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| **1.** | **Multiple Choice questions (20)** | | | |
| i) | The connection of computers in a small geographical area is called: | | | |
|  | a)LAN | b)WAN | c) MAN | d) CAN |
| ii) | Which of following network device transmits message intelligently to the destination device? | | | |
|  | a)Switch | b)Router | c)Hub | d)NIC |
| iii) | In the high rate of distortion in communication environment which of the following communication media is most appropriate? | | | |
|  | a)Coaxial cable | b) Twisted pair cable | c) Fiber optic cable. | d) TV cable |
| iv) | Which Technology creates computer-generated simulation? | | | |
|  | a) Computer Assisted Translation | b) Distributed Application | c) Virtual Reality | d) Machine Learning. |
| v) | Which technology provides telecommunication at high speed? | | | |
|  | a) Virtual Reality | b) Distributed Application | c) Robotics | d)5G |
| vi) | The basic unit of a worksheet into which you enter data in Excel is called a | | | |
|  | a)Cell | b)Table | c)Box | d)Column |
| vii) | Which Microsoft Excel function is used to find the highest value in the given range? | | | |
|  | a)SUM | b)AVERAGE | c)MAX | d)MIN |
| viii) | Formula in Microsoft Excel must start with: | | | |
|  | a)+ | b) / | c)\* | d) = |
| ix) | Which Microsoft Excel function checks whether a condition is true or false? | | | |
|  | 1. SUM | 1. MIN | 1. IF | 1. Average |
| x) | Excel is used to prepare a | | | |
|  | a)Presentation | Spread Sheet | Webpage | Email |
|  |  |  |  |  |
| **2.** | **Answer any Four of the following. (20 Marks)** | | | |
| i) | Differentiate between LAN and WAN | | | |
| ii) | What is the role of network Switch? | | | |
| iii) | What is the purpose of blockchain Technologies | | | |
| iv) | Explain the features of information process model | | | |
| v) | How nested loops are useful in arranging a calendar? | | | |
| vi) | Differentiate between scope and limitations of a problem. | | | |