



SUMMER– 2017 EXAMINATION

Model Answer

Subject Code: 17101

Important Instructions to examiners:

- 1) The answers should be examined by key words and not as word-to-word as given in the model answer scheme.
- 2) The model answer and the answer written by candidate may vary but the examiner may try to assess the understanding level of the candidate.
- 3) The language errors such as grammatical, spelling errors should not be given more importance. (Not applicable for subject English and Communication Skills.)
- 4) While assessing figures, examiner may give credit for principal components indicated in the figure. The figures drawn by candidate and model answer may vary. The examiner may give credit for any equivalent figure drawn.
- 5) Credits may be given step wise for numerical problems. In some cases, the assumed constant values may vary and there may be some difference in the candidate's answers and model answer.
- 6) In case of some questions, credit may be given by judgment on part of examiner of relevant answer based on candidate's understanding.
- 7) For programming language papers, credit may be given to any other program based on equivalent concept.

Q. No.	Sub Q. N.	Answer	Marking Scheme
1.	(a)	Answer any <u>TEN</u> of the following in 2-3 sentences each: What are the effects of 'greed for money'? Ans: Most of the people are worried with money problems. Most worry, stress, anxiety and loss of peace of mind are caused due to greed for money. The other effects of greed for money are health problems, problems in relationships like divorce, arguments etc.	(20) 02
	(b)	According to Dr. Kalam, what are the four qualities important for success in life? Ans: According to Dr. Kalam, the four qualities important for success in life are: 1. Clear aim in life 2. Acquiring knowledge in multiple ways 3. Hard work with devotion 4. Perseverance	 $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$
	(c)	What is a touch screen? Illustrate with an example. Ans: The touch screen is an input and an output gadget rolled into one. A person can specifically touch the icon or key to be used and it correctly acknowledges the touch and performs the task. ATMs and information kiosks are examples of the touch screen.	 02
	(d)	What is the effect of eating too much? Ans: Eating too much food in one go may result in drain of energy after some time. It also gives feeling of being bloated or deprived of energy. Therefore to keep our energy evenly distributed, we should take small amounts of food at regular intervals.	 02



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1.	(e)	What is self-awareness? Ans: Self-awareness means know who we are and why we think and feel the way we do. We need to understand the forces and influences that have shaped our character from earliest childhood. We need to know why we react and respond the way we do to the people and situations around us.	02
	(f)	How did the journey of Infosys begin? Ans: On 29 th December, 1980 Narayana Murthy resigned from his job. Narayana Murthy, his wife Sudha and his six friends established Infosys on 7 th July 1981 with a dream of creating a software revolution in India. The first office of Infosys was in a small house in Pune	02
	(g)	What does Dr. Kalam think about failures? Ans: As per Dr. Kalam's experience, every successful person goes through the failures. He thinks that great success has some elements of failure also. He also thinks one need to be positive about it and should learn through failures so that it does not reappear.	02
	(h)	How did Ajay Prasad thank his teacher? Ans: Ajay Prasad, by writing to his old school, got the phone number and address of Mrs. Kumar. He went all the way to Dehradun to meet her after forty years. He gave her a bouquet of long-stemmed roses and thanked her for all the good things she had done for him.	02
	(i)	What type of plastic material is found on the streets? Ans: Used plastic bags, empty biscuit wrappers and empty pan masala pouches are found on the streets. Discarded plastic packets and bottles, used packaging and numerous packets with wasted food from the surrounding eateries can also be found on the streets.	02
	(j)	Mention the impact of negative people on health. Ans: Constant association with pessimistic people causes considerable exhaustion. To be healthy is not just about food and exercise; it is also about to whom you relate with on a daily basis. Negative talks and negative people decrease the energy level.	02
	(k)	Name the awards won by Malathi Holla. Ans: Malathi Holla won Arjuna Award, Ekalavya Award and the prestigious Padmashri Award. Malathi Holla has won more than 300 gold medals in her sporting career in National, Asian and world events.	02
	(l)	State seven keys to success. Ans: Peace of mind, health and energy, loving relationships, financial freedom, worthy goals and ideals, self knowledge and self awareness, personal fulfillment are the Seven keys to success.	02



