MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION

Subject Code:

17101

(Autonomous) (ISO/IEC - 27001 - 2005 Certified)

WINTER-2017 EXAMINATION **Model Answer**

1) The answers should be examined by key words and not as word-to-word as given in

Important Instructions to examiners:

Subject Name: English

- 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 judgement 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.

			3.5.1.
Q.	Sub	Answer	Marking
No.	Q. N.		Scheme
1.		Answer the following in 2 to 3 sentences (any <u>TEN</u>):	(20)
	a)	Suggest any two solutions to avoid the use of plastic bags.	
		Ans: Solutions to avoid the use of plastic bags are as follows:	
		1. We should always carry a shopping bag to avoid taking plastic bags	
		from the shops.	01
		2. We can put a basket into the dickey of the car into which we can fill a	
		whole shopping cart.	01
		3. Instead of buying plastic water bottle, we should carry our own water.	01
		4. Packaging can be left behind in the shop for recycling.	01
		(Note: Any two correct solutions should be given 02 marks.)	
	b)	Why did Ajay's teacher purchase clothes and shoes for him?	
	,	Ans: Ajay's Teacher saw Ajay's ragged clothes and worn out tennis	
		shoes. His ragged clothes and worn out tennis shoes are hardly sufficient	
		to protect him from the cold. Therefore Ajay's teacher purchased clothes	
		and shoes for him.	02
	c)	Write the message you get from the success story of Narayana	
	()	Murthy.	
		Ans: I get the following messages from the success story of Narayana	
		Murthy:	
		1. We should dream and endeavor to accomplish it.	01
		2. We can take assistance of friends and others to achieve our goal.	01
		3. We should take care that air of success doesn't go in our head.	01
		4. We have to give importance to the value system and adhere to it.	01
		(Note: Any two correct points should be given 02 marks. Points may	V1
		vary.)	
	d)	Mention the effects of over eating on our body.	
		Ans: Overeating may result in drain of energy after some time. It also	
		gives feeling of being bloated or deprived of energy.	02
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Q. No.	Sub Q. N.	Answer	Marking Scheme
1.	e)	Write four qualities required for success stated by A.P.J. Kalam. Ans: According to Dr. Kalam, the four qualities required for success are: 1. Clear aim in life 2. Acquiring knowledge in multiple ways 3. Hard work with devotion 4. Perseverance	1/2 1/2 1/2 1/2 1/2
	f)	Give examples of devices where touch screen is used. Ans: ATMs and Information Kiosks are the devices where touch screen is used.	02
	g)	Compare the use of plastic with Indians and Americans. Ans: The average human in India uses 3 kg of plastic per person per year. That's far lower than the American who consumes 80 kg. India being a poppulus country, the use of plastic is more than Americans.	02
	h)	Write full form of NGO. Ans: NGO- Non-Governmental Organization	02
	i)	Give any two examples of great personality inspired you most. Ans: Dr. APJ Abdul Kalam and Narayana Murthy inspired me most. Dr. Kalam inspired me to think in a big way. I should have great thoughts, great aims. He also inspired me to transform thoughts into actions; and perform with perseverance and devotion in order to be successful. Narayana Murthy inspired me to dream and endeavor to accomplish it. I can take assistance of friends and others to achieve our goal. He also inspired me to take care that air of success doesn't go in our head. We have to give importance to the value system and adhere to it. (Note: Answer may vary. Students can / may mention only names of two personalities.)	01
	j)	State the importance of self knowledge for success. Ans: Self knowledge goes hand in hand with inner happiness and outer achievement i.e. success. In order to be successful, we must perform our best and in order to perform at our best, we need to know who we are and why we think and feel the way we do. It is only when we have self knowledge and we accept ourselves, we can move forward in the other areas of our life and can be successful.	02
	k)	Name the awards won by Malathi Holla. Ans: Malathi Holla won Arjuna Award, Ekalavya Award and the prestigious Padma Shri Award.	02

