# FIITJEE SAMPLE PAPER (FIITJEE Talent Reward Exam-2020)



for students presently in Class 6 (Paper 1)

*Time: 3 Hours (9:30 am – 12:30 pm)* 

#### Code 6000

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.
  - Marking Scheme for each question Section Subject Question no. correct answer wrong answer 1 to 12 0 +3 SECTION - I APTITUDE 13 to 18 0 +4 PHYSICS (PART-A) 19 to 22 +2 0 CHEMISTRY (PART-B) 23 to 26 +2 0 SECTION - II MATHEMATICS (PART-C) 27 to 31 +2 0 BIOLOGY (PART-D) 32 to 36 +2 0 PHYSICS (PART-A) 37 to 48 +1.50 CHEMISTRY (PART-B) 49 to 60 +1.5 0 SECTION - III MATHEMATICS (PART-C) 61 to 72 +1.5 0 73 to 84 BIOLOGY (PART-D) +1.5 0 PHYSICS (PART-A) 85 to 87 0 +3 CHEMISTRY (PART-B) 88 to 90 +3 0 SECTION - IV MATHEMATICS (PART-C) 91 to 93 +3 0 BIOLOGY (PART-D) 94 to 96 0 +3 MATHEMATICS (PART-A) 97 to 102 +3 0 SECTION - V MATHEMATICS (PART-B) 103 to 108 +3 0
- 2. This Question paper consists of 5 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.

5. Before attempting paper write your OMR Answer Sheet No., Registration Number, Name and Test Centre in the space provided at the bottom of this sheet.

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	<b>103 to 108</b> Red questions single digit answer 0 to 9
	ed questions single digit answer o to s
Example 1:	
If answer is 6.	
Correct metho	
	0 1 2 3 4 5 6 7 8 9
Example 2:	
If answer is 2.	
Correct metho	d:
	0 1 2 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.

**Directions (Q. 1 to 2):** In each of the following questions, a number series is given with one term missing. Choose the correct alternative that will continue the same pattern and replace the question mark in the given series.

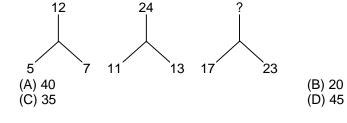
1.	6, 10, 15, 21, 28, ? (A) 26 (C) 24	(B) 36 (D) 35
2.	11, 13, 17, 19, 23, 29, 31, ? (A) 24 (C) 35	(B) 33 (D) 37

**Directions (Q. 3 to 4):** Three of the following four are like in a certain way and so form a group. Which is the one that does not belong to that group?

3.	(A) Hard disk (C) 32GB storage		(B) 4 GB RAM (D) Satellite
4.	(A) 7, 11, 13 (C) 3, 17, 31	AV'	(B) 5, 19, 23 (D) 2, 4, 6

Amit rank 6<sup>th</sup> from the top and 14<sup>th</sup> from bottom. How many people are there in the arrangement?
 (A) 18
 (B) 19
 (C) 20
 (D) 21

6. Find the missing number that comes in the place of question mark (?).

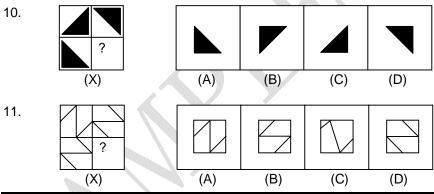


7. If '+' means 'x', '-' means '+', 'x' means '+' and '+' means '-', then 16 - 2 + 2 x 2 ÷ 4 = ?
(A) 24
(B) 4
(C) 14
(D) 22

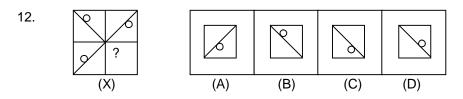
**Directions (Q. 8 to 9):** In each of the following questions arrange the given words in the sequence in which they occur in the dictionary and then choose the correct sequence.

8.	1. Become	2. Burst	3. Blow	4. Breeze	5. Buzz
	(A) 1, 3, 4, 2, 5	i		(B) 1, 2, 3, 4, 5	
	(C) 5, 4, 3, 2, 1			(D) 1, 3, 5, 2, 4	$\sim$
9.	1. Rapid	2. Ready	3. Read	4. Race	5. Right
9.	(A) 4, 2, 1, 3, 5	,		(B) 4, 1, 3, 2, 5	5. Kight
	(C) 5, 3, 1, 2, 4			(D) 4, 1, 3, 2, 3 (D) 2, 4, 5, 1, 3	
	(0) 5, 5, 1, 2, 4	r		(D) 2, 4, 5, 1, 5	

**Directions (Q. 10 to 12):** In each of the following questions, select a figure from amongst the four alternatives, which when placed in the blank space of figure (X) would complete the figure.



