CTET 2020-21 Paper 1 Mathematics Unofficial Answer Key by CollegeDekho

Question Number	Question	Answer
31	Which of the following is most likely to impact teaching-learning in Mathematics?	Providing Complete Solutions to Students' Wrong Answers - **Option 2**
32	Rohit realizes that a square is both a rhombus and a rectangle. He is at what stage of Van Hiele's visual thinking?	Level 2 (Relationships) - **Option 1**
33	The sum of any two whole numbers is a whole number. This property of the whole number is referred to as	Closure Property - **Option 3**
34	Which of the following equations regarding Mathematics teaching-learning is incorrect?	Argumentation & Negotiation play an important role in creating Mathematical knowledge. - **Option 2**
35	Which of the following statements is/are true regarding teaching 'Numbers' at the primary level?	Intuitive understanding of numbers should be encouraged. - **Option 1**
36	Which of the following is the most important aspect of teaching Mathematics at the primary level?	Making Mathematics part of Children's life experience.
37	Which of the following statements is Not Correct with regard to the nature of Mathematics?	Argumentation skill is important in the construction of Mathematical knowledge - **Option 3**
38	Which of the following activity is most likely to develop spatial reasoning among students?	Identifying Tessellating Figures - **Option 1**
39	Which of the following is most suitable for teaching children the concept of fractions?	Cuisenaire Rods - **Option 2**
40	In which of the following number 'three' is used in Ordinal Sense?	I live on the third floor of this building - **Option 3**
41	Identify the correct statement	The shape of the figure determines the perimeter - **Option 2**
42	Identify the correct statement with respect to the Mathematics curriculum	The concept of negative numbers should be introduced at the primary level for better understanding - **Option 1**
43	Identify the correct statement with respect to the concept of triangles at the primary level	Children should be exposed to triangles of all types and also other figures. - **Option 2**
44	In a division sum, the divisor is 5 times the quotient and twice the remainder. If the remainder is 5, what is the number?	25 - **Option 1**

45	The sum of five consecutive numbers is 20. What is the sum of the first three consecutive numbers?	9 - **Option 4**
46	A wire in the form of a square encloses an area of 144 cm^2 How much area is enclosed if the same wire is bent in the form of a rectangle of length 16cm	128 cm^2
47	Amongst the following fractions, the largest and second-largest fractions, respectively are 5/6, 3/4, 1/2, 2/3, 3/5	5/6 and 3/4 - **Option 3**
48	Asmita reaches school for a meeting 15 minutes before 8.30 AM. She reached half an hour earlier than her colleague who is 40 mins late for a meeting. What is the scheduled time of the meeting?	8:05 AM - **Option 2**
49	In how many ways, 48 small squares of 1 cm X 1 cm can be arranged so that the resulting area is 48 cm^2	5 - **Option 1**
50	In school assembly, students of a class are standing in a line. Ruhi is 19th from both ends. How many students are present in that class?	37 - **Option 4**
51	A number is larger than half of 100. It is more than 6 tens and less than 8 tens. The sum of it digits is 9. The ten digits is the double of the one digit. What is the number?	63 - **Option 4**
52	Sohail buys one packet of crayons.....(full question not added here)	100.50 - **Option 1**
53	A train starts from Patna on 30th May 2020 at 23:40 HRS and reaches Mumbai on 1st June 2020 at 5:15 PM. What is the total travel time?	29 Hours 35 Minutes - **Option 4**
54	In a five-digit number, the digit at hundreds.. (full question not given here)	87649 - **Option 3**
55	What should be subtracted from the sum of 8008, 8088 and 8808 to obtain 17863?	7041 - **Option 1**
56	A bucket of 16 liters capacity is filled to the brim with water.... (full question not given here)	320 mL - **Option 2**
57	A taxi meter shows the charge of Rs. 50 for the first two kilometers of Journey and Rs. 16 for every subsequent kilometer traveled. Manju pays Rs. 258 fare. What is total distance?	15 KM - **Option 1**
58	Tabular question about Marks (full question not given here)	The aggregate marks of Maria and Shehnaz are equal - **Option 2**

59	Which of the following is the desirable teaching-learning practice in the context of Mathematics?	Intuitive understanding of concepts to be encouraged - **Option 4**
60	A question and open & closed-ended (full question not given here)	A & C are closed-ended and B & D are open-ended - **Option 2**