FIITJEE SAMPLE PAPER

(Big Bang Edge Test / Talent Recognition Exam-2020)

for students presently in

Class 7 (Paper 2)

Time: 3 Hours (1:45 pm – 4:45 pm)

Code 7007

Maximum Marks: 234

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 60 Minutes on Section-I, 60 Minutes on Section-II and 60 Minutes on Section-III.**

2. **This Question paper consists of 3 sections. Marking scheme is given in table below:**

Section	Subject		Question no.	Marking Scheme for each question	
				correct answer	wrong answer
SECTION – I	PHYSICS	(PART-A)	1 to 15	+1.5	0
	CHEMISTRY	(PART-B)	16 to 30	+1.5	0
	MATHEMATICS	(PART-C)	31 to 45	+1.5	0
	BIOLOGY	(PART-D)	46 to 60	+1.5	0
SECTION – II	PHYSICS	(PART-A)	61 to 66	+3	–1
	CHEMISTRY	(PART-B)	67 to 72	+3	–1
	MATHEMATICS	(PART-C)	73 to 78	+3	–1
	BIOLOGY	(PART-D)	79 to 84	+3	–1
SECTION – III	MATHEMATICS	(PART-A)	85 to 96	+3	0
	MATHEMATICS	(PART-B)	97 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 at the bottom of this sheet.

6. **See method of marking of bubbles at the back of cover page for question no. 97 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 **97 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 ❻ ⑦ ⑧ ⑨

Example 2:

If answer is 2.

Correct method:

⓪ ① ❷ ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

Recommended Time: 60 Minutes for Section – I

Section – I

PHYSICS – (PART – A)

*This part contains **15 Multiple Choice Questions** number **1 to 15.** Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.*

1. Absolute zero corresponds to
   (A) 273 K (B) –273 K
   (C) 273°C (D) –273°C

2. A car travels with a speed 60 km/h in the initial one hour and with a speed of 40 km/h in the next half hour. Its average speed is
   (A) 50 km/h (B) 53.33 km/h
   (C) 48 km/h (D) 70 km/h

3. A body from ground level is thrown vertically upwards and reaches a maximum height of 4m. It then returns to the ground. The total distance travelled by the body is _____.
   (A) Zero (B) 8 m
   (C) 4 m (D) None of these

4. One joule is approximately equal to
   (A) 0.28 cal (B) 0.32 cal
   (C) 0.24 cal (D) 4.2 cal

5. What will be the distance (in km) covered by a motorist in 30 minutes travelling with a speed of 45 km/h?
   (A) 22.5 km (B) 45 km
   (C) 1350 km (D) 11.25 km

6. Flow of heat takes place
   (A) from a body at higher temperature to a body at lower temperature
   (B) from a body at lower temperature to a body at higher temperature
   (C) when both the bodies are at same temperature
   (D) None of these

Space for Rough Work

7. At which temperature water has maximum density?
(A) 0°C (B) –273°C
(C) 4°C (D) 100°C

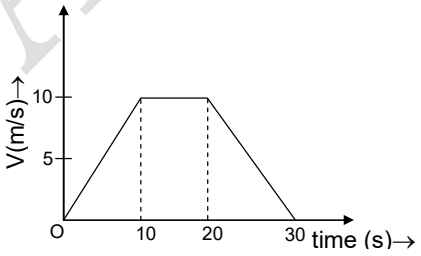
8. A ball is thrown upwards. Its velocity at the highest point is
(A) maximum (B) same as initial velocity
(C) zero (D) cannot be predicted

9. Which of the following will cause more severe burn
(A) steam at 100°C (B) boiling water
(C) water at 95°C (D) none of these

10. A 100 g iron ball is cooled down from 100°C to 30°C. Calculate the loss of heat if specific heat of iron is 4.8×10^2 J kg^{-1} $°C^{-1}$.
(A) 3360000 J (B) 3360 J
(C) 336 J (D) 33.6 J