Space for Rough Work



13. Find the missing number in the following number series: 405, 135, 45, 15, ? (A) 10 (B) 20 (C) 5 (D) 15

Directions (Q. 14 to 15): The number-group in each question below is to be codified according to the following letter codes:

Number	5	1	3	0	2	4	8	7	6	9	
Code	Х	L	Μ	Ρ	D	В	Е	F	Κ	J	~
					۰.						

You have to find out which of the answers (A), (B), (C) or (D) has the correct coded from of the given number-group.

- 14. 430675 (A) BMKPFX (C) BMPKXF
- 15. 790853 (A) FJPEXM (C) FJPEMX

(B) BMPKFX (D) BMPFKX

(B) FPJEXM (D) FPJEMX

16. In a coded language the given alphabets are written in special codes.

	Α	В	С	D	E	S	U	V	Μ	Ν
	7	9	1	3	4	2	0	6	5	8
Ť	The code 973578 will be									
(/	A) BAI	DMAN						(B) BA	CMAN	1
(	C) DU	EMAN						(D) M/	ANSDE	Ξ

Directions (Q. 17 to 18): On the basis of the following arrangement give answer of question 789765428972459297647

17. How many 7s are preceded by 9	and followed by 6:			
(A) 2	(B) 3			
(C) 4	(D) 5			
18. Which figure has equal frequency?				
(A) 2, 5, 8	(B) 2, 4, 5			
(C) 8, 7, 5	(D) 8, 6, 5			
Space for Rough Work				

ce ioi Rougii 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.

Space for Rough Work					
22.	We can see our image in mirror due to (A) Reflection of light (C) Total internal Reflection	(B) Dispersion (D) Air			
21.	A boy is running on a circular track with spe complete round is (A) 10 km (C) 4 km	eed 10 km/hour. The displacement of the boy after one (B) 20 km (D) 0 km			
20.	If a car is moving at a speed of 20 km/hour (A) 2 km (C) 200 m	then the distance travelled by car in 1 hour is (B) 20 km (D) 40 km			
19.	Convert 10.4 km in metre. (A) 10400 (C) 1040	(B) 104 (D) 140			

#### 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. Spinning is (A) Arranging two sets of yarns together (B) Making yarn from fibres (C) Making fabric from varn (D) None of these 24. Which among the following do not have fibres in their seeds? (A) Mango (B) Jute (C) Cotton (D) None of these 25. Match the following Column-II Column-I Alluvial soil (A) Mattresses (p) Black soil Jute cultivation (B) (q) Guinned cotton Cotton cultivation (C) (r) Flax fibres Ropes and bags (D) (s) (E) Jute fibres Linen (t) (A)  $A \rightarrow r, B \rightarrow s, C \rightarrow t, D \rightarrow q, E \rightarrow p$ (B)  $A \rightarrow q, B \rightarrow r, C \rightarrow t, D \rightarrow s, E \rightarrow p$ (C)  $A \rightarrow q, B \rightarrow r, C \rightarrow p, D \rightarrow t, E \rightarrow s$ (D)  $A \rightarrow r, B \rightarrow q, C \rightarrow s, D \rightarrow p, E \rightarrow t$ 26. Identify the malleable substance among the following: (A) Wood (B) Stone (C) Glass (D) Aluminium