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2.	(a) (i)	<p>Answer any <u>THREE</u> of the following in about 75 words:</p> <p>Explain any one key to success in context with maximum achievements.</p> <p>Ans: Peace of mind, health and energy, loving relationships, financial freedom, worthy goals and ideals, self knowledge and self awareness, personal fulfillment are the Seven keys to success.</p> <p>1. Peace of mind: Without peace of mind, nothing else has much value. We usually evaluate how well we are doing at any given time by how much inner peace we enjoy. We experience happiness and peace of mind whenever we are free from the destructive emotions of fear, anger, doubt, guilt, resentment and worry. In the absence of negative emotions, we enjoy peace of mind naturally, effortlessly. The key to happiness, then, is to eliminate or minimize, what causes negative stress, including negative people, situations and emotions that make us unhappy. Project forward in thought and imagine the ideal life.</p> <p>2. Health and energy: Just as peace of mind is our normal and natural mental state, experiencing health and energy is our normal and natural physical state. Our body has a natural bias towards health. It produces energy easily and in abundance in the absence of mental or physical interference. And radiant health exists in the absence of any pain, illness or disease. Wonderfully enough, our body is constructed in such a way that if we just stop doing certain things to it, it often recovers and becomes healthy and energetic all by itself.</p> <p>If we achieve great things in the material world but lose our health or our peace of mind, we get little or no pleasure from our other accomplishments.</p> <p>3. Loving relationships: These are relationships with the people we love and care about, and the people who love and care for us. They are the real measure of how well we are doing. The fully functioning person has the ability to enter into and maintain long term friendships and intimate relationships with other people. The very essence of our personality is demonstrated in the way we get along with others, and the way they get along with us. When a relationship is truly happy, people laugh a lot when they are together. And when a relationship turns sour, the very first thing that goes is the laughter.</p> <p>4. Financial freedom: To be financially free means that we have enough money so that we don't worry about it continually. Achieving our own financial freedom is one of the most important goals and responsibilities of our life. It is far</p>	(12)



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2.		<p>too important to be left to chance. Fully 80 percent of the population is preoccupied with money problems. This is not a happy, healthy way to live. Most worry, stress, anxiety and lost peace of mind are caused by money worries. Many health problems are caused by stress and worry about money. Many problems in relationships are caused by money worries, and one of the main causes of divorce is arguments over money. We owe it to ourselves to develop our talents to the point where we know that we can earn enough money so that we don't have to worry about it.</p> <p>5. Worthy goals and ideals: Our deepest drive, according to Dr. Viktor E. Frankl, author of <i>Man's Search of Meaning</i>, is the need for meaning and purpose in life. To be truly happy, we need a clear sense of direction. We need a commitment to something bigger and more important than ourselves. We need to feel that our life stands for something, that we are somehow making a valuable contribution. Happiness has been defined as "the progressive realization of a worthy ideal." We can only be happy when we are working step by step towards something that is important to us.</p> <p>6. Self knowledge and self awareness: Self knowledge goes hand in hand with inner happiness and outer achievement. To perform at our best, we need to know who we are and why we think and feel the way we do. We need to understand the forces and influences that have shaped our character from earliest childhood. We need to know why we react and respond the way we do to the people and situations around us. It is only when we understand and accept ourselves that we can move forward in the other areas of our life.</p> <p>7. Personal fulfillment: This is a feeling that we are becoming everything that we are capable of becoming. It is the sure knowledge that we are moving towards the realization of our full potential as a human being. We can learn how to achieve and maintain a positive, optimistic and cheerful mental attitude under almost all circumstances. We can learn how to develop a fully integrated, fully functioning, fully mature personality.</p> <p>(Note: Students are expected to explain only one key to success.)</p>	04
	(ii)	<p>How has plastic spoiled the land? Ans: The indefinite period of time that it takes for the average plastic bag to breakdown can be hundreds of years. Every plastic bag that ends up in the woodlands of the country threatens the natural progression of wildlife. The accumulation of plastics prevents the sunlight from entering the soil and thus destroys the beneficial bacteria necessary for soil fertility. Plastic is one of the few modern chemical materials that is not biodegradable. Therefore, it can remain in landfill for millions of years</p>	