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Q.	Sub	Answer	Marking
No.	Q. N.	T IIIS WEI	Scheme
2.	a)	Answer the following in 4 - 5 sentences. (Any <u>FOUR</u>) Give the details of any latest electronics device. Ans: LED TV is one of the latest advance technologies. It is like LCD TVs but the difference is that these TVs use LED backlights rather than the fluorescent-type backlights used in most LCD TVs. There are currently two main ways that LED backlighting is applied in LCD flat	(16)
		panel televisions. One type of LED backlighting is referred to as Edge Lighting. In this method, a series LED backlights are placed along the outside edges of the screen. The light is then dispersed across the screen. The other type of LED backlighting is referred to as Full-Array (also referred to sometimes as Full LED or Direct Lit LED). In this method, several rows of LEDs are placed behind the entire surface of the screen. LED TVs give more balanced color saturation.	04
	b)	Explain the importance of health and energy as a key to success. Ans: Health and energy are the two important keys to success. A good health gives us energy to perform our activities efficiently. Our body has a natural bias towards health. It produces energy easily and in abundance in the absence of mental or physical interference. A good health exists in the absence of any pain, illness or disease. If we achieve great things in the material world but lose our health, we get little or no pleasure from other accomplishments.	04
	c)	"Attitudinal Handicap is more worse than physical handicap." Justify. Ans: A person, who have attitudinal handicap, thinks that he can do nothing and can't achieve the success. Such type of attitudinal handicap is worse than physical handicap. Even physically handicap persons can do the wonders. We can see the examples of Malathi Holla, Sudha Chandran, Stephen Hawkings, Hellen Keller and such other persons who have achieved success in spite of physically disability. However persons, who are attitudinal handicap, can't be successful in their lives. They grumble and achieve nothing in their lives.	04
	d)	State the opinion of Dr. A.P. J. Kalam on failure and success. Ans: Dr. Kalam's opinion on failure and success was that every successful person goes through the failures. Great success has some elements of failure also. According to Dr. Kalam, one need to be positive about failure and should learn through failures so that it does not reappear.	04
	e)	Narrate the incident which taught planning, team work and time management to Dr. A.P.J. Kalam. Ans: As per Prof. Srinivasan's instructions, Dr. Kalam and his friend had to complete a workable project of designing low-level (low altitude) attack fighter aircraft within six months. If they were failed to do that,	



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Q.	Sub	Answer	Marking Scheme
No. 2.	Q. N.	their scholarship would be stopped. They worked hard together day and	Scheme
4.		night, Saturdays and Sundays; and complete the project within time. This	
		incident taught him the value of planning, teamwork, and time.	04
3.	(a)	Develop a paragraph on the following in and about 75 words. (Any	(06)
3.	(a)	One)	(00)
	(i)	Importance of Internet.	
		Ans: In today's ultra-modern and hi-tech world, internet plays a vital	
		role in everybody's life. Internet is used from child to old man for	
		various purposes. Children use internet for downloading or playing	
		games. Searching information from internet is an important part of	
		students' life. On the other hand, some people use internet for	
		entertainment like watching videos, listening music and so on. Some people use internet for social networking purpose. Internet is also used in	
		software companies for work. It keeps us connected to the other part of	
		the world and helps binding the globe together.	06
	(ii)	My goal in life.	
		Ans: My goal in life is to become a successful engineer and set up my	
		own business. I have taken the first step towards this goal by taking	
		admission to Diploma in Engineering in a very good polytechnic. I am	
		studying hard and I shall score distinction so that I can take admission in	
		Government College of Engineering for BE. After my B.E., I shall work in a company to gain the experience and knowledge. I shall do the	
		research in my engineering field. And then I shall set up my own	
		business where I can give employment to many. In this way, I can also	
		contribute to the society. I am doing hard work with perseverance which	
		will help me to achieve my goal.	06
		(Note: Information may vary.)	
	b)	Develop a dialogue on the following situation. (Any <u>One</u>)	(06)
	(i)	Between two friends discussing about innovation in the field of	
		technology. Ans:	
		Raj : Hello Sam! How are you?	
		Sam : Hello Raj! I am fine. Wow! New iPhone!	
		Raj : Yes, I purchased it yesterday. It is iPhone 8.	
		Sam : Very nice. It is a great innovation by apple.	
		Raj : Agree! It has innovative features like Find my phone, Siri,	
		Wallet, iBooks, good Camera, etc.	
		Sam: It has a very good map. But what I like most about the phone is	
		the camera that can captures images of the fast moving objects.	
		Raj : In fact, all companies are paying more attention to innovation recently.	
		Sam : True, customers generally buy the products due to innovation.	
		Raj : Yes, innovation in the field of technology attracts the	
		customers.	
		Sam: True. OK Raj, I have to go now.	
		Raj : OK. Bye! See you soon!	06