# 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 cost of 15 pens is Rs 360. What is the cost (A) Rs 400 (C) Rs 192	of 8 such pens? (B) Rs 180 (D) can not be determined			
28.	Two angles of a triangle are 72° and 38°. Find th (A) 103° (C) 90°	ne third angle. (B) 70° (D) 54°			
29.	In a triangle how many right angles is/are possib (A) 2 (C) 3	ole? (B) 1 (D) 4			
30.	Number of edges in a cube is (A) 12 (C) 6	(B) 8 (D) 10			
31.	$\frac{14}{119} = \frac{?}{17}$ choose the correct option (A) 2 (C) 3	(B) 6 (D) 5			
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.	An animal having hollow and light bones is:					
	(A) Fish	(B) Bird				
	Č Snake	D Cockroach				
	(-)	(-,				
33.	Diseases caused due to the deficiency of vitam	ins are known as:				
	(A) Chronic diseases	(B) Genetic diseases				
	(C) Deficiency diseases	(D) Transmitted diseases				
34.	The framework of the body formed by the bones	s and cartilages is called:				
	(A) Skeleton	(B) Skull				
	(C) Bone	(D) Muscle				
25	How many honce yought a hymon hady hag?					
35.	How many bones usually a human body has?	(D) 100				
	(A) 230 (C) 200	(B) 198				
	(C) 260	(D)_206				
36.	Which of the following works with calcium to bu	ild strong bones?				
	(A) Vitamin D	(B) Vitamin C				
	(C) Phosphorus	(D) Iron				
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.	Speed of light is maximum in (A) Vaccum (C) Solid	(B) Water (D) Oil
38.	distance from plane mirror is	om a plane mirror. The image will be formed at a
	(A) 5.2 m (C) 2.5 m	(B) 2 m (D) 1 m
39.	Light travels in a (A) Straight line (C) Zigzag	(B) Parabola (D) Triangular
40.	White light is made up of (A) six colours (C) seven colours	(B) three colours (D) four colours
41.	An object covers a distance of 400 km in 8 hour (A) 40 km/hour (C) 35 km/hour	s. The speed of the object is (B) 30 km/hour (D) 50 km/hour
42.	Which of the following is a transparent object. (A) Book	(B) Wooden table
	(C) Glass Space for Rou	(D) Tree gh Work

	Space for Rough Work				
48.	Two cars are moving towards each other with sp Calculate the time taken by them in meeting if th (A) 10 hours (C) 5 hours				
47.	Which of the following alphabet will show lateral (A) B (C) E	inversion when seen through mirror? (B) F (D) O			
46.	A boy moves 5 km in east and 3.5 km in north. \ (A) 5 km (C) 8.5 km	What is the total distance covered by the boy. (B) 3.5 km (D) 10 km			
45.	Which among the following is largest (A) 1 cm (C) 1 m	(B) 1 km (D) 1 mile			
44.	Which of the following is a unit of distance (A) Newton (C) Hour	<ul><li>(B) Second</li><li>(D) Kilometer</li></ul>			
43.	Two cars are moving on the same road. First ca the same distance in 3 hours. Which is moving f (A) First car (C) Both are moving with same speed	r covers a distance in 4 hours and second covers faster? (B) Second car (D) Can not say			

# 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.	<ul><li>Which one of the substance can float on water?</li><li>(A) Wood</li><li>(C) Aluminium</li></ul>	(B) Iron (D) Gold			
50.	Which of the following is/are used as insulator(s) (A) Wood (C) Paper	? (B) Plastics (D) All of these			
51.	Which process is described below? Solid ← Heat → Vapour (A) Evaporation	(B) Boiling			
	(C) Sublimation	(D) All of these			
52.	The process of increasing the rate of sedimentat (A) Loading (C) Decantation	ion is called (B) Sieving (D) None of these			
53.	<ul> <li>Transpiration is a process in which plants</li> <li>(A) receive water from soil</li> <li>(B) absorb water vapour from air.</li> <li>(C) prepare food from water.</li> <li>(D) release water vapour.</li> </ul>				
54.	The process used to separate heterogenous mix (A) Distillation (C) Filtration	tures of solids and liquids is called (B) Crystallization (D) Churning			
55.	<ul><li>When iron blade is fixed to the wooden handle it</li><li>(A) By heating then cooling</li><li>(C) By cooling</li></ul>	is fitted (B) By cooling then heating (D) By freezing			
	Space for Rough Work				

- 56. How much earth's surface is covered with water
  - (A) About 3/4th
  - (B) About 2/3rd
  - (C) About 1/3rd
  - (D) None of these

57. is a natural, non-desirable and non-reversible change (A) Making of rotis

(B) Drying of wet clothes

(C) Rusting of iron

(D) Crystallization of sugar

- 58. Which of the following is true?
  - (A) Cloud formation occurs only at higher temperatures.
  - (B) Conversion of water into ice, water into vapours and vapours into water, all are chemical processes.
  - (C) Rains feed almost all other sources of water.
  - (D) Distribution of water is similar in all cold countries.
- 59. Looms are used for \_\_\_\_\_
  - (A) Ginning
  - (C) Weaving

- (B) Retting (D) Knitting
- 60. Which process requires cooling? (A) Condensation (C) Both (A) & (B)
- (B) Freezing (D) Evaporation