11. On a 120 km track, a train travels the first 30 km at a uniform speed of 30 km/h. How fast must the train travel the next 90 km so as to average speed for entire trip is 60 km/h?
(A) 60 km/h (B) 40 km/h
(C) 90 km/h (D) 120 km/h

12. The distance travelled by the body as per given velocity-time graph is
(A) 200 m
(B) 250 m
(C) 300 m
(D) 400 m



13. 100 g of hot water at 90°C is mixed to 400 g of cold water at 10°C, the equilibrium temperature of the mixture is:
(A) 26°C (B) 45°C
(C) 60°C (D) 50°C

14. Change 5 m/s to km/h
(A) 15 km/h (B) 18 km/h
(C) 30 km/h (D) None of these

15. An object covers half distance with speed V_1 and rest half distance with speed V_2. Find the average speed of object for whole journey.
(A) $\frac{V_1 + V_2}{2}$ (B) $\frac{2V_1 + V_2}{V_1 + 2V_2}$
(C) $\frac{2V_1V_2}{V_1 + V_2}$ (D) $\frac{V_1 + 2V_2}{2V_1 + V_2}$

Space for Rough Work

CHEMISTRY – (PART – B)

*This part contains **15 Multiple Choice Questions** number **16 to 30.** Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.*

16. Curd consists of the following acid.
(A) ascorbic (B) butyric
(C) lactic (D) oxalic

17. Scouring is done to remove
(A) grease (B) dust
(C) dirt (D) all the three

18. The colour of methyl orange in an alkaline solution is
(A) orange (B) pink
(C) red (D) yellow

19. Find the odd one among the following fibres.
(A) cotton (B) silk
(C) nylon (D) wool

20. The fleece of sheep are generally sheared during
(A) winter (B) summer
(C) spring (D) autumn

21. Burning of candle involves the following change/changes
(A) physical (B) chemical
(C) both (A) and (B) (D) none of these

22. The salt produced by neutralization of an acid and a base may be
(A) acidic (B) basic
(C) neutral (D) all the three

23. Which one of the following acid is inorganic?
(A) acetic acid (B) carbonic acid
(C) lactic acid (D) citric acid

Space for Rough Work

24. Vinegar is a dilute solution of
(A) acetic acid (B) citric acid
(C) tartaric acid (D) none of these

25. The fine gummy filaments from silkworms get hardened on exposure to
(A) water (B) sunlight
(C) air (D) none of these

26. Silk fibres are made up of
(A) carbohydrates (B) proteins
(C) fats (D) wax

27. Which one of the following is a physical change?
(A) combustion (B) respiration
(C) evaporation (D) corrosion

28. Sugar is an example of
(A) element (B) compound
(C) mixture (D) salt

29. In which one of the following preparations, physical change is observed.
(A) Tea (B) Lemonade
(C) Pizza (D) Cake

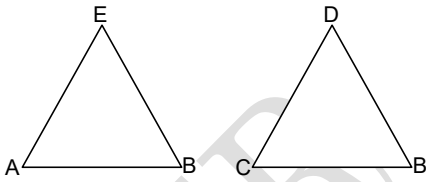
30. Which one does **NOT** alter during physical and chemical changes?
(A) colour (B) energy
(C) mass (D) none of these

Space for Rough Work

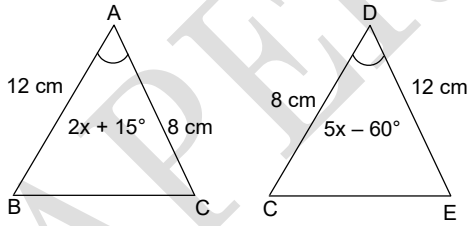
MATHEMATICS – (PART – C)

*This part contains **15 Multiple Choice Questions** number **31 to 45.** Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.*

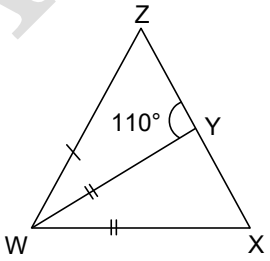
31. In the given figure AB = CB = 5.2 cm, AE = CD = 5 cm and $\angle A = \angle C = 40°$ then ΔEAB is _____ ΔDCB.
(A) = (B) ~
(C) ≅ (D) ≡



