**DV162\_53\_PAS On Impact Printers**

**Possible Answers Sheet**

Q1. What is an Impact printer?

Ans: An impact printer is a type of printer that creates an image on paper by physically striking an ink ribbon with a hammer or pins.

Q2. \_\_\_\_\_\_\_\_\_\_\_\_\_ is a type of impact printer.

Ans.. Dot Matrix.

Q3. How does a dot matrix printer work?

Ans. An impact printer presses against a ribbon to make a mark on the paper. It’s impacting the paper in order to create the output.

Q4. What is the advantage of using a dot matrix printer?

Ans: Making multiple copies, Low Cost, Low Running Costs, Durability.

Q5. What is the downside to using a dot matrix printer?

Ans: Noise is the downside to using a dot matrix printer.

Q6. Why are dot matrix printers perfect if you’re making multiple copies?

Ans. Dot matrix printers are perfect if you’re making multiple copies.

Q7. What type of printer is a dot matrix printer?

Ans: Impact Printer.

Q8. What is the resolution of a dot matrix printer?

Ans: Not the highest or lowest resolution.

Q9. Is a dot matrix printer suitable for very graphical output?

Ans: No, a dot matrix printer is not suitable for very graphical output.

Q10. What is the purpose of the ribbon in a dot matrix printer?

Ans: The purpose of the ribbon in a dot matrix printer is to provide the ink to the impact.

Q11. Why is the component containing the print head relatively large?

Ans: Print head is relatively large because most of this is a heat sink that dissipates the heat that’s created during this printing process.

Q12. How many pins are inside the print matrix?

Ans: 24 Pins.

Q13. How wide are the pins inside the print matrix?

Ans: It’s 11 inches high by 14 inches wide.

Q14. What material is the ribbon made of?

Ans:. The ribbon used in dot matrix printers is made of fabric of nylon or a similar synthetic material.

Q15. How do we get output on page?

Ans. The pins impact on the page and we get the output.

Q16. What should one make sure of when swapping out printer ribbons?

Ans: Make sure you have exactly the right model, each ribbon is proprietary to a specific printer type.

Q17. What is inside of a ribbon cartridge?

Ans: It is one long piece of fabric that provides us with that ink for the printing process.

Q18. Dot matrix printers commonly use a \_\_\_\_\_\_\_\_\_\_\_\_to be able to pull the paper all the way through the printer.

Ans. tractor feed.

Q19. How is the paper positioned in the printer?

Ans: The tractor feed guides lift up to allow us to put the paper in place.

Q20. What should you do after confirming the paper is installed properly?

Ans: We have to press the paper feed button, and it will pull the paper through the printer and prepare for the next print.

Q21. What type of paper is commonly associated with mainframe printing?

Ans: Green Bar Paper is commonly associated with mainframe printing.

Q22. What is the size of pages that are used in mainframe printing?

Ans. It’s 11 inches high by 14 inches wide.