# 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.

	Space for Rough Work				
67.	Two complementary angles are in the ratio 2 : 3 (A) 60° (C) 66°	(B) 54° (D) 48°			
66.	Thrice of a number when increased by 6 gives 2 (A) 6 (C) 8	4. The number is (B) 7 (D) 11			
65.	In a parallelogram, if all the sides are equal then (A) Trapezium (C) Rhombus	the parallelogram is known as (B) Rectangle (D) kite			
64.	12 registers cost Rs 720. Find the cost of 5 such (A) Rs 600 (C) Rs 400	n registers. (B) Rs 100 (D) Rs 300			
63.	Shaded portion represents of a whole (A) $\frac{2}{8}$ (C) $\frac{3}{8}$	(B) $\frac{1}{8}$ (D) $\frac{3}{4}$			
62.	Sum of all the angles of a parallelogram is (A) 180° (C) 360°	(B) 540° (D) none of these			
61.	Given that A = $(5 \times 3) \times 3$ , B = $6 \times (3 \times 2)$ then A (A) 9 (C) 36	. – B is (B) – 9 (D) 45			

68.	Which of the following statements is/are correct (i) whole numbers are closed under addition (ii) integers are closed under subtraction (iii) whole numbers are closed under multiplicat (iv) integers are closed under division	
	<ul><li>(iv) integers are closed under division</li><li>(A) (i), (ii) &amp; (iv)</li></ul>	(B) (i), (ii) & (iii)
	(C) (i), (iii) & (iv)	(D) (i), (ii), (iii) & (iv)
69.	Roman numerals for 991 is	
	(A) IXIXI	(B) CMXCI
	(C) CMIXIX	(D) CMIIC
70.	If $x = 3$ , $y = 1$ then $x^{x} + x^{y} + y^{y}$ is equal to	
	(A) 30	(B) 31
	(C) 28	(D) 11
71.	399 + 476 = 476 + 399 shows which of the prop	perty of whole numbers?
	(A) closure property	(B) commutative property
	(C) associative property	(D) none of these
72.	0.023 lies between	
	(A) 0.2 and 0.3	(B) 0.02 and 0.03
	(C) 0.03 and 0.029	(D) 0.026 and 0.024
	pace for Roug	gh 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.	is the unit of food energy.		
	(A) Label	(B)	Kilogram
	(C) Calorie	(D)	Both B & C
74.	Citrus fruits are an excellent source of		
	(A) Calcium		Vitamin C
	(C) Vitamin B	(D)	Vitamin A
75.	Which of the following nutrients is the energy pr	oduc	vor?
75.	(A) Carbohydrates and Proteins		Proteins and Fats
	(C) Carbohydrates and Fats	(D)	Proteins and Vitamins
76.	Which components of food are called body build	der?	
-	(A) Carbohydrates		Proteins
	(C) Vitamins		Minerals
	(0) • •••••	(-)	
77.	Amino acid are the building blocks of:		
	(A) Vitamin	(B)	Fats
	(C) Protein	(D)	Carbohydrates
70			
78.	In human body, iron is usually found in:		<b>—</b>
	(A) Blood	• •	Teeth
	(C) Nail	(D)	Hair
79.	Select the food item from the following which is	rich	in protein <sup>.</sup>
70.	(A) Gram		Rice
	(C) Onion	• •	Both (B) & (C)
	Space for Rou	gh V	/ork

	Space for Roug	gh Work			
84.	Gur (Jaggery) is a good source of: (A) Carbohydrates (C) Proteins	(B) Fats (D) Minerals			
83.	The joint in our elbow is an example of: (A) Hinge joint (C) Pivot joint	<ul><li>(B) Ball and socket joint</li><li>(D) Gliding joint</li></ul>			
82.	Deficiency of Vitamin D gives rise to: (A) Rheumatism (C) Hernia	<ul><li>(B) Arthritis</li><li>(D) Rickets</li></ul>			
81.	Which of the following vitamin deficiency causes (A) Vitamin B1 (C) Vitamin B6	Beriberi? (B) Vitamin B2 (D) Vitamin B12			
80.	Which type of joint lies at the shoulder joint and H (A) Pivot joint (C) Ball and socket joint	nip joint? (B) Angular joint (D) Hinge joint			

# Recommended Time: 30 Minutes for Section – IV Section – IV

# PHYSICS - (PART - A)

This part contains **3 Multiple Choice Questions** number **85 to 87.** Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.