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2.		and affects the crops. Research proves that one plastic bag, littering in the landfill, has the potential to unintentionally kill one animal every three months due to intake or inhalation. Plastic waste blocks drains and gutters, stopping the flow of rain water and causing an overflow that becomes the breeding ground for germs and bacteria causing many diseases. Thus plastic spoils the land in many ways.	04
	(iii)	Why is capacitive touch screen popular now a days? Ans: The modern generation acknowledges and accepts the technological innovations eagerly. Touch screen is one such innovation being used on a large scale. It is popular now-a-days because touch screens offer us a great deal of control and are also simple to operate. On the other hand working with pointing systems like a track pad or mouse demands some amount of maneuvering. It becomes annoying to use a pointing system to type through an on-screen keyboard. However, by using a touch screen, we can specifically touch the icon that we choose to use. The capacitive touch screen are also popular because it merely has one layer which does not deflect lamination and gives bright colour display that could be viewed in sunlight with ease. It is more accurate and does not need pressure to be applied on screen. Even the smallest and lightest touch is registered and recognized by the controller. One more benefit of touch screen is that it also acknowledges multi touch. Therefore, the capacitive touch screen is very popular these days.	04
	(iv)	What is the contribution of Infosys to the society? Ans: Infosys was established by Narayan Murthy and Sudha Murthy in 1981. Within a short span of time, it spread its wings worldwide. The company has won many awards and recognition for its products and business practices. The company has created vast employment to many needy people. Infosys has its own way of working. They give importance to aspects like top quality, timely delivery, delivering more than the expected value to customers. A unique aspect of Infosys is the courteous treatment of all employees, the encouragement given to their best performers all personally looked into by Murthy and his co- founder friends. Thus, Infosys not only employs people massively but also endeavors to follow the conviction of value systems.	04
	(B)	Change the narration any <u>FOUR</u> of the following:	(04)
	(i)	Mohini said, "I shall come tomorrow with the bag." Ans: Mohini said that she would come the next day with the bag.	01
	(ii)	Ganesh said, "You may go now. I will call you later." Ans: Ganesh said that I/ he/she/you/they might go then and he would call me/him/her/you/them later.	01



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2.	(iii)	The mother said to the son, "Are you studying science?" Ans: The mother asked the son if/whether he was studying science.	01
	(iv)	The principal asked, "Are you willing to attend the seminar?" Ans: The principal asked if/whether I/he/she/you/they was/were willing to attend the seminar.	01
	(v)	Neeraj said to her, "Please give me your notebook today." Ans: Neeraj requested her to give him her notebook that day.	01
3.	(a)	Develop a paragraph on any <u>ONE</u> of the following in 75 words.	(06)
	(i)	Films - The Mirror of the Society: Films are the real mirror of the society. It shows how our society is, how the person behave in the society, trends going on in the society etc. Some films like 'Sarkar, Rajkaran etc.' show how the politics is and how politicians behave in our country. Some movies like 'Gangster, Satya' etc. show the lives of gangsters, criminals and their world. However some films like 'Baba Amte, Dangal' etc. show life of our inspiration which motivate our citizens. Some films like 'Hum Sath Sath Hai' shows our family system.	06
	(ii)	Cleanliness is next to Godliness: The proverb 'Cleanliness is next to Godliness' means cleanliness is similar to godliness. It is very important to keep ourselves and our surroundings clean. It is sign of spiritually good. It is like worshipping God which gives satisfaction. Cleanliness is a good habit which keeps us physically and mentally clean and healthy as dirt and diseases goes together. Therefore, Prime Minister Narendra Modi has started 'Swachh Bharat Abhiyan' to promote cleanliness. So we should take care to keep ourselves and our surroundings clean.	06
b)	(i)	Write about 6-8 dialogues on any <u>ONE</u> of the following situations: Between two colleagues about the planning to spend the holidays. Ans: Mr. Sanjay: Hello Mr. Kumar, How are you? Mr. Kumar: Hello Mr. Sanjay! I am fine. I am now excited for the holidays! Mr. Sanjay: It seems you already have some plans for the holidays. Mr. Kumar: Actually! We have already decided to go to Mahabaleshwar for coming holidays. What about you? Mr. Sanjay: That's great! We are planning to go to our native place this holidays. I really miss my childhood days there. Mr. Kumar: It's awesome. Feeling that nostalgia again in life would be a thrilling and different experience altogether. Mr. Sanjay: Very true. I am also excited to experience that nostalgia. Mr. Kumar: Enjoy then! See you. Mr. Sanjay: Same to you dear. See you.	(06)
			06