32. In the given figures what must be value of x to prove $\Delta ABC \cong \Delta DEC$ by SAS?
(A) 15°
(B) 25°
(C) 75°
(D) 65°



33. In the given triangle, if ZW = ZX, WY = WX, then $\angle WZX$ is equal to
(A) 70°
(B) 140°
(C) 40°
(D) 100°



34. Find the angle whose complement is one third of its supplement.
(A) 45° (B) 30°
(C) 55° (D) 60°

Space for Rough Work

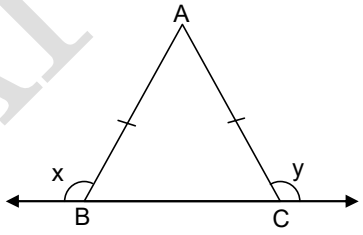
35. Solve for t:
$t-(2t+5)-5(1-2t)=2(3+4t)-3(t-4)$
(A) 5 (B) 2
(C) 7 (D) 3

36. ΔABC is an equilateral triangle in which $AD \perp BC$ ΔABD is congruent to:
(A) ΔADC (B) ΔACD
(C) ΔABC (D) ΔCDA

37. If a bicycle wheel has 36 spokes then the angle between pair of adjacent spokes is
(A) 10^o (B) 15^o
(C) 20^o (D) 12^o

38. The side included between $\angle A$ and $\angle B$ of ΔABC is
(A) AC (B) CB
(C) AB (D) None of these

39. In the given figure AB = AC, then which of the following is correct relation between x and y?
(A) x > y
(B) x < y
(C) x = y
(D) $\frac{x}{y}=\frac{1}{2}$



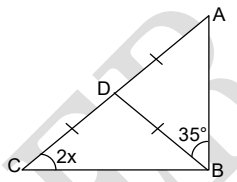
40. The mean of 10 numbers is 7. If each number is multiplied by 12, then the mean of new set of numbers is
(A) 82 (B) 48
(C) 78 (D) 84

Space for Rough Work

41. The ages of A and B are in the ratio 5 : 3. After 6 years, their ages will be in the ratio 7 : 5. Find the sum of their present ages is:
(A) 9 years (B) 10 years
(C) 15 years (D) 24 years

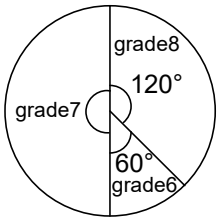
42. A reflex angle measure:
(A) more than 90^o but less than 180^o (B) more than 180^o but less than 270^o
(C) more than 180^o but less than 360^o (D) none of these

43. In the given triangle ABC, find the value of x.
(A) 55°
(B) 110°
(C) 70°
(D) 27.5°



44. If in any triangle ABC, the base BC is produced in both ways the sum of the exterior angles at B and C is
(A) 180° – A (B) 180° + A
(C) 90° + A (D) 180° – A/2

45. From the pie graph shown, find the percent of student that are in grade 7.
(A) 35%
(B) 50%
(C) 40%
(D) 28%



Space for Rough Work

BIOLOGY – (PART – D)

*This part contains **15 Multiple Choice Questions** number **46 to 60.** Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.*

46. Parallel venation is found in:
(A) Dentaria (B) Hollyhock
(C) Banyan (D) Grass

47. In plants, xylem and phloem comprises of
(A) Protective tissue (B) Food storing tissue
(C) Vascular tissue (D) Reproductive tissue

48. Rakesh went for mountain climbing. As he climbed higher, he began to feel difficulty in breathing following dizziness and lack of muscular co-ordination. Later, he had to be carried down. What caused this?
(A) Absence of oxygen (B) Decrease in oxygen content
(C) Decrease in nitrogen content (D) None of these