	Space for Rough Work				
	(C) Prism	(D) Wooden block			
	(A) Glass	(B) Rain water			
87.	Which of following is an opaque object				
	(C) Distance	(D) Energy			
	(A) Speed	(B) Force			
86.	Light year is a unit of				
	(C) 15 m/s	(D) 20 m/s			
	(A) 5 m/s	(B) 10 m/s			
85.	Convert 18 km/hour in m/sec				

## CHEMISTRY - (PART - B)

This part contains **3 Multiple Choice Questions** number **88 to 90**. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.

88.	Cotton plant is (A) Herb (C) Tree	(B) Shrub (D) All of these
89.	Water has maximum density at (A) 0°C (C) 27°C	(B) 4°C (D) 100°C
90.	We inhale / exhale (A) Nitrogen / oxygen (C) Oxygen / Carbon-dioxide	(B) Carbon dioxide / oxygen (D) Argon / Nitrogen
		Space for Rough Work

# MATHEMATICS – (PART – C)

This part contains **3 Multiple Choice Questions** number **91 to 93**. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.

91.	Krishna covers a certain distand	ce in 150 minutes. He covers half of the distance in $\frac{4}{15}$ of the
	time. Find the time taken to cove	r the remaining distance.
	(A) 110 minutes	(B) 120 minutes
	(C) 40 minutes	(D) 100 minutes
92.		e get 300 points and if we miss the balloon, we lose 100 points.
	Raj hits 15 balloons and misses	40 balloons. Find his net score.
	(A) 500	(B) 400
	(C) 300	(D) 200
93.	The sum of an angle and one thi	rd of its supplementary angle is 90°. Find the angle
	(A) 45°	(B) 90°
	(C) 135°	(D) 50°

#### BIOLOGY - (PART - D)

This part contains **3 Multiple Choice Questions** number **94 to 96**. Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.

94.	Fixed joints are found in:	
	(A) Lower jaw	(B) Skull
	(C) Hands	(D) Hip bone
	<b>、</b> ,	
95.	Which one among the followin	g elements/ions is essential in small quantities for development of
	healthy teeth but causes mottli	ng of the teeth if consumed in higher quantities?
	(A) Iron	(B) Chloride
	(C) Fluoride	(D) Potassium
96.	The number of thoracic vertebr	ae in human vertebral column is:
	(A) 7	(B) 12
	(C) 5	(D) 4
		Space for Rough Work

# Recommended Time: 30 Minutes for Section – V Section – V

#### MATHEMATICS - (PART - A)

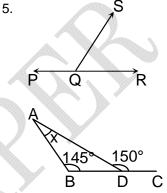
This part contains 6 Multiple Choice Questions number 97 to 102. Each question has 4 choices (A), (B), (C) and (D), out of which ONLY ONE is correct.

97.	Find the missing digit such that the 16151 is (A) 3 (C) 5	s divisible by 11. (B) 4 (D) 0
98.	If $x = 2$ , $y = 1$ find the value of $(x^2 + 2y + xy)$ (A) 6 (C) 8	(B) 7 (D) 10
99.	If 45 – [28 – {36 – (13 + x) }] = 65, then x is (A) – 25 (C) 20	(B) 25 (D) – 20
100.	Value of x if $\frac{x}{2} - \frac{x}{3} = 4$ , is	
	(A) 24 (C) 26	(B) – 24 (D) – 26
101.	In the given figure $\ell \parallel m$ . Find the value of $b - a$ (A) 10° (B) 20° (C) 15° (D) 25°	a. $\begin{array}{c} & t \\ & p \\ & a \\ & & 100^{\circ} \\ & & b \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\$
102.	Value of $4\frac{1}{2} \times 4\frac{1}{3} - 8\frac{1}{3} \div 5\frac{2}{3}$ is	
	(A) <del>7</del> <del>17</del>	(B) 1 <sup>33</sup> / <sub>34</sub>
	(C) 8	(D) 18 <sup>1</sup> / <sub>34</sub>
4	Space for Rol	ugh 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 value of 50 coins of 50 paisa is 5n. Find n
- 104. In the given figure, PQR is a straight line and  $\angle$ PQS :  $\angle$ SQR = 7 : 5. Find  $\frac{1}{25} \angle$ SQR
- 105. In the given figure, find the value of 'x '.



- 106. The difference between the number of edges and number of faces of a cube is?
- 107. What is the number of distinct prime factor of the smallest four-digit number?
- 108. In the given figure, find 'x'.

+40

# FIITJEE SAMPLE PAPER – 2020 (FIITJEE Talent Reward Exam-2020)

for students presently in

# Class 6 (Paper 1) ANSWERS

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