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3.		Distribution Function of the college. I congratulate all the winners for their success and the prizes. All of you performed very well. Those, who did not get the prizes, should not lose hopes. Do our best and work hard continuously and you can become anything. I wish all the best for your career. Thank you all. <i>(Note: Details may vary.)</i>	04
4.	(a)	Write the meaning of the any <u>TWO</u> of the following pair of words and use them in sentences of your own.	(04)
	(i)	accept – except Accept: Meaning: to receive with a consent/ to agree Sentence: I <u>accept</u> your proposal of business. Except: Meaning: to exclude / to take exception Sentence: All the workers <u>except</u> Mr. James have reported on duty.	$\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$
	(ii)	quite – quiet: Quite: Meaning: a little or a lot but not completely Sentence: I'm quite tired, but I'm happy to walk a little further. Quiet: Meaning: making no noise Sentence: The children are very <u>quiet</u> . I wonder what they're doing.	$\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$
	(iii)	sea - see Sea: Meaning: a large area of salt water Sentence: I'd like to live by the <u>sea</u> . See: Meaning: to notice people and things with your eyes Sentence: Turn the lights on so that I can <u>see</u> . (Note: Sentences may vary.)	$\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$
	(b)	Make sentences using the following collocations. (Any FOUR)	(04)
	(i)	Bird's eye view: We had a <u>Bird's eye view</u> of the old town from the top of the hills.	01
(ii)	Keep in touch: Harry and I used to <u>keep in touch</u> , but we haven't been in touch for last 2 months.	01	
(iii)	Rain with cats and dogs: It was <u>raining cats and dogs</u> so all flights were cancelled.	01	
(iv)	Pay the price: You have to <u>pay the price</u> if you don't prepare well for the examination.	01	
(v)	Have a look : Let's <u>have a look at</u> seven keys to success.	01	



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4.	(c) (i)	Write the synonyms of any <u>TWO</u> of the following words:	(02)
	1)	annual - yearly	01
	2)	popular - well-liked / admired	01
	3)	zeal - enthusiasm / passion / keenness	01
	(c)(ii)	Write the antonyms of any <u>TWO</u> of the following words:	(02)
	1)	ability x inability	01
2)	shy x bold, confident	01	
3)	coward x bold / brave	01	
d)	i)	Write Two words beginning with prefix - un.	(02)
		Ans: 1. unhappy 2. unmarried	01 01
ii)		Write Two words ending with suffix - ful.	(02)
		Ans: 1. Joyful 2. careful <i>(Note: Words may vary.)</i>	01 01
5.	a)	Read the following passage carefully and answer the questions given below: It is a common belief that science is responsible for the frequent, highly destructive twentieth century wars. The last century witnessed two extremely disastrous global wars. Even the debris of the first war had not been cleared when the second broke out. And this war proved more devastating than the first. It was towards the end of this war that Americans dropped atom bombs over Hiroshima and Nagasaki completely effacing the two towns from the world map. Since the twentieth century was also the age when science attained the highest stage of its development, a suspicion naturally creeps into the minds of the people that there is some vital co-relation between science and war.	(12)
	(i)	Questions: What is a common belief regarding science? Ans: A common belief regarding science is that science is responsible for the frequent, highly destructive twentieth century wars.	01



