4   (D) 4 : 3

98. If a ray stands on a line, then the sum of the adjacent angles so formed is
(A) 90^0 (B) 180^0 (C) 270^0 (D) 360^0

99. Three cubes of sides 3 cm, 4 cm and 5 cm are melted and a new cube is formed. The side of the new cube is
(A) 8 cm   (B) 6 cm   (C) 10 cm   (D) 12 cm

100. A square of side 1 cm is cut from all four corners of a rectangle of dimensions 6 cm × 5 cm. Find the perimeter of remaining part of the rectangle.
(A) 22 cm   (B) 44 cm   (C) 45 cm   (D) 30 cm

101. The polygon with infinite number of sides is called
(A) nonagon   (B) octagon   (C) circle   (D) None of these

102. If each edge of a cuboid of surface area S is doubled, then find the surface area of the new cuboid.
(A) 5S   (B) 6S   (C) 4S   (D) 3S

Space for Rough Work

MATHEMATICS – (PART – B)

*This part contains **6 Numerical Based Questions** number **103 to 108**. Each question has **Single Digit Answer 0 to 9**.*

103. The sum of the interior angles of a polygon is three times the sum of its exterior angles. Find the number of sides of this polygon

104. The radius of a wheel of a bike is 39.9 cm. If the wheel makes 6000 rotation in one, minute If bike takes 8k minutes to cover a distance of 601.92 km, find the value of k.

105. A cuboid has total surface area 40 m^2 and its lateral surface area is 26 m^2. Find the area of its base in m^2

106. If a rectangle of side lengths 5 cm and 15 cm is to the divided into three squares of equal areas, then find the side length of square in cm

107. The curved surface area of a right circular cylinder of height 7 cm is 176 cm^2. Find the diameter of the base of the cylinder in cm.

108. Simplify : $14 - \left[12 - \left\{ 9 - \left(7 - \overline{6 - 2} \right) \right\} \right]$

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FIITJEE Big Bang Edge Test - 2022

for students presently in Class 6 (going to 7) (Paper 1)

SAMPLE PAPER ANSWER KEY

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