71. (a); It is given in the third paragraph, that '' The advantage of textiles is they already have a 3D structure so they are great at absorbing light, which in turn speeds up the process of degrading organic matter'' from this we may infer that 3D structures are good absorber of light. Hence, (i) is true. According to the given passage it takes 30 minutes to prepare nanostructures and 6 minutes for the same to spontaneously clean themselves. Hence (ii) is not true. No such revolution has been discussed in the given passage, hence, (iii) is also not true. Hence, (a) is the correct option.

72. (d); It is given in the passage that nano-enhanced textiles can clean themselves in 6 minutes. Hence, (i) is not true. It is mentioned in the first paragraph that the newly developed textile is of low cost. Hence, we can infer that (ii) is true. The passage throws light on the light-absorbing property of only two metal-based nanostructures (copper and silver) but from this information, we cannot infer that all the metal-based nanostructures have the ability to absorb visible light. Hence, (iii) is also not true. Hence, (d) is the correct option.

73. (a); It is given in the first paragraph that "The process developed by the team has a variety of applications for catalysis-based industries such as agrochemicals, pharmaceuticals and natural products, and could be easily scaled up to industrial levels.'' this sentence shows the significance of the newly developed polymer in various industries. Please note that although option (b) is a universal fact, yet it can't be inferred from the given passage. Hence, (b) is not the correct option. According to the passage we do not need water to clean nanostructures. Hence (c) is also not true. Similarly, it is given in the second paragraph that 'advantage of textiles is they already have a 3D structure so they are great at absorbing light.'. Hence, (d) is also not correct Hence (a) is the correct option.

74. (c); 'Scale up' means 'To make something large in size, especially a design or model'. Hence, (c) is the correct option.

75. (a); The entire passage envisages about the future polymers having the ability to clean themselves with sunlight. Option (b) cannot be the correct option as it is specifically given in the passage that '' There's more work to do to before we can start throwing out our washing machines'' so this title is not apt. Similarly no other option sums up the given passage. Hence, (a) is the correct option.

76. (c); The 'Chemical based industries' are called the 'Catalysis-based' industries. Hence, (c) is the correct option.

77. (d); 'Relevant' means 'closely connected or appropriate to the matter in hand.' Hence, 'significant' is the word which is most similar in meaning to it.

78. (a); 'Spontaneously' means 'performed or occurring as a result of a sudden impulse or inclination'. Hence, 'Immediately' is the word which is most similar in meaning to it.

79. (a); 'Grime' means 'dirt ingrained on the surface of something.'. Hence 'cleanliness' is the word which is most opposite in meaning to it.

80. (e); 'Degrade' means 'break down'. Hence 'strengthen' is the word which is most opposite in meaning to it.
For questions (81-85); The correct sequence to form meaningful paragraph is **EBFADC.**

81. (c); A

82. (d); B

83. (a); E

84. (e); C

85. (b); D

86. (c); 'system, prospects' is the correct use.
Prospects means the possibility or likelihood of some future event occurring.

87. (b); 'regulate, reckless' is the correct use.
Reckless means heedless of danger or the consequences of one's actions.

88. (d); 'comparable, ensure' is the correct use.
Comparable means able to be likened to another.
Ensure means make certain that (something) will occur or be the case.

89. (e); 'invariably, challenges' is the correct use.
Invariably means in every case or on every occasion.
Challenges means a call to someone to participate in a competitive situation.

90. (d); 'focussed, persuading' is the correct use.
Focussed means pay particular attention to.
Persuading means induce (someone) to do something through reasoning or argument.

91. (b); Replace 'poor –strickened' with 'poverty stricken'.

92. (d); Replace 'hand-on experience on any' with 'hands-on experience in various'

93. (a); Replace 'notoriety for it's brutality' with 'notorious for its brutality'

94. (d); Replace 'taxi managed by aggregators in India' with 'taxis managed by aggregators across India'

95. (c); Replace 'at the Kohinoor diamond makes it's' with 'over the Kohinoor diamond make their'

96. (c)

97. (a)
98. (e)
99. (b)
100. (d)