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Please, Answer All the following Questions

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**Question 1**

**[20]**

Write a scientific abstract on a topic of your choice but related to the department interests. Make sure the title matches the contents and it is written in perfect English language.

**Question 2**

**[20]**

Write a paragraph in at least 80 words about “ Using nuclear energy in electricity production: advantages and disadvantage and what is our opinion about the Egyptian Nuclear program”

**Question 3**

**[20]**

Give the English meaning of the following words:

1. Deduce
2. Beside
3. bunch
4. Accumulate
5. Deteriorate
6. adverse

- 7. Emit
- 8. Aggregate
- 10. Associate

**Question 4**

[20]

**Add the appropriate proposition to complete the phrasal verbs**

1. Ahmed will be late for work, his car broke..... on highway
2. It's cold outside. Please, put your sweater.....
3. I was very sorry to hear that grandfather passed.....
4. The boxing match ended when one boxer knocked the other one.....
5. If you don't believe me, talk to Mona she'll back me ....
6. I want to go to post office to drop this letter .....
7. She is too tired to cook tonight. Why don't we eat ....
8. Why can't you and your sister get .....
9. He know that smoking is not good for his health, but he can't give it ...

10. Of course we can go there together. What time should I pick you .....

**Question 5**

**[20]**

**Choose the correct word from the alternate in brackets**

1. The engine is identical to the (late – last – latest) model, (apart from, except for) the compressor.
2. The airport runways are being (expanded – extended – increased). So, the airport can (accommodate – accumulate) larger aircrafts.
3. The metallic (filament – element – part) is placed inside a (vacuous – vacated – evacuated) tube.
4. Modern plastics possess (quantities – properties – accomplishments) which make them satisfactory (substitutes – exchanges – displacements) for traditional materials in a wide range of products.
5. The air through which the wing of the aircraft is moving (affords – imposes – offers) considerable (resistance – restriction – reaction) to it.

With my best Wishes  
Dr. Sahar Kaddah