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Q. No.	Sub Q. N.	Answer	Marking Scheme
3.	(ii)	(ii) Between father and son about purchase of new phone.	Scheme
3.	(11)	Son : Hello Dad!	
		Father: Hello Sam! So tomorrow is your birthday. What do you want	
		as a birthday gift?	
		Son : So nice of you Dad! I want a new smart phone.	
		Father: Which phone should I purchase for you?	
		Son : I want iPhone 8.	
		Father: But Sam, it is too costly. Why don't you think of other brands?	
		Son : No Dad, I want a new smart phone with all new features. I don't	
		want to waste money again and again.	
		Father: OK! As you wish. Tell me about its features.	
		Son : It has many good features like 'Find my phone, Siri, iBooks etc.	
		But what impressed me the most about the phone is the camera	
		that can captures images of the fast moving objects.	
		Father: OK. I will definitely purchase iPhone 8 for you.	
		Son: Thank you Dad! I have to go now.	
		Father: OK. Bye!	06
		(Note: Dialogues may vary.)	
	(C)	Prepare a speech on given situation. (Any One)	(04)
	(i)	As a coordinator, develop a speech to introduce chief guest invited	
		for 'Swachha Bharat Abhiyan' program at your institute.	
		Ans: Good morning ladies and gentlemen!	
		Welcome to the 'Swachha Bharat Abhiyan' program organized by	
		Pioneer Polytechnic, Mumbai. As a coordinator of the program, it is my	
		honour to introduce and welcome today's chief guest Dr. Rohan Shukla.	
		He is an M. Tech. in Electrical Engineering from Mumbai University.	
		Later on he pursued her MBA degree from IIM Lukhnow. He has also	
		completed his Ph.D. Currently he is working as a Production Manager in	
		D. K. Electrical Ltd. He is also member of an NGO associated with	
		'Swachha Bharat Abhiyan'. He has dedicated himself in 'Swachha	
		Bharat Abhiyan' program.	
		So ladies and gentlemen, please welcome chief guest for today's	
		program Dr. Rohan Shukla.	
		Sir, I request you to take over the proceedings. Thank you.	04
		Thank you.	V 4
	(ii)	As a general secretary prepare vote of thanks for Annual cultural	
		day celebrated at your institute.	
		Ans: Good afternoon ladies and gentlemen. I am a general secretary and	
		standing before you to propose vote of thanks. At the outset, I would like	
		to thank our honorable Founder President, Mr. Sunil Pawar, for giving us	
		an opportunity to organize Annual Cultural Day. I am also thankful to our	
		principal, Dr. V. M. Patil, who motivated and supported us for the success	
		of this event. I thank the chief guest, Mr. Raj Sharma, Manager of Raj	



