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Reg. No. : .....

Name : .....

Sixth Semester B.A. Degree Examination, April 2018
Career Related First Degree Programme under CBCSS 2 (a)
English and Communicative English
Vocational Course IX
CG 1671 : TECHNICAL ENGLISH
(2013 Admission Onwards)

Time : 3 Hours Max. Marks : 80

I. Answer **all** questions **each** in a **word** or **sentence** :

1) What is a sample ?
2) What is a technical white paper ?
3) What is a manual ?
4) What is a checklist ?
5) Give two words with the suffix – ment.

Fill in the blanks with suitable technical word/words :

6) In order to click good pictures, your phone camera should have high _____
7) This _____ of your browser does not support this action.
8) Recently, I _____ a few applications on my phone. They were taking up a lot of space.
9) The printer reports a paper _____. I can't take out the paper though.
10) This computer's _____ prevents me from accessing this page.

(10×1=10 Marks)

II. Answer **any eight**, **each** in a short paragraph **not** exceeding **50** words :

11) Using abbreviations in technical writing.
12) What is product description ?

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13) Extended definition.

14) Write a report on the recall of a battery operated shaving razor model because of battery complaints.

15) You have recently serviced a client's car. Explain to them what was wrong with it initially and how it was fixed.

16) In not more than four steps, give safety instructions for using an escalator.

17) Research tools for collecting empirical data.

18) Technical writing is action oriented. Explain.

19) Importance of safety regulations in technical workplaces.

20) What do you understand by industrial accident report ?

21) What is register ? Elucidate with examples.

22) Knowledge of technology for a technical writer. **(8×2=16 Marks)**

III. Answer **any six each** in a paragraph **not** exceeding **100** words :

23) Prepare an industrial accident report about an explosion in the company laboratory.

24) Prepare a questionnaire to conduct a survey about patterns of mobile phone youth in school children.

25) Write an e-mail to your boss, reporting the successful completion of an experiment.

26) What do you understand by process description ? Explain with the help of a sample description.

27) Complete the paragraph :

Cell phones – studies – avoid over use – affect brain cells – eye sight – ear phones – ear infection.

28) You recently purchased a scientific calculator online. However, it is faulty. Write an e-mail to customer care mentioning the technical problems and asking for a solution.

29) You need to conduct a survey among the women employees of a firm to understand their workplace satisfaction. Write a letter to the manager of the firm seeking permission.

30) Netiquette.

31) Diction and style in technical writing. **(6×4=24 Marks)**

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IV. Answer **any two each** in about **three hundred** words :

32) Features of good technical writing.

33) Your company specialises in health drinks. Recently, there has been an unusual dip in your sales. You want to understand a probable cause. Your team conducted a survey among 100 fitness club members and collected data. Analyse the data and prepare a report.

Age group	Gender		Avg. hours spent at gym (weekly)	Consumes health drinks		
	F	M				
18 – 25	5	20	5 – 7	31		
25 – 32	12	26	7 – 10	59		
33 – 39	7	30	5 – 7	10		

34) Read the following passage and answer the questions that follow.

Modern technology can do some pretty incredible things. It's possible, with current technological capabilities, to transmit digital information over long distances using coding and decoding processes without losing the contents of the original information. The best part is we don't have to do anything besides send the message and wait for it to be received. Consider, for instance, the cellular phone. It took many evolutions in phone technology to get where we are today, but the current cellphone wirelessly transmits information by connecting to a cellular network. Mobile phone operators provide these cellular networks, which function with the help of cellphone towers, and then calls are made over what is known as a radio link. Through this process, information – in this case, voice input – is broken down and reassembled over the radio link, so the person on the other end instantaneously hears what is said.

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In other words, as you speak into the phone, your voice is converted into an electrical signal, transmitted in the form of a radio wave by these towers and then converted back into the sound of your voice by the phone on the receiving end. All this happens in the blink of an eye while you chat over the phone without any distortion.

Wireless computer networking is also similar to cellular phone use in that computers use the same networks our mobile phones use. While you speak into the telephone using your voice, you typically insert data into your computer by typing on the keyboard. You may decide to share information through an e-mail or access information on a website by typing in or visiting what is known as a hyperlink. When you use the Internet to share and access information, you connect to the relevant network. You can send a message from your computer to another computer anywhere in the world and it will arrive almost immediately, going through many different networks in the process.

Computers and the Internet require many high-tech and complicated pieces to run properly, but something known as a router is a key instrument that keeps information being sent from one computer to another going along the correct pathway. The Internet also relies on telephone wires and satellite links for wireless information sharing.

It's important to note that for the Internet to work as it does, many companies have to agree to work with one another. The Internet is really a collection of networks working together toward a common goal of allowing information to be shared.

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1) What is incredible about modern technology ?
2) Describe the process of transfer of information through a cell phone.
3) Explain the similarity between computer networking and cellular phone.
4) What does a router do ?
5) Explain computer networking.

35) Your software company wants to venture into developing fitness related mobile apps. As the Project Manager of the company, submit a draft proposal that contain details like app specifications, available human resource in the company, further requirements, budget.

(15×2=30 Marks)