49. Omnivores are those which eat:
(A) Only plants (B) Only animals
(C) Both A & B (D) None of these

50. A balanced diet contains:
(A) Carbohydrate (B) Protein
(C) Fat, minerals, vitamins (D) All of these

51. Dietary fibres are known as:
(A) Roughage (B) Protein
(C) Carbohydrate (D) None of these

52. Which vitamin can be prepared by our body in presence of sunlight?
(A) Vitamin A (B) Vitamin B
(C) Vitamin C (D) Vitamin D

Space for Rough Work

53. Roots are of mainly:
(A) Tap root (B) Fibrous root
(C) Both A & B types (D) None of these

54. _____ helps in sound production in birds.
(A) Trachea (B) Syrinx
(C) Pharynx (D) Oesophagus

55. Relative humidity is measured with the help of a –
(A) Thermometer (B) Hydrometer
(C) Hygrometer (D) Rain gauge

56. When water vapour condenses near the ground there is:
(A) Rainfall (B) Snowfall
(C) Fog (D) a hailstorm

57. The process of breathing includes:
(A) Taking in O_2 (B) Giving out CO_2
(C) Both (A) & (B) (D) None of these

58. Plants cannot manufacture food without:
(A) Oxygen (B) Chlorophyll
(C) Both (A) & (B) (D) None of these

59. The process by which an organism procures food is called:
(A) Respiration (B) Nutrition
(C) Transportation (D) All of these

60. Breathing is a part of:
(A) Reproduction (B) Respiration
(C) Both (A) & (B) (D) None of these

Space for Rough Work

Recommended Time: 60 Minutes for Section – II

Section – II

PHYSICS – (PART – A)

*This part contains **6 Multiple Choice Questions** number **61 to 66.** Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.*

61. 1 litre of water at 40°C is mixed with 1 litre of water at 80°C. Temperature of resulting mixture will be
(A) Less than 40°C
(B) Greater than 80°C
(C) 100°C
(D) Greater than 40°C but less than 80°C

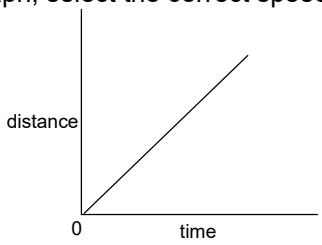
62. How much heat energy is required to completely melt 20 g of ice at 0°C to water? (Latent heat of fusion of ice = 80 cal/g)
(A) 1600 cal
(B) 1.6 cal
(C) 80 cal
(D) None of these

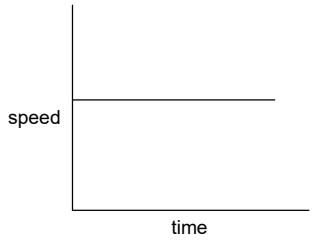
63. Calculate the quantity of heat required to convert 1.5 kg of ice at 0°C to water at 15°C. Latent heat of fusion of ice = 3.35×10^5 J kg^{-1}, specific heat of water = 4186 J kg^{-1} $°C^{-1}$
(A) 597000 J
(B) 596685 J
(C) 595000 J
(D) none of these

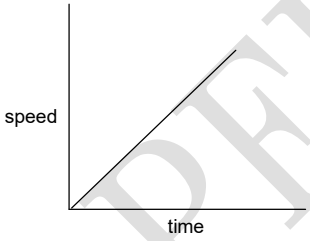
64. A car covers distance S_1 with velocity V_1 and distance S_2 with velocity V_2 between two cities P and Q on a straight line path. Its average velocity will be
(A) $\frac{V_1 + V_2}{2}$
(B) $\frac{V_1 - V_2}{2}$
(C) $\frac{(S_1 + S_2)V_1V_2}{S_1V_2 + S_2V_1}$
(D) $\frac{S_1V_2 + S_2V_1}{(S_1 + S_2) \times V_1V_2}$

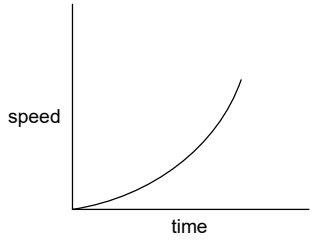
Space for Rough Work

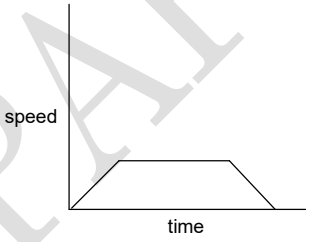
65. For the given distance-time graph, select the correct speed-time graph:



