Pokhara University

|  |  |  |
| --- | --- | --- |
| Level: Bachelor | Semester: Spring | Year : 2014 |
| Programme: BE | | Full Marks: 100 |
| Course: Communication Technique | | Pass Marks: 45 |
| Time : 3hrs. |

|  |
| --- |
| *Candidates are required to give their answers in their own words as far as practicable.* |
| *The figures in the margin indicate full marks.* |
| Attempt all the questions. |

|  |  |  |
| --- | --- | --- |
|  | Answer the following questions after reading the passage given below.  Venus is closer to the Sun than the Earth is, and the sunlight reaching Venus is twice as powerful as that reaching the Earth. However, it has also been found that Venus, which is covered in thick cloud, reflects twice as much sunlight as the Earth dose. So it is quite possible to imagine that Venus might not be too hot to support life and even to picture it as the home of fair-haired Venusians chasing across the planet in flying saucers.  Unfortunately, this attractive idea does not stand up to close examination. Instead of spinning anti-clockwise like most other planets, Venus revolves clockwise, and it turns so slowly that the Sun rises in the west and sets in the east 59 days later. This means that during the immensely long Venusians’ “Day”. The temperature has time to reach 450 degrees Centigrade, easily hot enough to melt tin or lead. Moreover, the polar axis is almost vertical, so there are no seasons.  But the real shock comes when we consider the atmosphere. Normally you expect that the closer a planet is to the Sun, the less atmosphere it will be able to retain Venus, however, has an atmosphere about 100 times as dense as ours. The air is much too thick to run in, and a swimming stroke would help you walk in it. On the other hand, the atmosphere is so thick that you could fly through it without any problem. The winds are very slow yet the atmosphere is so dense that a seven mile per hour wind would be strong enough to knock down a tall building.  **Questions**   1. Why might you expect the surface of Venus to be fairly cool? 2. Why in fact is the surface of Venus hot? 3. If you tried to walk on Venus, what problems would you have? 4. Why might you expect the surface of Venus to be bright? 5. Give a suitable title to the above text. | 15 |
|  | Solve any three   1. Give a feminist interpretation of ‘The Story of an Hour’. Explain with textual examples. **( The Story of an Hour)** 2. How do knowledge and wisdom go together but differently in Bertrand Russell’s essay? Why? **(Knowledge and Wisdom)** 3. How can science be used and abused? Write it with suitable examples. **(Use and Misuse of Science)** 4. What does the poet try to say in the poem “Letter from Foreign Grave”? **(Letter From Foreign Grave)** | 5  5  5  5 |
|  | 1. As an organizer of the tour committee of your class, write a memo to all the members for the departure of the bus on already decided date, time and place. 2. Write a brief report on your field visit to a major exhibition held at any place. Describe the process you observed there of any product. | 8  7 |
|  | 1. Read the following passage carefully and make notes:   An upsurge of new research suggests that animals have a much higher level of brainpower than previously thought. If animals do have intelligence, how do scientists measure it? Before defining animals' intelligence, scientists defined what not intelligence is. Instinct is not intelligence. It is a skill programmed into an animal's brain by its genetic heritage. Rote conditioning is also not intelligence. Tricks can be learned by repetition, but no real thinking is involved. Cuing*,* in which animals learn to do or not to do certain things by following outside signals, does not demonstrate intelligence. Scientists believe that insight, the ability to use tools, and communication using human language are all effective measures of the mental ability of animals. When judging animal intelligence, scientists look for insight, which they define as a flash of sudden understanding. When a young gorilla could not reach fruit from a tree, she noticed crates scattered about the lawn near the tree. She piled the crates into a pyramid, and then climbed on them to reach her reward. The gorilla's insight allowed her to solve a new problem without trial and error. The ability to use tools is also an important sign of intelligence. Crows use sticks to pry peanuts out of cracks. The crow exhibits intelligence by showing it has learned what a stick can do. Likewise, otters use rocks to crack open crab shells in order to get at the meat. In a series of complex moves, chimpanzees have been known to use sticks and stalks in order to get at a favorite snack—termites. To make and use a termite tool, a chimp first selects just the right stalk or twig. He trims and shapes the stick, then finds the entrance to a termite mound. While inserting the stick carefully into the entrance, the chimpanzee turns it skillfully to fit the inner tunnels. The chimp attracts the insects by shaking the twig. Then it pulls the tool out without scraping off any termites. Finally, he uses his lips to skim the termites into his mouth.   1. Assume that you are going to present a 30 minutes talk on “Solution of Drinking Water shortage in Kathmandu valley”. Prepare a manuscript for this technical talk. | 8  7 |
|  | 1. Prepare a proposal to be submitted to the 'Department of road', Western Development Region to construct a 'Ring Road' around Pokhara city. (Include subheadings like – Introduction, Problems, Objectives, Methodology, Budget, Output etc.).   OR  A big cement factory is planning to establish its branch in a small village near Kathmandu. You are asked to study the area and prepare a suitable report about the feasibility of starting the factory. Mention the availability of raw materials and labor in the area in your report. (Furnish your report with Abstract, Introduction, Procedure of Data Collection, Analysis of Data and Conclusion & Recommendation).   1. Write a notice to all the classmates on behalf of the class Representative (CR) informing them that they should manage extra classes from now onwards as your classes are seriously affected by the unexpected political strikes. | 10  5 |
|  | 1. Write few paragraphs on a product, a cell phone or a motorbike with technical description how it works operationally in terms of its mechanism. (Use: Introduction, Utility, Spares/Parts, Process and Conclusion) 2. Prepare a neat sketch of your CV/Resume for the post of Civil Engineer. | 8  7 |
|  | 1. Change the following sentences according to the variety labels given in the brackets: 2. One should not take risk if he can avoid it. (BrE) 3. We insist that meeting should be held as soon as possible. (AmE) 4. I wonder if you would mind coming tomorrow. (Familiar) 5. You must wear uniform to enter the college premises. (Impersonal) 6. May be, he accepts our proposal. (Tentative) 7. Transform the following sentences as indicated in the brackets: 8. Tell me when and where you worked in the USA. (Simple) 9. On reaching the room at top, you may not enjoy your life. (Complex) 10. He is certain that he will give you profit. (Simple) 11. Owing to bad health, he could not work. (Compound) 12. I have no money to spare. (Complex). | 5×1  5×1 |