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5.	(ii)	What did Americans do towards the end of the second world war? Ans: Towards the end of Second World War, Americans dropped atom bombs over Hiroshima and Nagasaki completely effacing the two towns from the world map.	02
	(iii)	Name the two towns which were the victims of the 2 second world war. Ans: Two towns which were the victims of the 2 second world war are Hiroshima and Nagasaki	02
	(iv)	Mention the reason behind the belief that 'science is responsible for the frequent, highly destructive twentieth century wars', in your own words. Ans: Science is responsible for the frequent, highly destructive twentieth century wars because science developed destructive weapons, atom bombs which can destroy towns even countries.	02
	(v)	Give the antonyms of - destructive, end Ans: 1. Destructive: constructive 2. End: beginning, start, commencement	01 01
	(vi)	Give the synonyms of the following from the passage: Ans: 1) left overs of the construction material- debris 2) important- vital	01 01
	(vii)	Give a suitable title to the above passage. Ans: Science and War/ Effects of science/ Co-relation between Science and War	01
	(b)	Rewrite any <u>FOUR</u> of the following sentences in active/passive voice.	(04)
(i)	My father gifted me this beautiful watch. Ans: This beautiful watch was gifted to me by my father. OR I was gifted this beautiful watch by my father.	01	
(ii)	Close the window. Ans: Let the window be closed. OR You are ordered to close the window.	01	
(iii)	This project will be presented by Naresh. Ans: Naresh will present this project.	01	
(iv)	The nurses decided to handle the problem carefully. Ans: It was decided to handle the problem carefully by the nurses.	01	
(v)	Dr. Mukherjee is showing interest in this case. Ans: Interest in this case is being shown by Dr. Mukherjee.	01	



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6.	(a)	Fill in the blanks any <u>FOUR</u> with appropriate articles.	(04)
	(i)	I like to learn _____ French language. Ans: I like to learn <u>the/No Article</u> French language.	01
	(ii)	Mumbai is _____ crowded city. Ans: Mumbai is <u>a</u> crowded city.	01
	(iii)	Manisha is not interested in coming to _____ college. Ans: Manisha is not interested in coming to <u>the</u> college.	01
	(iv)	_____ river is holy for Indians. Ans: <u>The</u> river is holy for Indians.	01
	(v)	I have purchased _____ umbrella today. Ans: I have purchased <u>an</u> umbrella today.	01
	(b)	Fill in the blanks any <u>FOUR</u> with appropriate prepositions.	(04)
	(i)	I have signed _____ the page. Ans: I have signed <u>no preposition</u> the page.	01
	(ii)	Mahesh will travel _____ bus. Ans: Mahesh will travel <u>by</u> bus.	01
	(iii)	This road was built _____ good material. Ans: This road was built <u>with</u> good material.	01
	(iv)	We will try to finish the work _____ time. Ans: We will try to finish the work <u>in/before</u> time.	01
	(v)	Neeta is dedicated _____ her work. Ans: Neeta is dedicated <u>to</u> her work.	01
	(c)	Fill in the blanks any <u>FOUR</u> with appropriate conjunctions.	(04)
	(i)	Rohan _____ Sohan are the brothers. Ans: Rohan <u>and</u> Sohan are the brothers.	01
	(ii)	Make haste _____ else you will miss the bus. Ans: Make haste <u>or</u> else you will miss the bus.	01
(iii)	He was disappointed _____ he received her call. Ans: He was disappointed <u>because/even though/though/when</u> he received her call.	01	
(iv)	His friend gave him not only suggestion _____ also money. Ans: His friend gave him not only suggestion <u>but</u> also money.	01	
(v)	They tried to fool him _____ he was very clever. Ans: They tried to fool him <u>but</u> he was very clever.	01	



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6.	(d)	Fill in the blanks any <u>FOUR</u> with appropriate form of the verbs.	(04)
	(i)	You _____ (give) an excellent feedback. Ans: You <u>gave / have given</u> an excellent feedback.	01
	(ii)	Aanand _____ (own) dozen of rubber industries. Ans: Aanand <u>owns</u> dozen of rubber industries.	01
	(iii)	Meena _____ (show) good progress. Ans: Meena <u>has shown / shows</u> (show) good progress.	01
	(iv)	The files _____ (complete) by the new officer. Ans: The files <u>were/have been/had been/will be completed</u> (complete) by the new officer.	01
(v)	The whole scene _____ full of fun; it is humorous. Ans: The whole scene <u>is</u> full of fun; it is humorous.	01	