(A) 

(B) 

(C) 

(D) 

66. 10 kg of water at 90°C is cooled to 60°C. Calculate the heat lost by the water. Specific heat of water is 4200 J kg^{-1} $°C^{-1}$.
(A) 1260 kJ (B) 42000 J
(C) 1260 J (D) 420 kJ

Space for Rough Work

CHEMISTRY – (PART – B)

*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. Slaked lime is chemically
(A) CaO
(B) $Ca(OH)_2$
(C) $CaCO_3$
(D) $Ca(HCO_3)_2$

68. Arrange the following terms in order for wool processing
1. Sorting
2. Scouring
3. Spinning
4. Shearing

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

69. Acid rain may contain
(A) carbonic acid
(B) sulphurous acid
(C) nitric acid
(D) all the three

70. Evaporation takes place
(A) at boiling point
(B) at melting point
(C) above boiling point
(D) below boiling point

71. Which one is **NOT** a property of silk?
(A) cool in summer
(B) difficult to dye
(C) warm in winter
(D) absorbs moisture

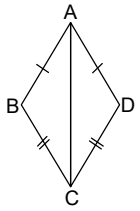
72. Vinegar is added to baking soda and a chemical change takes place. This can be the best example for
(A) production of heat
(B) change of colour
(C) production of sound
(D) evolution of gas

Space for Rough Work

MATHEMATICS – (PART – C)

*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.*

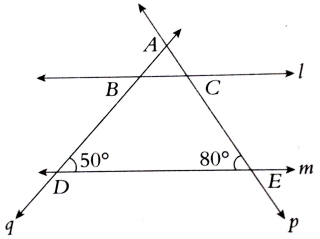
73. The condition that makes the following pair of triangles congruent is



(A) SSS
(B) ASA
(C) SAS
(D) RHS

74. If 'a' means '÷', 'b' means '×', 'c' means '–' and 'd' means '+' then, what is the value of 45 a 15 b 18 c 1 d 11 ?
(A) 67 (B) 80
(C) 59 (D) 64

75. In the given figure, if l || m, then what type of a triangle ABC is?



(A) Equilateral
(B) Isosceles
(C) Scalene
(D) Right angled

76. Sum of the digits of a two digit number is 9. The number obtained by interchanging the digits is 18 more than twice the original number. The original number is
(A) 72 (B) 27
(C) 36 (D) 63

77. An integer is 10 more than its one third part. The integer is
(A) 15 (B) 12
(C) 18 (D) 25

78. What is increasing order of the fractions $\frac{6}{7},\frac{8}{9},\frac{7}{8},\frac{9}{10}$?
(A) $\frac{6}{7},\frac{8}{9},\frac{7}{8},\frac{9}{10}$ (B) $\frac{9}{10},\frac{7}{8},\frac{8}{9},\frac{6}{7}$
(C) $\frac{6}{7},\frac{7}{8},\frac{8}{9},\frac{9}{10}$ (D) $\frac{9}{10},\frac{8}{9},\frac{7}{8},\frac{6}{7}$

Space for Rough Work

BIOLOGY – (PART – D)

*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.*

79. Deficiency of iron mineral in our diet causes:
(A) Anaemia (B) Goitre
(C) Rickets (D) Bone and tooth decay

80. Holozoic nutrition includes taking in the _____ substances and converting them into _____ substances:
(A) complex, more complex (B) simpler, complex
(C) complex, simpler (D) None of these

81. If a photosynthesizing plant releases oxygen containing more than the normal amount of ^{18}O, it is concluded that the plant has been supplied with
(A) $C_6H_{12}O_6$ containing ^{18}O (B) H_2O containing ^{18}O
(C) CO_2 containing ^{18}O (D) Oxygen in the form of ozone