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Q.	Sub	Answer	Marking
No.	Q. N.		Scheme
3.		Group of Companies, from the bottom of my heart for taking out some time for us and gracing the event by his presence. I express my heartfelt thanks to all the HODs and teachers who inspired us during this Annual Social Gathering. I thank all the organisers, event coordinators, technicians and my colleagues; without their support, the event would not	
		have been successful. Before I conclude, I want to thank our canteen incharge for providing us the tasty food and tea. I extend my thanks to all	0.4
		the students for attending the Annual Social Gathering. Thank you all. (Note: Details may vary.)	04
4.	a) (i)	Construct the sentences using following collocation. (Any <u>Four</u>) Pay price	(04)
		Ans: If you don't follow the rules, you have to pay the price.	01
	(ii)	Come to an end Ans: The movie came to an end.	01
	(iii)	Make a mess Ans: In absense of parents kids make a mess at home.	01
	(iv)	Chair a meeting Ans: The principal chaired a meeting of the HODs yesterday.	01
	(v)	Come to the point Ans: She instructed me not to waste her time and come to the point. (Note: Sentences may vary.)	01
	b) (i)	Write meaning of the following words. (Any <u>Two</u>) beside – besides:	(04)
		Ans: Beside: by the side of / next to.	01
		Besides: in addition to / also / as well	01
	(ii)	desert – dessert Ans: Desert: barren land / dry region.	01
		Dessert: sweet dish served at the end of a meal.	01
	(iii)	personal - personnel	
		Ans: Personal: private / own	01
		Personnel: body of persons employed in a department / workers / employee	01



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Q. No.	Sub Q. N.	Answer	Marking Scheme
4.	c) (i)	Write synonyms. (Any <u>Four</u>) knack – ability / skill / talent / capability	(04) 01
	(ii)	access - admittance / entry/ entrance	01
	(iii)	contract – agreement / bond / deal	01
	(iv)	<pre>protect - defend / guard / shield</pre>	01
	(v)	abundant – plentiful / copious / numerous / many (Notes: students are expected to write only one synonym for each word.)	01
	d)	Prepare word with the following prefix. (any four)	(04)
	(i)	micro – microscope / micrometer	01
	(1)	mero interoscope / interofficter	O1
	(ii)	anti - antivirus / anticorruption	01
	(iii)	mal – malpractice / malnutrition	01
	(iv)	counter – counterattack / counterpart	01
	(v)	extra – extraordinary / extracurricular (Notes: students are expected to write only one word for each prefix.)	01
5.	a)	Read the following extract and answer the questions given below-Diet plays a vital role in the maintenance of good health and in the prevention and cure of disease. The human body builds up and maintains healthy cells, tissues, glands and organs only with the help of various nutrients. The body cannot perform any of its function be they metabolic, hormonal, mental, physical or chemical without specific nutrients. The food which provides these nutrients is thus one of the most essential factors in building and maintaining health. Nutrition, which depends on food, is also of utmost importance in the cure of disease. The primary cause of disease is a weakened organism or lowered resistance in the body, arising from the adoption of a faulty nutritional pattern. There is a mechanism within the body but it can perform its function only if it is sufficiently supplied with all the essential nutritional factors. Questions:	(12)
	(i)	What does the human body build up and maintain? Ans: The human body builds up and maintains healthy cells, tissues, glands and organ.	02
	(ii)	What types of functions does the body perform?	
	(11)	Ans: The body performs different functions like metabolic, hormonal, mental, physical and chemical.	02
	İ	monan, physical and onomical.	U <u>4</u>