82. When diaphragm of man is completely dome shaped it shows
(A) End of expiration and beginning of inspiration
(B) Beginning of expiration and end of inspiration
(C) Increased rate of breathing
(D) Decreased rate of breathing

83. Root develops from which part of the germinating seed?
(A) Cotyledons (B) Radicle
(C) Pericarp (D) Plumule

84. Mark the incorrect statement:
(A) The lion-tailed macaque (also called beard ape) lives in the rainforests of Western Ghats.
(B) Tusks of elephants are modified teeth
(C) Both (A) and (B)
(D) Red eyed frog possesses a long, large beak

Space for Rough Work

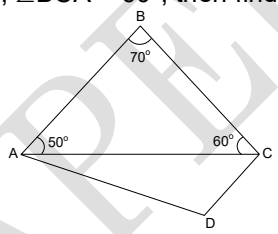
Recommended Time: 60 Minutes for Section – III

Section – III

MATHEMATICS – (PART – A)

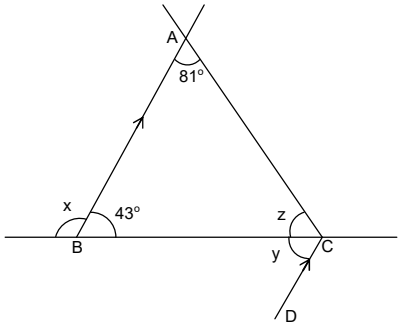
*This part contains **12 Multiple Choice Questions** number **85 to 96.** Each question has 4 choices (A), (B), (C) and (D), out of which **ONLY ONE** is correct.*

85. In the given figure $\Delta ABC \cong \Delta CDA$, if $\angle ABC = 70^o$, $\angle BAC = 50^o$, $\angle BCA = 60^o$, then find the $\angle CAD$.
(A) 55°
(B) 60°
(C) 65°
(D) 70°



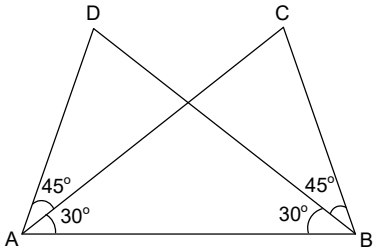
86. The value of $63 \times 7 - 28 \times 89 + 76.4 - 37.66$ is
(A) 2012.26 (B) 2014.26
(C) – 2012.26 (D) – 2014.26

87. In figure, AB || CD find the values of the angles x, y and z respectively.
(A) 137^o, 43^o, 56^o
(B) 122^o, 56^o, 48^o
(C) 116^o, 43^o, 56^o
(D) 137^o, 56^o, 48^o



Space for Rough Work

88. In the given figure $\Delta ADB \cong \Delta BCA$, which of the following statement is true?



(A) SSS
(B) ASA
(C) SAS
(D) RHS

89. If '+' means '×', '–' means '÷', '÷' means '–' and '×' means '+'. Find the value of the expression: $6 \div 8 - 2 + 5 \times 20 =$

(A) 8 (B) 4
(C) 6 (D) 9

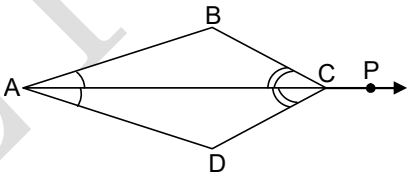
90. The side of an equilateral triangle measures 72 cm. The perimeter of this triangle is equal to the perimeter of a square shape. What is the length of the side of the square?

(A) 18 cm (B) 36 cm
(C) 54 cm (D) 108 cm

91. What should be subtracted from 0.10 to get 0.03?

(A) 0.7 (B) 0.07
(C) 0.007 (D) None of these

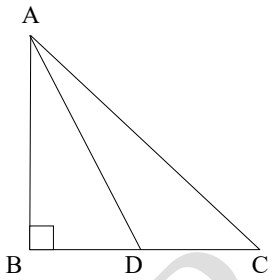
92. In the given figure, If $\angle BAC = \angle DAC$ and $\angle BCA = \angle DCA$, then $\Delta ABC \cong$ ……



(A) ΔCDA
(B) ΔDAC
(C) ΔADC
(D) ΔACD

Space for Rough Work

93. In a triangle ABC $\angle B = 90^\circ$. AB : BD : DC = 3:1:3. If AC = 20 cm then what is the length of AD.



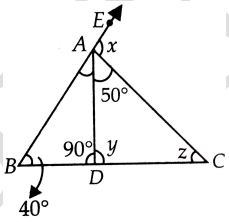
(A) $4\sqrt{10}$ cm

(B) $2\sqrt{10}$ cm

(C) $3\sqrt{10}$ cm

(D) none of these

94. In the given figure find the value of x + y + z.



(A) 180°
(B) 225°
(C) 195°
(D) 210°

95. Simplifying 272 × 42 + 272 × 50 + 272 × 82

(A) 47328 (B) 45328
(C) 46528 (D) 48526

96. The hypotenuse of a right angled triangle is 15 cm. If one of the remaining two sides is 9 cm, find the length of the other side.

(A) 10 cm (B) 12 cm
(C) 15 cm (D) 17 cm

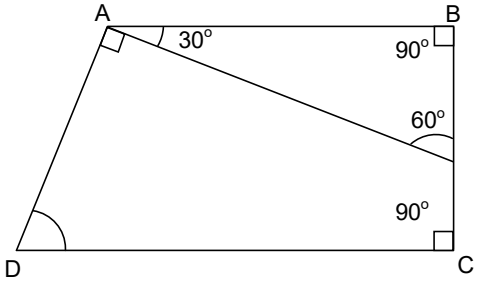
Space for Rough Work

MATHEMATICS – (PART – B)

This part contains ***12 Numerical Based Questions*** *number* ***97 to 108.*** *Each question has* ***Single Digit Answer 0 to 9.***

97. In a ΔABC $\angle B = 90°$ and $AC = 8\sqrt{2}$. If AB = BC, then find AB.

98. In the given figure find $\frac{\angle ADC}{12}$



99. Area of rectangle is 216 m^2. If length of rectangle is 36 m. Find the value of $\frac{\text{perimeter of rectangle}}{12}$.

100. If the sum of four consecutive odd number is 40, then find the smallest number.

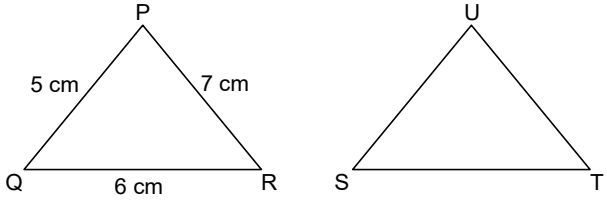
101. If the angles of a triangle ABC are in the ratio 11 : 13 : 12, then the unit digit of smallest angle is.

102. If the complement of an angle is 89°, then the angle will be

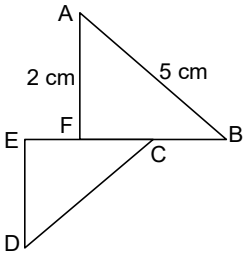
103. In a right angle triangle OAB, $\angle A = 90°$, OA = 24 m and AB = 10 m, find the sum of the digits of length OB.

Space for Rough Work

104. If ΔPQR is congruent to ΔSTU, then what is the length of TU?



105. In the given figure, $\Delta ABF \cong \Delta DCE$, then find the value of CD.



106. After 15 years, Salma will be four times as she is now. Determine her present age (in years).

107. Michael purchased a notebook for Rs.23.75 a pencil for Rs.3.35 and a pen for Rs.15.90. He has a 50 rupee note to the shopkeeper. The amount he got back is Rs._____.

108. The sum of three numbers is 25. The second number is twice the first and the third exceeds the second by 5. Find the second number.

Space for Rough Work

FIITJEE SAMPLE PAPER – 2020

(Big Bang Edge Test / Talent Recognition Exam)

for students presently in

Class 7 (Paper 2)

ANSWERS

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