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		Hoder Miswer Subject Code.	
Q. No.	Sub Q. N.	Answer	Marking Scheme
5.	(iii)	State the primary cause of disease.	
	(111)	Ans: The primary cause of disease is a weakened organism or lowered	
		resistance in the body which arises from the adoption of a faulty	
		nutritional pattern.	02
		nutrional pattern.	02
	(iv)	Mention the reason of lowered resistance power in body.	
	(10)	Ans: The adoption of a faulty nutritional pattern is the reason of lowered	
			02
		resistance power in body.	02
	(**)	Suggest suitable title for the ressess	
	(v)	Suggest suitable title for the passage.	
		Ans: Importance of nutrient / Importance of a good diet / Importance of	0.2
		nutritional Food	02
		(Note: Other correct titles can be considered.)	
	(
	(vi)	"Diet plays a vital role in the maintenance of good health" Do you	
		agree with the statement? Give reason.	
		Ans: Yes, I agree with the statement - "Diet plays a vital role in the	
		maintenance of good health". Because diet gives us necessary nutrients	
		which is very necessary to maintain health.	02
	b)	Change the voice. (Any <u>FOUR</u>)	(04)
	(i)	Harry changed the flat tire.	
		Ans: The flat tire was changed by Harry.	01
	(ii)	I will clean the house every Sunday.	
		Ans: The house will be cleaned every Sunday by me.	01
	(iii)	The fire is destroying entire forest.	
		Ans: Entire forest is being destroyed by the fire.	01
	(iv)	He visits library daily.	
		Ans: Library is visited daily by him.	01
	(v)	The metal beams were corroded by salt water.	
		Ans: Salt water corroded the metal beam.	01
6.	a)	Change the narration. (Any <u>FOUR</u>)	(04)
	(i)	Haresh said to me, "I shall go to movie today".	
		Ans: Haresh told me that he would go to movie that day.	01
	(ii)	He said, "I have spoken the truth".	
		Ans: He said that he had spoken the truth.	01
	(iii)	Rajiv asked, "Will you finish your work?"	
		Ans: Rajiv asked if he /she/they would finish his/her/their work.	
		OR	
		Rajiv asked me if I would finish my work.	01
	(iv)	Sneha said, "Hurrah! I have stood first".	
		Ans: Sneha exclaimed with joy that she had stood first.	01



		WINTER- 2017 EXAMINATION	
		e: English <u>Model Answer</u> Subject Code:	
Q.	Sub	Answer	Marking
No.	Q. N.	The manager said to servent !!Den!t clear the table!!	Scheme
6.	(v)	The manager said to servant, "Don't clear the table". Ans: The manager ordered servant not to clear the table.	01
	b) (i)	Rewrite the sentences using correct form of verb. (Any <u>FOUR</u>) I (speak) to her yesterday.	(04)
		Ans: I spoke to her yesterday.	01
	(ii)	(do) you go on holiday last summer? Ans: Did you go on holiday last summer?	01
	(iii)	She often(go) for shopping on every Sunday. Ans: She often goes for shopping on every Sunday.	01
	(iv)	They(finish) their work now. Ans: They have finished / are finishing their work now.	01
	(v)	I(reach) Canada tomorrow. Ans: I shall / will reach Canada tomorrow.	01
	c)	Rewrite sentences using suitable conjunctions.	(04)
	(i)	It is so cold outsideI brought jacket. Ans: It is so cold outside so I brought jacket.	01
	(ii)	I can't decide, I will take Electronics EngineeringInstrumentation. Ans: I can't decide, I will take Electronics Engineering or Instrumentation.	01
	(iii)	Neither the blackthe grey looks right. Ans: Neither the black nor the grey looks right.	01
	(iv)	I will surely get I st classI have studied regularly. Ans: I will surely get I st class because / as I have studied regularly.	01
	(v)	What he sayswhat he actually does, is completely different. Ans: What he says and what he actually does is completely different. (Note: Students are expected to solve only four questions.)	01
	d)	Rewrite the sentences using suitable prepositions provided below.	(04)
	(i)	(Any Four) (on, across, inside, beside, in) He swamthe pool. Ans: He swam across the pool.	01
	(ii)	The school beginsMonday. Ans: The school begins on Monday.	01
	(iii)	Dinesh is goingvacation. Ans: Dinesh is going on vacation.	01
	(iv)	The bird isthe cage. Ans: The bird is inside the cage.	01
	(v)	The bank isthe college. Ans: The bank is beside the college.	01

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